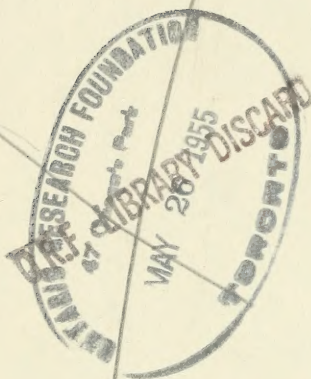
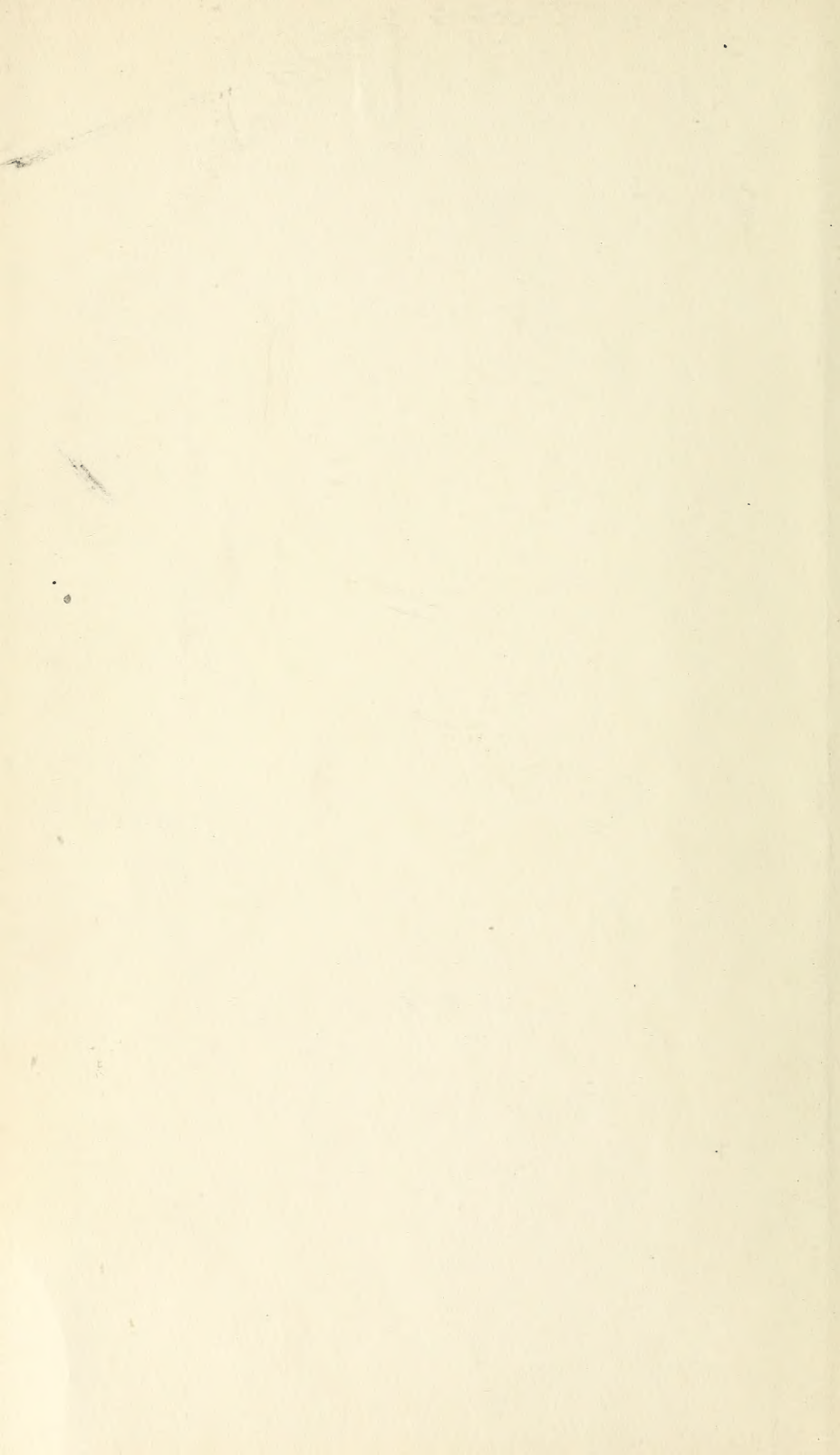




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TREASURY DEPARTMENT
UNITED STATES PUBLIC HEALTH SERVICE

HYGIENIC LABORATORY—BULLETIN No. 114

June, 1920

INDEX-CATALOGUE
OF
MEDICAL AND VETERINARY ZOOLOGY

SUBJECTS: ROUNDWORMS

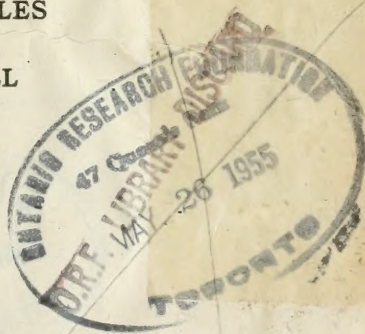
(Nematoda, Gordiacea, and Acanthocephali) and
the Diseases they cause

BY

CH. WARDELL STILES

and

ALBERT HASSALL



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INDEX-CATALOGUE

OF

MEDICAL AND VETERINARY ZOOLOGY.

SUBJECTS: ROUNDWORMS (NEMATODA, GORDIACEA, AND ACANTHOCEPHALI) AND THE DISEASES THEY CAUSE.

By CH. WARDELL STILES, Ph. D.,
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Assistant Zoologist, U. S. Bureau of Animal Industry.

Collaborators: G. J. Barnes; A. S. Callaway; D. A. Mack, B. A.; B. H. Ransom, Ph. D.; K. D. Wright, B. A.

INTRODUCTION.

The Index-Catalogue of Medical and Veterinary Zoology represents the combined card catalogues of the Zoological Division of the United States Bureau of Animal Industry and of the Division of Zoology, Hygienic Laboratory, United States Public Health Service. These catalogues are arranged in three sections: Authors, Subjects, and Hosts.

OBJECT OF INDEX-CATALOGUE.—The object in publishing the catalogue is to place it in permanent form. There have been four fires in the two laboratory buildings, but fortunately none of these gained headway. Were either building to be destroyed, and any part of the catalogue to be lost, the inconvenience such loss would entail in the regular work would be very extensive. By having the catalogue in printed form it is made more accessible and safe-guarded against accident. By placing it at the disposal of other workers it is hoped to render their work less arduous, and especially is it desired to reduce the confusion in nomenclature.

SUGGESTIONS FOR USING THE INDEX.—It should be recalled that this is an index, not a treatise. Persons who consult it should therefore not expect to find in it the reason for any given entry. The entry of the synonymy in any given case does not mean that this synonymy is necessarily correct: it is simply quoting published synonymy. The same statement refers to the hosts cited.

In looking up the literature of any given species, the reader should consult the cross reference (pp. 37 to 172) for the various genera under which the species has been published and the synonyms given in the general entries. By looking up these references in the general catalogue (pp. 173 to 882) all, or practically all, the references to the species are obtained.

SUGGESTIONS FOR PUBLISHING NEW NAMES.—In indexing literature, one is impressed with the differences in arrangement of the material as published by different authors. Some writers arrange the systematic portions of their papers in such a manner that it is an easy matter to obtain the important data. Other authors are less careful in this respect, and their material is arranged, in some cases, in a style which almost defies indexing.

As a very convenient style we would suggest the following diagrams:

Genus ASCARIS Linnæus, 1758.

1758: *Ascaris* Linn., 1758a, 644 (*lumbricoides* [give here either the type species or all the species in the order given by the author]). [Give origin of the name, if desired.]

[Give here the synonymy in the same style as foregoing entry.]

GENERIC DIAGNOSIS.—*Ascaridæ*, *Ascarinæ* [it is always very useful to give the name of the family and subfamily]: [Here give the generic diagnosis].

TYPE SPECIES.—[If type has not been designated, state why the species in question is now selected; as by first species rule, tautonymy, elimination, etc.]

Species ASCARIS LUMBRICOIDES Linnæus, 1758.

1758: *Ascaris lumbricoides* Linn., 1758a, 648 [add here type host and type locality].

[Add synonymy here, in same style as foregoing entry.]

SPECIFIC DIAGNOSIS.—*Ascaris* (p. —) [give page where generic diagnosis is printed]: [Add here specific diagnosis.]

HABITAT.—[Give hosts and geographic distribution here.]

TYPE SPECIMEN.—[Give museum number of type specimen.]

A list of hosts, together with the parasites found in them, is an exceedingly useful adjunct to any paper dealing with parasites. Several authors have published such lists, but most authors fail to do so. If the plan of giving a compendium of hosts with every paper were more generally adopted, the papers would be very much more valuable. In indexing the hosts, especially in papers by certain authors, we have met with considerable difficulty, for it is often necessary to read carefully an entire article in order to avoid overlooking the hosts. And even then it is, unfortunately, not exceptional that the reader can not be certain that he is indexing correctly.

DIFFICULTIES IN REFERENCES.—In preparing this series of subject catalogues, certain special difficulties have been encountered which may well be brought to the attention of authors.

Marking new genera and new species.—Many authors publish new names without marking them as new. Accordingly, it is frequently

difficult for the reader to know whether or not he is dealing with the original reference.

Dating new genera and new species.—Not infrequently authors mark as “new genus” or “new species” one and the same name published at widely different dates. Instances are not rare that an author has published one and the same species as “new” in two or three or more papers that were published at different periods one to five years apart. This system necessarily results in confusion in nomenclature.

Transfer of species.—It is a very common practice to transfer a species from one genus to another without giving the name of the original genus or the date of the species. This custom produces considerable confusion in nomenclature, since it occasionally happens that the specific name in question has been used for one or more species by the same author in different genera.

ABBREVIATIONS.

As a general rule we do not favor the use of abbreviations. In a work of this kind, however, in which certain names are repeated from 50 to 2,000 times, the use of abbreviations becomes necessary in order to reduce both the bulk and the expense. The following lists contain most of the abbreviations adopted in this bulletin.

GENERIC AND SPECIFIC NAMES.

Asc. or *-asc.* for *Ascaris* or names ending in *-ascaris*.

-b. for names ending in *-bothrium*.

-c. for names ending in *-cephalus*, *-cephala*, or *-cephalum*.

cab. for *caballus*.

Cap. for *Capillaria*.

Chord. or *-chord.* for *Chordodes* or names ending in *-chordodes*.

com. for *communis*.

Disph. for *Dispharagus*.

Doch. for *Dochmius*.

dom. for *domesticus*.

escul. for *esculentus*.

fam. for *familiaris*.

Fil. or *-fil.* for *Filaria* or names ending in *-filaria*.

Fus. for *Fusaria*.

Gord. or *-gord.* for *Gordius* or names ending in *-gordius*.

Het. for *Heteracis* or *Heterakis*.

-phth. for names ending in *-phthalmus*.

-pt. for names ending in *-ptera*.

-r. for names ending in *-rhynchus*.

-st. for names ending in *-stomus*, *-stoma*, or *-stomum*.

Str. or *-str.* for *Strongylus* or names ending in *-strongylus*.

temp. for *temporaria*.

Unc. for *Uncinaria*.

vulg. for *vulgaris*.

In case a name is repeated in a given paragraph, it is usually abbreviated to its initial letter after it has been printed once.

AUTHORS' NAMES.

For a very extensive list of abbreviations of names of zoologists, the reader is referred to R. Blanchard's (1890) *Liste des abréviations conventionnelles des noms d'auteurs adoptée par le Congrès International de Zoologie* (*Compte-rendu des séances du Congrès International de Zoologie*, pp. 486-508; reprint, pp. 35-57).

- | | |
|--|---|
| Abildg. for Abildgaard. | Dead. for Deaderick. |
| A. Ag. for Alexander Agassiz. | Deg. for Degeer. |
| L. Ag. for Louis Agassiz. | Deslgch. for Deslongchamps. |
| Aless. for Alessandrini. | Desm. for Desmarest. |
| A. & G. for Ashford & Gutierrez. | Dies. for Diesing. |
| A. & K. for Ashford & King. | Dobs. for Dobson. |
| A., K., & G. for Ashford, King, & Gutierrez. | Duf. for Dufour. |
| Aud. for Audouin. | Dug. for Dugès. |
| Aur. for Aurivillius. | Duj. for Dujardin. |
| Bail. for Baillet. | Dum. for Duméril. |
| Barbag. for Barbagallo. | Dungl. for Dunglison. |
| Barth. for Barthélemy. | D., T., & C. for Dutton, Todd, & Christy. |
| Bast. for Bastian. | Edelm. for Edelmann. |
| Beauch. for Beauchamp. | Ehl. for Ehlers. |
| Bellingh. for Bellingham. | Ehrenb. for Ehrenberg. |
| Ben. for van Beneden. | Eichw. for Eichwald. |
| Bidd. for Bidder. | Erc. for Ercolani. |
| Blainv. for de Blainville. | Eschr. for Eschricht. |
| E. Bl. for E. Blanchard. | Fabr. for Fabricius. |
| R. Bl. for R. Blanchard. | F., S., & T. for Fantham, Stephens, & Theobald. |
| Blgr. for Boulenger. | Fedtsch. for Fedtschenko. |
| Blochm. for Blochmann. | Fisch. for Fischer. |
| Blumenb. for Blumenbach. | Fisch. Waldh. for Fischer von Waldheim. |
| Bonis for de Bonis. | Fourm. for Fourment. |
| Bory for Bory de St. Vincent. | Fraip. for Fraipont. |
| Brand. for Brandes. | Frauenf. for Frauenfeld. |
| Brems. for Bremser. | Frœl. for Frœlich seu Frölich. |
| Brug. for Bruguière. | Froment. for de Fromental. |
| Büetsch. for Büetschli seu Bütschli. | Fuhrm. for Fuhrmann. |
| Burm. for Burmeister. | Gært. for Gärtner. |
| Caland. for Calandruccio. | Galli-Val. for Galli-Valerio. |
| Cam. for Camerano. | Gerst. for Gerstæcker. |
| Campb. & Lacr. for Campbell & Lacroix. | Gerv. for Gervais. |
| Casagr. for Casagrandi. | Gieb. for Giebel. |
| Cast. & Chalm. for Castellani & Chalmers. | Gmel. for Gmelin. |
| Cerf. for Cerfontaine. | Goldb. for Goldberg. |
| Chiaje for delle Chiaje. | Goldf. for Goldfuss. |
| Cienk. for Cienkowski. | Gomez for Gomez de Faria. |
| Clap. for Claparède. | Güenth. for Güenther. |
| Cloq. for Cloquet. | Guér. for Guérin-Ménéville. |
| Cond.-Franc. for Condorelli-Francaviglia. | Gutierrez for Gutierrez Igaravidez. |
| Crep. for Creplin. | G., K., & A. for Gutierrez, King, & Ashford. |
| Criv. for Balsamo-Crivelli. | Haan for van Breda de Haan. |
| Cuv. for Cuvier. | Hæck. for Hæckel. |
| Dav. for Davaine. | Hamm. for Hammerschmidt. |
| | Hartm. for Hartmann. |

Hass. for Hassall.
 Hausm. for Hausmann.
 Hempelm. for Hempelmann.
 Hempr. for Hemprich.
 Herm. for Hermann.
 Hoffm. for Hoffmann.
 Hofmæn. for Hofmænnner.
 Hüebn. for Hüebner.
 Hubr. for Hubrecht.
 Humb. for Humboldt.
 Hut. & Mar. for Hutyra & Marek.
 Jægers. for Jægerskiöld.
 Johns. for Johnson.
 Johnst. for Johnston.
 Kholodk. for Kholodkovski.
 Koell. for Kœlliker.
 Kowal. for Kowalewski.
 Krøp. for Krøyer.
 Kûech. for Kûechenmeister.
 Lab. for Laboulbène.
 Lachm. for Lachmann.
 Lam. for Lamarek.
 Lamb. for Lambert.
 Lamour. for Lamouroux.
 Land. for Landois.
 Latr. for Latreille.
 Leuck. for Leuckart.
 Levin. for Levinsen.
 Leyd. for Leydig.
 Lichtenst. for Lichtenstein.
 Lieberk. for Lieberkûehn.
 Linn. for Linnæus.
 Linst. for Linstow.
 Lint. for Linton.
 Lœnnb. for Lœnnberg.
 Ludw. for Ludwig.
 Magal. for Magalhães.
 Man for de Man.
 Mans. for Manson.
 Mar. for Marion.
 Marenz. for Marenzeller.
 Mégn. for Mégnin.
 Mehl. for Mehlis.
 Menz. for Menzel.
 Metchn. for Metchnikov.
 Micol. for Micoletzky.
 Miesch. for Miescher.
 Mol. for Molin.
 Mont. for Monticelli.
 Montg. for Montgomery.
 Moq.-Tand. for Moquin-Tandon.
 Mordw. for Mordwilko.
 Moul. for Moulinié.
 Mûeh. for Mûehling.

Müell. for Müller.
 Muls. for Mulsant.
 N., C., & T. for Neiva, Cunha, & Travassos.
 Neum. for Neumann.
 Nev.-Lem. for Neveu-Lemaire.
 Nordm. for Nordmann.
 Nutt. for Nuttall.
 Odhn. for Odhner.
 Olss. for Olsson.
 Pag. for Pagenstecher.
 Pall. for Pallas.
 Par. for Parona.
 Perronc. for Perroncito.
 Per. for Perugia.
 Rail. for Railliet.
 R., H., & B. for Railliet, Henry, & Bauche.
 R., H., & J. for Railliet, Henry, & Joyeux.
 R., H., & L. for Railliet, Henry, & Langeron.
 R., H., & S. for Railliet, Henry, & Sisoff.
 Raf. for Rafinesque.
 Rans. for Ransom.
 Reinh. for Reinhardt.
 Retz. for Retzius.
 Rikkenb. for Rikkenbach.
 Rollest. for Rolleston.
 Rud. for Rudolphi.
 St.-Joseph for Saint-Joseph.
 St. Remy for Saint Remy.
 Sav. for Savigny.
 Schep. for Schepotieff.
 Schill. for Schilling.
 Schill.-Torgau for Schilling-Torgau.
 Schmassm. for Schmassmann.
 Schneidem. for Schneidemûehl.
 Schneid. for Schneider.
 Schopf spelled out.
 Schrank spelled out.
 Scop. for Scopoli.
 Scudd. for Scudder.
 Seur. for Seurat.
 Sieb. for Siebold.
 Sis. for Sisoff, Sizov, or Sisov.
 .Skrj. for Skrjabin.
 Sl. for Shuiter.
 Sons. for Sonsino.
 Stev. for Stevenson.
 Stoss. for Stossich.
 Sw. for Swellengrebel.
 S., F., & W. for Smith, Fox, & White.

Tasch. for Taschenberg.
 Thomps. for Thompson.
 Thoms. for Thomson.
 Trav. for Travassos.
 Val. for Valenciennes.
 Vaull. for Vaullegeard.
 Vejd. for Vejdovsky.
 Wagn. for Wagner.
 Will.-Suhm for Willemoes-Suhm.

Williamson spelled out.
 Weinl. for Weinland.
 W., L., & R. for Weinberg, Leger, &
 Romanovitch.
 Wolffh. for Wolffhüegel.
 Zach. for Zacharias.
 Zed. for Zeder.
 Zsch. for Zschokke.

NAMES OF JOURNALS, ETC.

A list of short abbreviations of journals is given herewith to aid in tracing papers not included in the Authors' Catalogue. It has been found necessary to include the names of a few periodicals which are cited by various authors, but which we have not yet been able to verify; possibly some of these are erroneous quotations and others may be subtitles.

ABBREVIATIONS OF PERIODICALS, JOURNALS, ETC.

A.....Amtsarzt. Leipzig und Wien.
 AA.....Anatomischer Anzeiger. Jena.
 AAA.....Annali della reale Accademia d'Agricoltura di Torino. Torino.
 AAm.....Archives d'Anatomie microscopique. Paris.
 AaN.....Archiv für animalische Nahrungsmittelkunde. Wiesbaden.
 AAPwM.....Archiv für Anatomie, Physiologie und wissenschaftliche Medicin.
 Leipzig.
 AASfm.....Atti della r. Accademia delle Scienze fisiche e matematiche.
 Napoli.
 AB.....Archives de Biologie. Liège and Paris.
 AB Milan.....Archivio di Biologia. Milano.
 AbAB.....Arbeiten aus der biologischen Anstalt zu Berlin. Berlin.
 ABI.....Annales de Biologie lacustre. Bruxelles.
 AbM.....Archivos brasileiros de Medicina. Rio de Janeiro.
 ABnp.....See SAB.
 ACpi.....Atti del Congresso pellagrico italiano. Udine.
 AD.....Arch. Diagn. New York.
 AdH.....Archiv der Heilkunde. Leipzig.
 Ad'IP.....Annales de l'Institut Pasteur. Paris.
 AdP.....Archives de Parasitologie. Paris.
 AE.....American Entomologist. St. Louis.
 AEB.....American Entomologist and Botanist. St. Louis.
 AEO.....Archiv für Entwicklungsmechanik der Organismen. Leipzig
 AePP.....Archiv für experimentelle Pathologie und Pharmakologie.
 Leipzig.
 Aerzt. Int. Bl.....Aerztliches Intelligenz-Blatt. München.
 AF.....Archivio di Fisiologia. Firenze.
 AfA.....Archiv für Augenheilkunde. Wiesbaden.
 AfAS.....Association française pour l'Avancement des Sciences. Paris.
 AFJZ.....Allgemeine Forst- und Jagd-Zeitung. Frankfurt am Main.
 AfV.....Archiv für Verdauungskrankheiten, mit Einschluss der Stoff-
 wechsellpathologie und der Diätetik. Berlin.
 AG.....Agricultural Gazette of New South Wales. Sydney.
 AgC.....Archives générales de Chirurgie.
 AgM.....Archives générales de Médecine. Paris.

- AgP.....Archiv für die gesammte Physiologie des Menschen und der
Thiere. Bonn.
- AH.....Acta Helvetica physico-mathematico-botanico-medica. Basileæ.
- AHMc.....Annales d'Hygiène et de Médecine coloniales. Paris.
- AHP.....Archiv für Hydrobiologie und Planktonkunde. Stuttgart.
- AHPe.....Archivos de Hygiene e Pathologia exoticas. Lisboa.
- AHPML.....Annales d'Hygiène publique et de Médecine légale. Paris.
- AiB.....Archives italiennes de Biologie. Roma, Torino, Firenze.
- AiC.....Archives internationales de Chirurgie. Gand.
- AiCm.....Archivio italiano di Clinica medica. Milano.
- AIM.....Archives of Internal Medicine. Chicago.
- AiP.....Archives internationales de Physiologie. Liège and Paris.
- AiPT.....Archives internationales de Pharmacodynamie. Gand and Paris.
- AIs.....Annali d'Igiene sperimentale. Roma.
- AISC.....All-India Sanitary Conference. Lucknow.
- AJ.....Agricultural Journal. See also AJCGH.
- AJCGH.....Agricultural Journal of the Cape of Good Hope. Cape Town.
- AJMS.....American Journal of the Medical Sciences. Philadelphia.
- AJO.....American Journal of Ophthalmology. St. Louis.
- AJPH.....American Journal of Public Health. Boston.
- AJRM.....Atlanta Journal-Record of Medicine. Atlanta.
- AJTDPM.....American Journal of Tropical Diseases and Preventive Medicine.
New Orleans.
- AJU.....American Journal of Urology. New York.
- AJUSA.....Agricultural Journal of the Union of South Africa. Pretoria.
- AJVM.....American Journal of Veterinary Medicine. Chicago.
- AK.....Archiv für Kinderheilkunde. Stuttgart.
- AkC.....Archiv für klinische Chirurgie. Berlin.
- A.KCVC.....Alumnus, Kansas City Veterinary College.
- AkG.....Arbeiten aus dem kaiserlichen Gesundheitsamte. Berlin.
- Al.....Állatorvosi lapok. Budapest.
- Ala.MJ.....Alabama Medical Journal. Birmingham, Ala.
- ALAP.....Archivos Latino-Americanos de Pediatria. Buenos Aires.
- AM.....American Medicine. Philadelphia.
- AmA.....Archiv für mikroskopische Anatomie. Bonn.
- AMAdN.....Archives des Maladies de l'Appareil digestif et de la Nutrition.
Paris.
- Amb.....Archives médicales belges. Bruxelles.
- AmC.....See AmCZ.
- AMC.....American Medical Compend. Toledo, O.
- AMCi.....Annales de Médecine et Chirurgie infantiles. Paris.
- AmcP.....Rendiconti della Associazione medico-chirurgica di Parma.
- AMCT.....Australasian Medical Congress. Transactions. Melbourne, Vic-
toria.
- AMCVS.....Archives des Maladies du Cœur, des Vaisseaux et du Sang.
Paris.
- AmCZ.....Allgemeine medicinische Central-Zeitung. Berlin.
- AME.....Archives de Médecine des Enfants. Paris.
- AMeAp.....Archives de Médecine expérimentale et d'Anatomie patho-
logique. Paris.
- AMG.....Australian Medical Gazette. Melbourne and Sydney.
- AMH.....Archives of the Middlesex Hospital. London.
- AMJ.....American Medical Journal. St. Louis.
- AMM.....American (The) Medical Monthly. New York and Baltimore.

- | | |
|----------------------|--|
| AMMJ..... | American Monthly Microscopical Journal. Washington, D. C. |
| AMn..... | Archives de Médecine navale. Paris. |
| AMn Roma..... | Annali di Medicina navale. Roma. |
| AMnc..... | Annali di Medicina navale e coloniale. Roma. |
| AMNH..... | Annals and Magazine of Natural History. London. |
| AMPm..... | Archives de Médecine et de Pharmacie militaires. Paris. |
| AMPn..... | Arch. de Méd. et Pharm. navales. |
| Amtsbl. d. k. R..... | Amtsblatt des k. Regierungsbezirks zu——. |
| AMv..... | Annales de Médecine vétérinaire. Bruxelles. |
| AMzNap..... | Annuario del Museo zoologico della r. Università di Napoli. |
| AMz Petrograd..... | Annuaire du Musée zoologique de l'Académie Impériale des Sciences. |
| AN..... | Archiv für Naturgeschichte. Berlin. |
| A & N..... | Alienist and Neurologist. St. Louis. |
| ANV..... | Arbeiten des Naturforscher-Vereins zu Riga. |
| AnV Bremen..... | Abhandlungen naturforschenden Vereins zu Bremen. |
| AO..... | Annali di Ottalmologia. Pavia. |
| AP..... | Archives of Pediatrics. New York. |
| ApAP..... | Archiv für pathologische Anatomie und Physiologie und für klinische Medicin (Virchow's). Berlin. |
| APHA..... | American Public Health Association. Reports and papers. Cambridge. |
| APN..... | American Practitioner and News. Louisville, Ky. |
| APnp..... | Archives de Physiologie normale et pathologique. Paris. |
| ArAAT..... | See AAA. |
| ArA Lincei..... | Atti della reale Accademia dei Lincei. Roma. |
| ArAM..... | Anales de la real Academia de Medicina. Madrid. |
| ArAS..... | Atti della reale Accademia delle Scienze di Torino. |
| ARSBHM..... | Annual Report of the State Board of Health of Massachusetts. Boston. |
| AS..... | Annals of Surgery. St. Louis and Philadelphia. |
| ASB..... | American Sheep Breeder. Chicago. |
| ASG..... | Agricultural Students' Gazette. Cirencester. |
| ASL Bordeaux..... | Actes de la Société Linnéenne de Bordeaux. |
| ASISn..... | Atti della Società ligustica di Scienze naturali e geografiche. Genova. |
| ASm..... | Archivio per le Scienze mediche. Torino. |
| ASmc..... | Annales de la Société médico-chirurgicale de Liège. |
| ASmcA..... | Annales de la Société médico-chirurgicale d'Anvers. |
| ASMG..... | Annales de la Société de Médecine de Gand. |
| ASn..... | Annales des Sciences naturelles, etc. Paris. |
| ASpn..... | Archives des Sciences physiques et naturelles. Genève. |
| AsrSAvi..... | Archivio scientifico delle reale Società ed Accademia veterinaria italiana. Torino. |
| ASrzm..... | Annales de la Société royale, zoologique et malacologique. Bruxelles. |
| ASs..... | Annales de la Société scientifique de Bruxelles. |
| ASsC..... | Actes de la Société scientifique du Chili. Santiago. |
| AST..... | Archiv für Schiffs- und Tropen-Hygiene. Cassel. |
| ASTM..... | American Society of Tropical Medicine. |
| ASZ..... | Aerztliche Sachverständigen-Zeitung. Berlin. |
| ATMH..... | Annals of Tropical Medicine and Hygiene. London. |
| ATMP..... | Annals of Tropical Medicine and Parasitology. Liverpool. |
| AUL..... | Annales de l'Université de Lyon. Lyon and Paris. |

- Av.....Arhiva veterinară. Bucharest.
 AVFN.....Archiv des Vereins der Freunde der Naturgeschichte in Mecklenburg.
 Avn.....Archiv veterinarnich nauk, etc. Petrograd.
 AVR.....American Veterinary Review. New York.
 AWmZ.....Allgemeine Wiener medizinische Zeitung. Wien.
 AwpT.....Archiv für wissenschaftliche und praktische Thierheilkunde. Berlin.
 AZ.....Archiv für Zellforschung. Leipzig.
 Az.....Archivio zoologico. Napoli.
 AZe.....See AZeg.
 AZeg.....Archives de Zoologie expérimentale et générale. Paris.
 AzIW.....Arbeiten aus dem zoologischen Institute der Universität Wien und der zoologischen Station in Triest. Wien.
 B....."Biologica." Torino.
 BAE.....British Antarctic Expedition.
 BaiS.....Bulletin de l'Académie impériale des Sciences de Pétrograd.
 BAM.....Bulletin de l'Académie de Médecine. Paris.
 BAMPR.....Boletín de la Asociación médica de Puerto Rico. San Juan, P. R.
 BaRM.....Bulletin de l'Académie royale de Médecine de Belgique. Bruxelles.
 BATK.....Blätter für Aquarien- und Terrarienkunde. Stuttgart.
 BB.....Biological Bulletin. Boston.
 BC.....Biologisches Centralblatt. Erlangen und Leipzig.
 BCD, CSBH.....Bureau of Communicable Diseases, California State Board of Health.
 BdC.....Bolletino delle Cliniche. Milano.
 BF.....Bulletin of the U. S. Fish Commission. Washington, D. C.
 BfL.....Bibliothek for Læger. Kjøbenhavn.
 BFSBH.....Bulletin of the State Board of Health of Florida. Jacksonville.
 BfZ.....Blätter für Zuckerrübenbau. Berlin.
 BG.....Breeder's Gazette. Chicago.
 BGMA.....British Guiana Medical Annual and Hospital Reports. Demerara.
 BiAS.....Bulletin international de l'Académie des Sciences de Cracovie.
 BinI.....Boletín del Instituto nacional de Igiene. Madrid.
 BIP.....Bulletin de l'Institut Pasteur. Paris.
 BJHH.....Bulletin of Johns Hopkins Hospital. Baltimore.
 BkC.....Beiträge zur klinischen Chirurgie. Tübingen.
 BkW.....Berliner klinische Wochenschrift. Berlin.
 Bl. f. Gsmdhtspfllg.....Blätter für Gesundheitspflege. Zürich.
 BLH.....Bulletin of the Lying-in Hospital. New York.
 BLNH.....Bulletin of the Laboratory of Natural History, State University. Iowa City.
 Bm.....Brazil-medico. Rio de Janeiro.
 BmA.....Bulletin médical de l'Algérie. Alger.
 BMHn.....Bulletin du Muséum d'Histoire naturelle. Paris.
 BMJ.....British Medical Journal. London.
 BMMS.....Bulletin Manila Medical Society. Manila.
 BMP.....See BMHn.
 BMPST.....See TMPST.
 BMSa.....Bulletins et Mémoires de la Société anatomique de Paris.
 BMSCP.....Bulletins et Mémoires de la Société de Chirurgie de Paris.

- BMSJ.....Boston Medical and Surgical Journal. Boston.
 BMSMCp.....Bulletins et Mémoires de la Société de Médecine et de Chirurgie
 pratiques de Paris.
 BMSmH.....Bulletins et Mémoires de la Société médicale des Hôpitaux de
 Paris.
 BMZAc.....Bollettino dei Musei di Zoologia e Anatomia comparata della
 reale Università di Genova.
 BNCBH.....Bulletin of the North Carolina Board of Health. Raleigh.
 BNCP.....History & Proceedings of the Berwickshire Naturalists' Club.
 Alnwick.
 BNCSBA.....Bulletin of the North Carolina State Board of Agriculture.
 Raleigh.
 BNT.....Bulletin of the Northern Territory. Melbourne.
 BoGNH.....Berichte der oberhessischen Gesellschaft für Natur- und Heil-
 kunde. Giessen.
 BOiHp.....Bulletin de l'Office internationale d'Hygiène publique. Paris.
 BpAaP.....Beiträge zur pathologischen Anatomie und zur allgemeinen
 Pathologie. Jena.
 BRSBHC.....Biennial Report of the State Board of Health of California.
 Sacramento.
 BRSBHT.....Biennial Report of the State Board of Health of Tennessee.
 Nashville.
 Bs.....Bulletin scientifique de la France et de la Belgique. Paris.
 BSa.....Bulletins de la Société anatomique de Paris.
 BSBHK.....Bulletin of the State Board of Health of Kentucky. Frankfort.
 BSBHT.....Bulletin of the State Board of Health of Tennessee. Nashville.
 BSCAES.....Bulletin of the South Carolina Agricultural Experiment Station.
 Columbia.
 BScMv.....Bulletin de la Société centrale de Médecine vétérinaire. Paris.
 BSeHn.....Boletín de la Sociedad española de Historia natural. Madrid.
 BSei.....Bollettino della Società entomologica italiana. Firenze.
 BSHnA.....Bulletin de la Société d'Histoire naturelle de l'Afrique du
 Nord. Alger.
 BSiN.....Bulletin de la Société impériale des Naturalistes de Moscou.
 BSLO.....Bollettino della Società Lancisiana degli Ospedali di Roma.
 BSM.....Bulletin de la Société de Médecine. Lausanne.
 BSmB.....Bullettino delle Scienze mediche, di Bologna.
 BSmcIC.....Bulletin de la Société médico-chirurgicale de l'Indo-Chine.
 Hanoi, Haiphong.
 BSmcP.....Bollettino della Società medico-chirurgica di Pavia. Milano.
 BSmH.....Bulletin de la Société médicale des Hôpitaux de Lyon.
 BSMmf.....Bulletin de la Société de Médecine militaire française. Paris.
 BSmP.....Bollettino della Società medica di Parma.
 BSN.....Bollettino della Società di Naturalisti in Napoli.
 BSnA.....Bulletin de la Société nationale d'Acclimatation de France.
 Paris.
 B.Soc.Med.Imp....Boston Society for Medical Improvement.
 BSp.....Bulletin des Sciences pharmacologiques. Paris.
 BSpE.....Bulletin de la Société de Pathologie exotique. Paris.
 BSpP.....Bulletin de la Société philomatique de Paris. Paris.
 BSrSz.....Bollettino della Società romana per gli Studi zoologici. Roma.
 BSRzmb.....See ASrzm.
 BSSbM.....Bulletin des Séances de la Société belge de Microscopie. Bru-
 xelles.

- BSsm.....Bulletin de la Société scientifique et médicale de l'Ouest.
Rennes.
- BSSv.....Bulletin de la Société de la Science vétérinaire de Lyon.
- BSvSn.....Bulletin de la Société vaudoise des Sciences naturelles. Lau-
sanne.
- BSzF.....Bulletin de la Société zoologique de France. Paris.
- BSzi.....Bollettino della Società zoologica italiana. Roma.
- BtdD.....Bijdragen tot de Dierkunde, etc. Leiden.
- BtW.....Berliner thierärztliche Wochenschrift. Berlin.
- BTs.....Biochemica e Terapia sperimentale.
- BU.....Biologische Untersuchungen. Stockholm.
- Buffalo MSJ.....Buffalo Medical and Surgical Journal. Buffalo.
- BVImKP.....Bericht über das Veterinär-Institut mit Klinik und Poliklinik
bei der Universität. Leipzig.
- BVK Sachs.....Bericht über den Veterinärwesen im Königreich Sachsen.
Dresden.
- BVsGW.....Berichte über die Verhandlungen der königlichen sächsischen
Gesellschaft der Wissenschaften. Leipzig.
- CaeB.....Centralblatt für allgemeine und experimentelle Biologie. Leip-
zig.
- Cat. RCSL.....Catalogue of the Royal College of Surgeons in London.
- CBaäVT.....Correspondenz-Blätter des allgemeinen ärztlichen Vereins von
Thüringen. Weimar.
- CBäKBVK Sachs...Correspondenz-Blatt der aertzlichen Kreis- und Bezirks-Vereine
im Königreich Sachsen. Leipzig.
- CCm.....Cronaca della Clinica medica di Genova.
- CfB.....Centralblatt für Bacteriologie und Parasitenkunde. Jena.
- CfP.....Centralblatt für Physiologie. Leipzig und Wien.
- CGMC.....Centralblatt für die Grenzgebiete der Medizin und Chirurgie.
Jena.
- CgP.....Centralblatt für die gesammte Physiologie. See (?) also (PPS).
- CIK.....Chinsei Iho Kumamoto. Chinsei, Japan.
- CiMP.....Congr. intern. Med. Pediatr.
- CIS.....Chiugai Iji Shinpo. Tokio.
- CJ.....Clinical Journal. London.
- CL.....Country Life. Cambridge, Eng.
- Cle.....Časopis lékařův českých. Praise.
- Clín. Mal.....La Clínica de Málaga. Malaga.
- Clin. vet.....Clinica (La) veterinaria. Milano.
- Cm.....Correspondant (Le) médical. Paris.
- CME.....Chicago Medical Examiner. Chicago.
- CmF.....Congrès médical de France. Paris.
- Cmi.....Clinica medica italiana. Milano.
- CMJ.....Charlotte Medical Journal. Charlotte, N. C.
- CMMJ.....China Medical Missionary Journal. Shanghai.
- Cmp.....Centre (Le) médical et pharmaceutique. Gannat, France.
- CmqH.....Crónica médico-quirúrgica de la Habana. Habana, Cuba.
- CMT.....Chicago Medical Times. Chicago.
- CmW.....Centralblatt für die medicinischen Wissenschaften. Berlin.
- Co.....Clinica (La) ostetrica. Roma.
- CPA.....Centralblatt für allgemeine Pathologie und pathologische
Anatomie. Jena.
- CPLIPM.....Collected Papers of the Lister Institute of Preventive Medicine.
London.

- CPM.....Catalogue of the Pathological Museum. Cairo.
- CPPS.....Centralblatt für die gesammten Physiologie und Pathologie des Stoffwechsels. Berlin und Wien.
- CrAA.....Comptes rendus de l'Association des Anatomistes. Paris & Nancy.
- CrAS.....Comptes rendus hebdomadaires des Séances de l'Académie des Sciences. Paris.
- Cron.med.....Crónica (La) médica. Lima, Peru.
- CrSB.....Comptes rendus des Séances et Mémoires de la Société de Biologie. Paris.
- CrSmHt.....Comptes rendus de la Société médicale et de l'Hygiène tropicale.
- Cs.....Corriere sanitario. Milano.
- CSA.....Correspondenz-Blatt für Schweizer Aerzte. Basel.
- CsHp.....Conseil supérieur d'Hygiène publique. Bruxelles.
- CSJM.....California State Journal of Medicine. San Francisco.
- CSV.....Centralblatt für Stoffwechsel- und Verdauungs-Krankheiten. Göttingen.
- Cv.....Clinica veterinaria. Milano.
- CyL.....Clinica y Laboratorio, revista quincenal de especialidades médicas. Zaragoza.
- CZ.....Chirio Zasshi. Tokyo.
- CZaeB.....Centralblatt für Zoologie, allgemeine und experimentelle Biologie Leipzig & Berlin.
- DAkM.....Deutsches Archiv für klinische Medicin. Leipzig.
- DFZ.....Deutsche Fleischbeschauer-Zeitung. Berlin.
- DJMS.....Dublin (The) Journal of Medical Science. Dublin.
- DK.....Deutsche Klinik. Berlin & Stuttgart.
- DIP.....Deutsche landwirtschaftliche Presse. Berlin.
- DMCp.....Dictionnaire de Médecine et de Chirurgie pratique. Paris.
- DMJ.....Detroit Medical Journal. Detroit.
- DMP.....Dublin Medical Press. Dublin.
- DMTUMJ.....Denver (The) Medical Times and Utah Medical Journal. Denver.
- DmW.....Deutsche medicinische Wochenschrift. Leipzig und Berlin.
- DMZ.....Deutsche Medizinal-Zeitung. Berlin.
- DpHn.....Dictionnaire pittoresque d'Histoire naturelle. Paris.
- DSVZ.....Deutsche Schlacht- und Viehhof Zeitung. Berlin.
- DtW.....Deutsche tierärztliche Wochenschrift. Karlsruhe und Hannover.
- Dv.....Dizionario veterinario. Torino.
- DVöG.....Deutsche Vierteljahrsschrift für öffentliche Gesundheitspflege. Braunschweig.
- DZ.....Deutsche (Die) Zuckerindustrie. Berlin.
- DZC.....Deutsche Zeitschrift für Chirurgie. Leipzig.
- DZTvP.....Deutsche Zeitschrift für Thiermedecin und vergleichende Pathologie. Leipzig.
- E.....Estudio (El). México.
- EAB.....Expédition Antarctique Belge.
- EaP.....Ergebnisse der allgemeinen Pathologie und pathologischen Anatomie des Menschen und der Tiere. Wiesbaden.
- EFZ.....Ergebnisse und Fortschritte der Zoologie. Jena.
- EJ.....Entomologisches Jahrbuch. Leipzig.
- EMERSM.....See RSMME.
- EMJ.....Edinburgh (The) Medical Journal. Edinburgh.
- EmN.....Echo (L') médical du Nord. Lille.

- EN.....Entomologische Nachrichten. Berlin.
 Encycl.méth.....Encyclopédie méthodique.
 EPRDS.....Economic Proceedings of the Royal Dublin Society. Dublin.
 ESR.....Experiment Station Record. Washington, D. C.
 Ev.....Echo (L') vétérinaire. Liège.
 EVR.....Edinburgh Veterinary Review. Edinburgh.
 EWmW.....Encyclopädisches Wörterbuch der medicinischen Wissenschaften.
 Berlin.
 EZ.....Entomologische Zeitung. Stettin.
 F.....Fracastoro. Verona.
 Fh.....Folia haematologica. Berlin.
 FH.....Festschrift zum sechzigsten Geburtstag Richard Hertwigs. Jena.
 FIIN.....Florida Health Notes. Jacksonville.
 FLsH.....Finska Läkare-sällskapets Handlingar. Helsingfors, Finland.
 FM.....Fortschritte der Medicin. Berlin.
 Fr.méd.....France (La) médicale. Paris.
 Fs.....Folia serologica. Leipzig.
 FVH.....Fortschritte der Veterinär-Hygiene. Berlin.
 FZP.....Frankfurter Zeitschrift für Pathologie. Wiesbaden.
 G.....Gyógyászat. Budapest.
 GC.....Geneeskundige Courant voor het Koninkrijk der Nederlanden.
 Tiel.
 GCp.....Gaceta de Ciencias pecuarias. Madrid.
 GdH.....See GHcm.
 GdIH.....Gaceta de los Hospitales. Valencia.
 GdO.....Gazzetta degli Ospedali. Milano.
 GdOC.....Gazzetta degli Ospitali e delle Cliniche. Milano.
 Gen.-Ber. ü. d. öff. General-Bericht über das öffentliche Gesundheitswesen im
 Ges. Regierungsbezirk —.
 GG.....Gazette de Gynécologie. Paris.
 GH.....Good Health. Battle Creek, Michigan.
 GHcm.....Gazette des Hôpitaux civils et militaires. Paris.
 GhMC.....Gazette hebdomadaire de Médecine et de Chirurgie. Paris.
 GhSmB.....Gazette hebdomadaire des Sciences médicales de Bordeaux.
 GiM.....Gazzetta internazionale di Medicina. Napoli.
 GiSm.....Giornale internazionale delle Scienze mediche. Napoli.
 GL.....Gazeta Lekarska. Warszawa, Poland.
 G. l'Impar.....L'Imparziale. Giornale degli interessi scientifici, etc. Firenze.
 Gm.....Gazzetta medica di Torino. Torino.
 GmB.....Gazeta medica da Bahia. Bahia.
 Gmc.....Gaceta médica catalana. Barcelona.
 GmC.....Gaceta médica de Carácas. Carácas, Venezuela.
 GmCR.....Gaceta médica de Costa Rica. San José de C. R.
 GmdT.....See Gm.
 Gmi.....Gazzetta medica italiana. Torino.
 Gml.....Gazzetta medica lombarda. Milano.
 GmM.....Gazzetta medica delle Marche. Civitanova-Marche.
 GmN.....Gaceta médica del Norte. Bilbao.
 GmO.....Gazette médicale d'Orient. Constantinople.
 GmP.....Gazette médicale de Paris; journal de médecine et des sciences
 accessoires. Paris.
 GmrE.....Giornale medico del regio Esercito. Roma.
 GMv.....Giornale di Medicina veterinaria. Torino.
 GN.....Glasgow Naturalist. Glasgow.

- GP**.....General (The) Practitioner. St. Louis.
GrAM.....Giornale delle reale Accademia di Medicina di Torino.
GrSAvi.....Giornale della reale Società ed Accademia veterinaria italiana.
 Torino.
GrSrv.....Giornale della reale Società nazionale veterinaria. Torino.
Gs.....Gazzetta sanitaria. Catania.
GSJMS.....Gulf States Journal of Medicine and Surgery. Mobile, Ala.
GSM.....Gaillard's Southern Medicine. Savannah, Ga.
GSmM.....Gazette de la Science médicale de Montpellier.
GTNI.....Geneeskundig Tijdschrift voor Nederlandsch Indië. Batavia.
H.....Hússzemle. Budapest.
HB,SBHM.....Health Bulletin, State Board of Health of Mississippi.
HBUM.....Hospital Bulletin of the University of Maryland. Baltimore.
HC.....Hygienisches Centralblatt. Leipzig.
HdH.....Handbuch der Hygiene. Jena.
HdT.....Handbuch der Tropenkrankheiten (Mense). Leipzig.
HgT.....Handbuch der gesammten Therapie (Penzoldt u. Stintzing).
 Jena.
HpM.....Handbuch der pathogenischen Microorganismen (Kolle u. Was-
 sermann). Jena.
HR.....Hygienische Rundschau. Berlin.
H-R.....Heilmittel-Revue.
HSW.....Helminthological Society of Washington.
HT.....Hospitals-Tidende. Kjøbenhavn.
HVL.....Hygiène (L') de la Viande et du Lait. Évreux.
IC.....International Clinics. Philadelphia.
ICHD.....International Congress of Hygiene and Demography. Transac-
 tions.
ICZ.....International Congress of Zoology. Proceedings.
IHC.....International Health Commission.
IJMR.....Indian Journal of Medical Research. Calcutta.
IMG.....Indian Medical Gazette. Calcutta.
IMJ.....Illinois Medical Journal. Ottawa and Springfield.
IMM.....International Medical Magazine. Philadelphia.
IN.....Irish Naturalist. Dublin.
IVC.....International Veterinary Congress.
J.....Janus. Amsterdam (? and Haarlem).
JAMA.....Journal of the American Medical Association. Chicago.
JAMS.....Journal of the Arkansas Medical Society. Little Rock.
JAP.....Journal de l'Anatomie et de Physiologie normales et patholo-
 giques de l'Homme et des Animaux. Paris.
JAR.....Journal of Agricultural Research. Washington.
JAVA.....See JAVMA.
JAVMA.....Journal of the American Veterinary Medical Association. Ithaca,
 N. Y.
JBC.....Journal of Biological Chemistry. New York.
JBNHS.....Journal of the Bombay Natural History Society. Bombay.
JCD.....Journal (The) of Cutaneous and Venereal Diseases. New York.
JCMS.....Journal of Comparative Medicine and Surgery. Philadelphia.
JCMVA.....Journal of Comparative Medicine and Veterinary Archives.
 Philadelphia.
JCPT.....Journal (The) of Comparative Pathology and Therapeutics.
 Edinburgh, London.
JCTi.....Journal de Clinique et de Thérapeutique infantiles. Paris.

- JDA.....Journal of the Department of Agriculture of Victoria. Melbourne.
- JDATII.....Journal of the Department of Agriculture and Technical Instruction for Ireland. Dublin.
- JdM.....Journal de Médecine de Paris. Paris.
- JdMBruxelles.....Journal de Médecine. Bruxelles.
- JDmG.....Denkschriften der medicinisch-naturwissenschaftlichen Gesellschaft zu Jena.
- JdP.....Journal de Physique, de Chimie, d'Histoire naturelle et des Arts. Paris.
- JEB.....Journal (The) of Economic Biology. London.
- JEM.....Journal (The) of Experimental Medicine. New York.
- JEZ.....Journal of Experimental Zoology. Baltimore.
- JfBS.....Jahrbuch für Bremische Statistik. Bremen.
- JFTC.....Jahres-Bericht über die Fortschritte der Tier-Chemie. Wiesbaden.
- JH.....Journal d'Hygiène. Paris.
- JH, Camb.....Journal (The) of Hygiene. Cambridge, England.
- JHHR.....Johns Hopkins Hospital Reports. Baltimore.
- JID.....Journal (The) of Infectious Diseases. Chicago.
- JISMS.....Journal of the Iowa State Medical Society.
- JK.....Jahrbuch für Kinderheilkunde und physische Erziehung. Leipzig & Wien.
- JLGVM.....Jahresbericht über die Leistungen auf dem Gebiete der Veterinär-Medicin. Berlin.
- JLSTM.....Journal of the London School of Tropical Medicine. London.
- JM.....Journal of Morphology. Boston.
- JmB.....Journal médicale de Bruxelles. Bruxelles.
- JMB.....Journal de Médecine de Bordeaux. Bordeaux.
- JMcS.....Journal des Maladies cutanées et syphilitiques. Paris.
- JMMA.....Journal of the Minnesota Medical Association.
- JMMA.....See JMSMA.
- JMMH.....Journal of Meat and Milk Hygiene. London.
- JMR.....Journal of Medical Research. Boston.
- JMS.....Journal of the Medical Society of New Jersey. Newark.
- JMSMA.....Journal of the Missouri State Medical Association. St. Louis.
- JMvZ.....Journal de Médecine vétérinaire et de Zootechnie. Lyon.
- JnG.....Jahresbericht der naturhistorischen Gesellschaft zu Hannover.
- JNMA.....Journal of the National Medical Association. Tuskegee, Alabama.
- JNMMS.....Journal of the New Mexico Medical Society. Albuquerque.
- JO.....Journal Officiel.
- JOSMA.....Journal of the Oklahoma Medical Association. Muskogee.
- JP.....Journal of Parasitology. Urbana, Illinois.
- JPAS.....Journal and Proceedings of the Asiatic Society of Bengal. Calcutta.
- JPB.....Journal of Pathology and Bacteriology. London.
- JPC.....Journal de Pharmacie et de Chimie. Paris.
- JPPg.....Journal de Physiologie et de Pathologie générale. Paris.
- JPRS.....Journal and Proceedings of the Royal Society of New South Wales. Sydney.
- JRAMC.....Journal of the Royal Army Medical Corps. London.
- JRAS.....Journal (The) of the Royal Agricultural Society of England, London.
- JRIID.....Japanese Royal Institute for Infectious Diseases. Tokio.

- JRI PH.....Journal of the Royal Institute of Public Health. London.
 JRMS.....Journal of the Royal Microscopical Society. London.
 JSCMA.....Journal (The) of the South Carolina Medical Association.
 Charleston.
 JSDV.....Journal of the Society for the Destruction of Vermin. London.
 JSEAC.....Journal of the South Eastern Agricultural College. Wye, Eng-
 land.
 JsF.....Jahrbuch des schlesischen Forstvereins. Breslau.
 JSMA.....Journal of the Southern Medical Association. Shreveport, La.
 JSmL.....Journal des Sciences médicales de Lille. Lille.
 JSSmL.....Jornal da Sociedade das Sciencias medicas de Lisboa. Lisboa.
 JTM.....Journal of Tropical Medicine. London.
 JTMA.....Journal of the Tennessee Medical Association.
 JTMH.....Journal of Tropical Medicine and Hygiene. London.
 J Tokyo MA.....Journal of the Tokyo Medical Association. Tokio.
 JTVS.....Journal (The) of Tropical Veterinary Science. Calcutta.
 JVB T Preussen.....See VJB T Preussen.
 JVTdR.....Jahresbericht über die Verbreitung von Tierseuchen im
 deutschen Reiche. Berlin.
 JVVN.....Jahreshefte des Vereins für vaterländische Naturkunde in
 Württemberg. Stuttgart.
 JWAS.....Journal of the Washington Academy of Sciences. Washington
 D. C.
 K.....Kosmos. Leipzig.
 Kaz. MJ.....Kazanskiy Meditsinskiy Jurnal. Kazan.
 KBNV Riga.....Korrespondenz-Blatt des Naturforscher-Vereins zu Riga. Riga.
 KCVCQ.....Kansas City Veterinary College Quarterly. Kansas City.
 Khark. MJ.....Kharkovskiy Meditsinskiy Jurnal, izdavayemiy Kharkovskim,
 etc. Kharkov.
 KJ.....Klinisches Jahrbuch. Berlin.
 KMA.....Klinische Monatsblätter für Augenheilkunde. Stuttgart.
 KMJ.....Kentucky Medical Journal. Louisville.
 KMSJ.....Kansas City Medical and Surgical Journal. Kansas City, Mo.
 KtW.....Klinisch-therapeutische Wochenschrift. Wien.
 L.....Lancet (The). London.
 LB.....Landmands-Blade. Kjøbenhavn.
 Lc.....Lyon chirurgical. Lyon.
 L-C.....Lancet-Clinic (The). Cincinnati.
 LCMi.....Lavori dei Congressi di Medicina interna. Milano.
 LIMJ.....Long Island Medical Journal. Brooklyn.
 Lm.....Lyon médical. Lyon.
 LMG.....London Medical Gazette. London.
 LMJMS.....Louisville Monthly Journal of Medicine and Surgery. Louis-
 ville, Ky.
 Lr.....Lékařské rozhledy. Praha, Poland.
 Ltl.....Lwowski tygodnik lekarski. Lwów, Poland.
 M.....Memorabilien. Heilbronn.
 MA.....Merck's Archives of the Materia Medica and its Uses. New York.
 MAES.....Michigan Agricultural Experiment Station.
 MAnC.....Miscellanea curiosa medico-physics Academiae naturæ curio-
 sorum, etc. Francofurti et Lipsiæ.
 MAs.....Medicina (La) delle Assicurazioni sociali. Milano.
 MBdS.....Medicinal-Berichte über die deutschen Schutzgebiete. Berlin.
 MBSBHI.....Monthly Bulletin of the State Board of Health of Iowa.

- Mc.....Medicina contemporanea. Lisbon.
MOMB.....Monthly Cyclopædia and Medical Bulletin. Philadelphia.
Md.MJ.....Maryland Medical Journal. Baltimore.
ME.....Med. Entom.
Med.....Medicine. Detroit.
Med. Ex.....Medical Examiner. New York.
Méd. mod.....Médecine (La) moderne. Paris.
MEETHR.....Manhattan Eye, Ear and Throat Hospital Report. New York.
MfD.....Maanedsskrift for Dyr læger. Kjøbenhavn.
MfK.....Monatsschrift für Kinderheilkunde. Leipzig und Wien.
MfS.....Maanedsskrift for Sundhedspleje.
MGG.....Monatsschrift für Geburtshülfe und Gynäkologie. Berlin.
MGiMK.....Mittheilungen der Gesellschaft für innere Medecin und Kinder-
heilkunde in Wien.
Mh.....Mouvement (Le) hygiénique. Bruxelles.
Mi.....Medicina (La) italiana. Napoli.
MiKl.....Medycyna (?i Kronika lekarska). Warszawa.
MIOC.....Memorias do Instituto Oswaldo Cruz. Rio de Janeiro.
MjGiM.....Mittheilungen der japanischen Gesellschaft für innere Medicin.
MJMS.....Monthly Journal of Medical Science. London and Edinburgh.
MK.....Medizinische Klinik. Berlin.
MkbA.....Mittheilungen aus der kaiserlichen biologischen Anstalt für
Land- und Forstwirtschaft. Berlin.
MkvLS.....Meddelelser fra den kgl. Veterinær- og Landbohøskoles Serum-
laboratorium. Kjøbenhavn.
Mm.....Montpellier médical. Montpellier.
MM.....Modern Medicine (Osler). Philadelphia and New York.
MmF.....Mittheilungen aus der medicinischen Facultät der kaiserlich-
japanischen Universität. Tokio.
MmGT.....Mittheilungen der medicinischen Gesellschaft zu Tokyo.
MMJ.....Montreal Medical Journal. Montreal.
MMM.....Memphis Medical Monthly, or Mississippi Valley Medical
Monthly. Memphis.
MMN.....Michigan Medical News. Grand Rapids.
MMSJ.....Mobile (The) Medical and Surgical Journal. Mobile, Ala.
MMvs.....Messager de Médecine vétérinaire sociale. (See Vestnik obshest-
vennoi veterinarii.) Petrograd.
MmW.....Münchener medicinische Wochenschrift. München.
MN.....Medical (The) News. New York.
MNA.....Medizinisch-naturwissenschaftliches Archiv. Berlin und Wien.
MNH.....Magazine of Natural History. London.
MO.....Meditinskoye Obozreniye. Moskva.
Mod. Med.....Moderna (La) Medicina. Torino.
Monatsbl. f. öff. Ges. Monatsblatt für öffentliche Gesundheitspflege. Braunschweig.
MpD.....Monatshefte für praktische Dermatologie. Leipzig.
MpT.....Monatshefte für praktische Thierheilkunde. Stuttgart.
MR.....Medical (The) Record. New York.
MRR.....Medical Review of Reviews. New York.
MRScAA.....Memorias y Revista de la Sociedad científica "Antonio Alzate."
México.
MS.....Military (The) Surgeon. Carlisle, Pa.
MSM.....Medical and Surgical Monitor. Indianapolis.
MSMSJ.....Journal [?Transactions] of the Michigan State Medical Society.
Detroit.

- MSR.....Medical and Surgical Reporter. Philadelphia.
MSRBCH.....Medical and Surgical Report of the Boston City Hospital. Boston.
MSRBH.....Medical and Surgical Report of the Bellevue Hospital. New York.
MSRPH.....Medical and Surgical Report of the Presbyterian Hospital in the City of New York.
MSRSLH.....Medical and Surgical Report of St. Luke's Hospital. Poughkeepsie.
MSz.....Mémoires de la Société zoologique de France. Paris.
MT.....See MPT.
Mte.....Mathematikai és természettudományi értesítő. Budapest.
MTG.....Medical Times and Gazette. London.
MtK.....Mathematikai és természettudományi Közlemények. Budapest.
MtW.....Münchener tierärztliche Wochenschrift. München.
MVANO.....Mittheilungen des Vereins der Aerzte in Nieder-Oesterreich. Wien.
MVB.....Mulford's Veterinary Bulletin. Philadelphia.
MVdS.....Mittheilungen der Vereinigung deutscher Schweinezüchter. Berlin.
MVTO.....Monatsschrift des Vereins der Thierärzte des Oesterreichs.
MW.....Medisch Weekblad voor Noord- en Zuid-Nederland. Amsterdam.
Mz.....Moderno (Il) zooiatro. Torino.
MzM.....Mittheilungen aus der zoologischen Sammlung des Museums für Naturkunde in Berlin.
N.....Nature. London.
NAENH.....National Antarctic Expedition of Natural History. London.
NC.....Nova Caledonia (F. Sarasin u. J. Roux). Wiesbaden.
Nederl. Staats-Cour.....Nederlandische Staats-Courant.
NJMS.....Netherlands (The) Journal of Medicine and Surgery. Nashville, Tenn.
NJMSJ.....New Jersey Medical and Surgical Journal.
NL.....Northwestern Lancet. St. Paul, Minn.
NML.....Norsk Magazin for Lægevidenskaben. Christiania, Norway.
NMMJ.....New Mexico Medical Journal.
NMN.....Nyt Magazin for Naturvidenskaberne. Christiania, Norway.
NOMSJ.....New Orleans (The) Medical and Surgical Journal. New Orleans.
NR.....Naturwissenschaftliche Rundschau. Braunschweig.
NTG.....Nederlandsch Tijdschrift voor Geneeskunde, etc. Amsterdam.
NTMT.....Nouveau Traité de Médecine et de Thérapie (Brouardel et Gilbert). Paris.
NTT.....Nordisk Tidsskrift for Terapi. Kjøbenhavn.
NVT.....Norsk Veterinær-Tidsskrift. Kristiania.
NW.....Naturwissenschaftliche Wochenschrift. Jena und Berlin.
NYMJ.....New York (The) Medical Journal. New York.
NYMT.....New York (The) Medical Times. New York.
NYPS.....See PNYPS.
NZ.....Novitates Zoologicae. (Zool. Mus. Tring.) London.
ODJMS.....Old Dominion Journal of Medicine and Surgery. Richmond, Va.
OdV.....Oversigt over det kongelige Danske Videnskabernes Selskabs Forhandlinger, [etc.] Kjøbenhavn.
OEMT.....Oesterreichische Monatsschrift für Thierheilkunde. Wien.
Oh.....Orvosi hetilap. Budapest.
OK.....Ophthalmologische (Die) Klinik. Stuttgart.

- OmRsp.....Ospedale (L') maggiore. Rivista scientifico-pratica, etc. Milano.
 OMT.....Occidental Medical Times. Sacramento and San Francisco.
 ON.....Ohio Naturalist. Columbus.
 OP.....Old Penn. Philadelphia.
 OSB.....Ohio Sanitary Bulletin. Columbus.
 OUZZL.....Oesterreichisch-ungarische Zeitschrift für Zuckerindustrie und
 Landwirtschaft. Wien.
 OvD.....See OdV.
 OVG.....Oesterreichische Vierteljahresschrift für Gesundheitspflege.
 Wien.
 OVwV.....Oesterreichische Vierteljahresschrift für wissenschaftliche Veteri-
 närkunde. Wien.
 P.....Parasitology, a supplement to the Journal of Hygiene. Cam-
 bridge, Eng.
 PANS.....Proceedings of the Academy of Natural Sciences of Philadelphia.
 PAR.....Philippine Agricultural Review. Manila.
 PC.....Pharmaceutische Centralhalle für Deutschland. Dresden und
 Berlin.
 PCCRW.....Proceedings of the Child Conference for Research and Welfare.
 Worcester, Mass.
 PCJH.....Pacific Coast Journal of Homœopathy. San Francisco.
 PCPS.....Proceedings of the Cambridge Philosophical Society. Cam-
 bridge, Eng.
 PCZMA.....Proceedings of the Canal Zone Medical Association. Mount
 Hope, C. Z.
 PdlC.....Progresos de la Clfn.
 Ped.....Pediatria (La). Napoli.
 Pens. med.....Pensiero medico. Milano.
 PFG.....Progressive Farmer and Gazette. Raleigh, N. C.
 PG.....Post-Graduate. New York.
 PH.....Plantage-Hygiene.
 PHR.....Public Health Reports. Issued by the Surgeon-General, P. H.
 & M. H. S. Washington, D. C.
 PJS.....Philippine (The) Journal of Science. Manila, P. I.
 Pl.....Przegląd lekarski. Kraków, Poland.
 PLBS.....Proceedings and Transactions of the Liverpool Biological Society.
 PLSNSW.....Proceedings of the Linnean Society of New South Wales. Syd-
 ney.
 PM.....Practice of Medicine.
 Pm.....Presse (La) médicale. Journal des Journaux de Médecine. Paris.
 Pmc.....Pratique médicale-chirurgicale. Paris.
 PmcP.....Pester medizinisch-chirurgische Presse. Budapest.
 PMJ.....Philadelphia (The) Medical Journal. Philadelphia.
 PMM.....Peoria (The) Medical Monthly. Peoria, Ill.
 PMT.....Philadelphia (The) Medical Times. Philadelphia.
 PMVMA.....Proceedings of the Missouri Veterinary Medical Association.
 PmW.....Prager medicinische Wochenschrift. Prag.
 PmZ.....Preussische Medicinal-Zeitung. Berlin.
 PNYPS.....Proceedings of the New York Pathological Society. New York.
 Pol.....Policlinico (Il):

(1) Giornale di Medicina pratica, etc. v. 1 (1-18), April 8
 to December 23, 1890. 1 v. 576 pp. Torino.

(2) Periodico di Medicina, Chirurgia e Igiene, etc. v. 1-14,
 December 15, 1893, to 1907. Roma.

- PPS.....Proceedings of the Pathological Society of Philadelphia.
 PRIA.....Proceedings of the Royal Irish Academy. Dublin.
 Prog. méd.....Progrès (Le) médical. Paris.
 PRq.....Pathologica. Rivista quindicinale. Genova.
 PRSE.....Proceedings of the Royal Society of Edinburgh.
 PRSQ.....Proceedings of the Royal Society of Queensland. Brisbane.
 PRSV.....Proceedings of the Royal Society of Victoria. Melbourne.
 P&S.....Physician (The) and Surgeon. Detroit and Ann Arbor, Mich.
 PSC, Anderson, Ind.....Proceedings of the Sanitary Convention, Anderson, Ind.
 PSEBM.....Proceedings of the Society for Experimental Biology and Medicine. N. Y.
 PSI.....Publication of the Smithsonian Institution. Washington, D. C.
 PUSNM.....Proceedings of the U. S. National Museum. Washington, D. C.
 Pv.....Progrès (Le) vétérinaire. Agen.
 PVSL.....Procès-Verbaux de la Société Linnéenne de Bordeaux.
 Pw.....Przegląd weterynarski. Lwów, Poland.
 PZSL.....Proceedings of the Zoological Society of London. London.
 QAJ.....Queensland Agricultural Journal. Brisbane.
 QBMDWU.....Quarterly Bulletin of the Medical Department of Washington University. St. Louis.
 QBNUMS.....Quarterly Bulletin of the Northwestern University Medical School. Chicago.
 QJMS.....Quarterly Journal of Microscopical Science. London.
 R.....Ramazzini. Firenze.
 RAE.....Review of Applied Entomology. London.
 RAITM.....Report of the Australian Institute of Tropical Medicine. Melbourne & Sydney.
 RA Lincei.....Rendiconti della reale Accademia dei Lincei. Roma.
 RAS.....Rendiconti delle sessioni dell' Accademia delle Scienze dell' Istituto di Bologna.
 RAyV.....Revista del Centro de Estados de Agronomia y Veterinaria. Buenos Aires.
 RB.....Review of Bacteriology. London.
 RBBL.....Report of the Bombay Bacteriological Laboratory.
 RBPGP.....Review of Bacteriology, Protozoology and General Parasitology. London.
 RcCm.....Rivista critica di Clinica medica. Firenze.
 RcH.....Revista chilena de Higiene. Santiago de Chile.
 RCp.....Rivista di Clinica pediatrica. Firenze.
 RCSL.....See Cat. RCSL. London.
 RCUSC.....Reports from the Consuls of the U. S. on the Commerce, etc., of their consular districts. Washington, D. C.
 RDA.....Report of the Department of Agriculture.
 RdH.....Revista del Hospital "Jaurez." México.
 RdM.....Revue de Médecine. Paris.
 RdMv, Montevideo.....Revista de Medicina veterinaria. Montevideo.
 RESM.....Records of the Egyptian Government School of Medicine. Cairo.
 Rfe.....Revista frenopática española. Barcelona.
 RGBM.....Report of the Government Bureau of Microbiology, New South Wales. Sydney.
 RgCT.....Revue générale de Clinique et de Thérapeutique. Paris.
 RGgF.....Rundschau auf dem Gebiete der gesammten Fleischbeschau.
 RgMv.....Revue générale de Médecine vétérinaire. Toulouse.
 RH.....Revue d'Hygiène et de Police sanitaire. Paris.

- RHMS.....Reference (A) Handbook of the Medical Sciences, etc. New York.
- RIM.....Records of the Indian Museum. Calcutta.
- RiMC.....Revista internazionale di Medicina e Chirurgia.
- RIMJ.....Rhode Island Medical Journal. [? Transactions, R. I. Med. Soc.] Providence.
- RISp.....Rivista d'Igiene e Sanità pubblica. Roma.
- RKKZ.....Rikukun Kunikaku Kai Zatji. Tokio.
- RLMJ.....Richmond (The) and Louisville Medical Journal. Louisville.
- RLmP.....Real-Lexicon der medicinischen Propädeutik, etc. Wien und Leipzig.
- Rm.....Riforma (La) medica. Roma & Napoli.
- RmA.....Rev. méd. d'Alger.
- RmB.....Revista médica de Bogotá. Bogotá.
- RMC.....Revista de Medicina y Cirugía. Barcelona.
- RMCA.....Revista del Ministerio de Colonizacion y Agricultura. La Paz.
- RmCB.....Revista medico-cirurgica do Brazil. Rio de Janeiro.
- RMCH.....Revista de Medicina y Cirugía de la Habana. Habana.
- RMCP.....Revista de Medicina y Cirugía práctica. Madrid.
- RmE.....Revue médicale de l'Est. Nancy.
- RMH.....Revue de Médecine et d'Hygiène.
- RMHt.....Revue de Médecine et d'Hygiène tropicale. Paris.
- RmME.....Revue mensuelle des Maladies de l'Enfance. Paris.
- RmpAn.....Revue médicale et pharmaceutique de l'Afrique du Nord. Alger.
- RmR.....Russische medicinische Rundschau. Berlin.
- RmS.....Revista médica de Sevilla. Sevilla.
- RmSP.....Revista medica de Sao Paulo. Sao Paulo.
- RmSr.....Revue médicale de la Suisse romande. Genève.
- RMt.....Revista de Medicina tropical. Habana.
- RMv.....Recueil de Médecine vétérinaire. Paris.
- RmY.....Revista (La) médica de Yucatán. Mérida.
- Rn.....Revue neurologique. Paris.
- RNYSVC.....Reports of the New York State Veterinary College. Albany.
- RNWgN.....Repertorium der Neuesten und Wissenswürdigsten aus der gesammten Naturkunde. Berlin.
- ROSvs.....Rapport sur les Operations du Service vétérinaire sanitaire, etc. Paris.
- RpA.....Revue pratique des Abattoirs. Reims.
- RPP.....Recherches de Parasitologie et de Pathologie.
- Rs.....Revue (La) scientifique de la France et de l'Étranger. Paris.
- RsB.....Revue sanitaire de Bordeaux et du Sud-ouest. Bordeaux.
- RSBH Minn.....Reports of the State Board of Health of Minnesota. St. Paul.
- RSCEHD.....Rockefeller Sanitary Commission for the Eradication of Hookworm Disease. Washington, D. C.
- RSGA.....Reports of the Surgeon-General of the Army to the Secretary of War, etc. Washington, D. C.
- RSma.....Revista de la Sociedad médica argentina. Buenos Aires.
- RSMME.....See RESM.
- RsZ.....Revue suisse de Zoologie. Genève.
- RSZEE.....Results of the Swedish Zoological Expedition to Egypt and the White Nile. Upsala.
- RT.....Repertorium der Thierheilkunde. Stuttgart.

- RTCeHpF.....Recueil des Travaux du Comité consultatif d'Hygiène publique
de France, et des Actes de l'Administration sanitaire. Paris.
 RUSEC.....Report of the U. S. Entomological Commission. Washington,
D. C.
 RUSLSSA.....Report of the U. S. Live Stock Sanitary Association. Chicago.
 Rv.....Revue vétérinaire. Toulouse.
 RV.....Russkiy Vrach. Petrograd.
 RWRL.....Report of the Wellcome Research Laboratories at the Gordon
Memorial College, Khartoum. Department of Education,
Sudan Government, Egypt.
 S.....Science. New York and Lancaster, Pa.
 SAB.....Sperimentale (Lo). Archivio di Biologia normale e patologica.
Firenze.
 SAMR.....South African Medical Record. Cape Town.
 SAT.....Schweizer-Archiv für Thierheilkunde. Zürich.
 Savannah JM.....Savannah (The) Journal of Medicine. Savannah.
 SAW Wien.....Sitzungsberichte der kaiserlichen Akademie der Wissenschaften.
Wien.
 SCMR.....Selections from Colonial Medical Reports. London.
 SCP.....Southern California Practitioner. Los Angeles.
 SE.....Antarctic Marine Free-living Nematodes of the Shackleton Ex-
pedition, by N. A. Cobb. Baltimore.
 Sem. méd.....Semaine (La) médicale. Paris.
 SFD.....Süsswasser Fauna Deutschlands (Brauer). Jena.
 SGO.....Surgery, Gynecology and Obstetrics. Chicago.
 SiKMJ.....Sei-i-Kwai (The) Medical Journal. Tokio.
 SIMR.....Studies from the Institute for Medical Research, Federated Malay
States. Singapore.
 SJ.....Schmidt's (Carl Christian) Jahrbücher der in- und ausländischen
gesammten Medicin. Leipzig.
 Sk.....Sborník klinický. v Praze.
 SlZ.....Schweizerische landwirtschaftliche Zeitschrift. Aarau.
 Sm.....Siglo (El) médico. Madrid.
 SM.....Southern Medicine. Savannah, Ga.
 SMB.....Société de Médecine de Bâle.
 SMHt.....Société de Médecine et d'Hygiène tropicale.
 SMJ.....Southern (The) Medical Journal. (1) La Grange, N. C. (2)
Birmingham, Ala.
 SMmf.....See BSMmf.
 Smn.....Société médicale neuchâteloise.
 SmZ.....Strassburger medicinische Zeitung. Strassburg.
 SN.....Scottish (The) Naturalist. Edinburgh.
 SnG Danzig.....Schriften der naturforschenden Gesellschaft in Danzig.
 Snv Torino.....Società nazionale veterinaria. Torino.
 Sp.....Salute (La) pubblica. Perugia.
 Spit.....Spitalul. Bucuresci.
 SpmG.....Sitzungsbericht der physikalisch-medicinischen Gesellschaft in
Würzburg.
 SPMJ.....St. Paul (The) Medical Journal. St. Paul, Minn.
 SPM (Loomis).....System (A) of Practical Medicine by American Authors.
(Loomis and Thompson). Philadelphia and New York.
 SPmW.....St. Petersburg medicinische Wochenschrift. Petrograd.
 SPæG.....Schriften der physikalisch-ökonomischen Gesellschaft zu Königs-
berg.
 SRPA.....Sanitary Report for the Province of Assam. Shillong.

- Ss.....Scuola (La) salernitana. Salerno.
 Spsm.....Sbornik sochinenii po sudebnoi meditsinie, etc. Petrograd.
 Ssv.....See Bssv.
 SyB.....Sanidad y Beneficencia. Habana.
 SZ.....Spolia Zeylanica. Issued by the Colombo Museum, Ceylon.
 Colombo.
 SZLUN.....Studies from the Zoological Laboratory, University of Nebraska.
 T.....Tierarzt (Der). Wetzlar.
 TAAP.....Transactions of the Associations of American Physicians. Phila-
 delphia.
 TAJ.....Transvaal Agricultural Journal. Pretoria.
 TAMS.....Transactions of the American Microscopical Society. Buffalo.
 TASTM.....Transactions of the American Society of Tropical Medicine.
 TATS.....Transactions of the American Therapeutic Society. New York.
 TBVA.....Transactions of the Bombay Veterinary Association. Bombay.
 TC.....Thierärztliches Centralblatt. Wien.
 TCAP.....[Todd's] Cyclopædia of Anatomy and Physiology. Edited by
 Robert B. Todd. London.
 TD.....Tropical Diseases.
 TDB.....Tropical Diseases Bulletin. London.
 TdG.....Therapie (Die) der Gegenwart. Wien und Berlin.
 TES.....Transactions of the Epidemiological Society of London. London.
 Ti.....Természetrájsi füzetek kiadja a Magyar nemzeti Múzeum.
 Budapest.
 TG.....Therapeutic (The) Gazette. Detroit.
 TICM.....Transactions of the International Congress of Medicine. London.
 TIKZ.....Tokyo Igak-kwai Zasshi. Tokio.
 TIS.....Tokyo Iji-Shinshi. Tokio.
 TLS.....Transactions (The) of the Linnean Society of London. London.
 Tm.....Tribuna medica. Rio de Janeiro.
 TM.....Therapeutische Monatshefte. Berlin.
 TMA.....Transactions of the Medical Association of Georgia. Atlanta, Ga.
 TMJ.....Tokyo Medical Journal. Tokio.
 TMMA.....Transactions of the Mississippi Medical Association.
 TMN.....Texas (The) Medical News. Austin.
 TMPS.....Transactions of the Medical and Physical Society of Bombay.
 Bombay.
 TMPSB.....See TMPS.
 TMSNJ.....Transactions of the Medical Society of New Jersey.
 Tmu.....Tablettes médicales universelles. Agen.
 TNCAPT.....Transactions of the North Carolina Association for the Preven-
 tion of Tuberculosis.
 TNDV.....Tijdschrift der Nederlandsche Dierkundige Vereeniging. Lei-
 den.
 TPIKmo.....Trudi i Protokoli Imperatorskavo Kavkazskavo Mededitsinskavo
 Obshtshestva. Tiflis.
 TPSL.....Transactions of the Pathological Society of London. London.
 TR.....Tierärztliche Rundschau. Friedenau.
 TRAM.....Transactions of the Royal Academy of Medicine in Ireland.
 Dublin.
 TRSS Austr.....Transactions of the Royal Society of South Australia. Adelaide.
 TsHoG.....Tijdschrift van sociale Hygiene en openbare Gezondheidsrege-
 ling. Zwolle.
 TSJM.....Texas State Journal of Medicine. Fort Worth.

- TSN.....Travaux de la Société des Naturalistes de Petrograd. Petrograd.
 TSNUK.....Travaux de la Société des Naturalistes à l'Université Impérial
 de Kharkov. Kharkov, Russia.
 TSTMH.....Transactions of the Society of Tropical Medicine and Hygiene.
 London.
 TV.....Tidsskrift for Veterinærer. Kjøbenhavn.
 TvD.....Tijdschrift voor Diergeneeskunde. Utrecht.
 TVdNA.....Tageblatt der Versammlungen deutscher Naturforscher und
 Aerzte. Magdeburg.
 TvV.....Tijdschrift voor veeartsenijkunde. Utrecht.
 TYL.....Thompson (The) Yates Laboratories Report. Liverpool.
 UfL.....Ugeskrift for Laeger. Kjøbenhavn.
 UPMB.....University of Pennsylvania Medical Bulletin. Philadelphia.
 USNMB.....United States Naval Medical Bulletin. Washington, D. C.
 VaG.....Verhandlungen der anatomischen Gesellschaft. Jena.
 VAQ.....Veterinary Alumni Quarterly. Columbus, Ohio.
 VbmG.....Verhandlungen der berliner medicinischen Gesellschaft. Berlin.
 VcSNTmp.....Vestník Královské české Společnosti Náuk. Třída mathematicko-
 přírodovědecká. Prag.
 VdzG.....Verhandlungen der deutschen zoologischen Gesellschaft. Leip-
 zig.
 Ve.....Veterinaria (La) española. Madrid.
 Vet.....Veterinarian (The); or Monthly Journal of Veterinary Science.
 London.
 VGdNA.....Verhandlungen der Gesellschaft deutscher Naturforscher und
 Aerzte. Leipzig.
 VgöM.....Vierteljahrsschrift für gerichtliche und öffentliche Medicin.
 Berlin.
 VJ.....Veterinary (The) Journal. London.
 VJACP.....Veterinary (The) Journal and Annals of Comparative Pathology.
 London.
 VJVBTPreuss.....Veröffentlichungen aus dem Jahres-Veterinär Berichten der
 beamten Tierärzte in Preussen. Berlin.
 VkG.....Veröffentlichungen des kaiserlich deutschen Gesundheitsamtes.
 Berlin.
 VM.....Veterinary (The) Magazine. Philadelphia.
 VmJ.....Voyenno-meditsinskiy Jurnál. Petrograd.
 VMM.....Vermont (The) Medical Monthly. Burlington.
 VMNF.....Videnskabelige Meddelelser fra den naturhistoriske Forening
 i Kjøbenhavn.
 VMSM.....Virginia Medical Semi-Monthly. Richmond.
 VMVöG Hannover.....Verhandlungen und Mittheilungen des Vereins für öffentliche
 Gesundheitspflege zu Hannover. Hannover.
 VN.....Veterinary News. London.
 VnmVH.....Verhandlungen des naturhistorisch-medizinischen Vereins zu
 Heidelberg.
 Vo.....Veterinarnoye obozríenie. Moscow.
 VOv.....Vestnik Obshestvennoi veterinarii. Petrograd.
 VR.....Veterinary (The) Record. London.
 Vrach.....Vrach. Petrograd.
 VzBG.....Verhandlungen der k. k. zoologisch-botanischen Gesellschaft in
 Wien.
 WBDH.....Weekly Bulletin of the Department of Health. New York.
 WHR.....Westminster (The) Hospital Reports. London.

- WIB.....West Indian Bulletin, the Journal of the Imperial Agricultural
 Department for the West Indies. Barbados.
 Wis. MJ.....Wisconsin (The) Medical Journal. Milwaukee.
 WkR.....Wiener klinische Rundschau. Wien.
 WkW.....Wiener klinische Wochenschrift. Wien.
 WMA.....Washington Medical Annals. Washington, D. C.
 WMJ.....Woman's (The) Medical Journal. Toledo, Ohio.
 WmP.....Wiener medizinische Presse. Wien.
 WmW.....Wiener medizinische Wochenschrift. Wien.
 WNL, USDA.....Weekly News Letter, U. S. Department of Agriculture. Wash-
 ington, D. C.
 WTV.....Wochenschrift für Thierheilkunde und Viehzucht. München.
 WVMJ.....West Virginia (The) Medical Journal. Wheeling.
 WZkkGA.....Wochenblatt der Zeitschrift der k. k. Gesellschaft der Aerzte in
 Wien.
 YUSDA.....Yearbook of U. S. Department of Agriculture. Washington,
 D. C.
 Z.....Zoologica. Stuttgart.
 ZA.....Zoologischer Anzeiger. Leipzig.
 ZB.....Zoologiska Bidrag från Uppsala. Uppsala and Stockholm.
 ZC.....Zoologisches Centralblatt. Leipzig.
 ZD.....Zoologiae danicae, etc.
 Zdrowie.....Zdrowie. Warszawa.
 ZePT.....Zeitschrift für experimentelle Pathologie und Therapie. Berlin.
 ZFJ.....Zeitschrift für Forst- und Jagdwesen. Berlin.
 ZFM.....Zeitschrift für Fleisch- und Milchhygiene. Berlin.
 ZgF.....Zeitschrift für d. gesammte Fleischbeschau.
 ZgU.....Zeitschrift für gynäkologische Urologie. Berlin.
 ZH.....Zeitschrift für Hygiene. Leipzig.
 ZHI.....Zeitschrift für Hygiene und Infectiouskrankheiten. Leipzig.
 ZI.....Zeitschrift für Immunitätsforschung und experimentelle Thera-
 pie. Jena.
 ZIpKHH.....Zeitschrift für Infektionskrankheiten, parasitäre Krankheiten
 und Hygiene der Haustiere. Berlin.
 ZJ.....Zoologische Jahrbücher. Jena.
 ZK.....Zeitschrift für Krebsforschung. Jena und Berlin.
 ZkM.....Zeitschrift für klinische Medecin:
 (1) Berlin. v. 1-27, 1879-95.
 (2) Breslau. v. 1-10, 1850-59.
 ZmF.....Zeitschrift für mikroskopische Fleischschau und populäre
 Mikroskopie. Berlin & Bernau.
 ZnV.....Zeitschrift für die gesammten Naturwissenschaften. Publ. by
 Naturwissenschaftlichen Verein für Sachsen und Thüringen.
 Leipzig.
 ZP.....Zeitschrift für Pflanzenkrankheiten. Stuttgart.
 ZpC.....Zeitschrift für physiologische Chemie. Strassburg.
 ZpHMW.....Zeitschrift für praktische Heilkunde und Medicinal-Wesen,
 u. s. w. Hannover.
 ZR.....Zoological (The) Record. London.
 ZT.....Zeitschrift für Thiermedizin. Jena.
 ZTmG.....Zeitschrift der Tokyo medicinischen Gesellschaft. Tokio.
 ZUNGG.....Zeitschrift für Untersuchung der Nahrungs- und Genussmittel,
 sowie der Gebrauchsgegenstände. Berlin.
 ZV.....Zeitschrift für Veterinärkunde mit besonderer Berücksichtigung
 der Hygiene. Berlin.

ZwI.....	Zeitschrift für wissenschaftlichen Insectenbiologie.	Berlin.
ZwZ.....	Zeitschrift für wissenschaftliche Zoologie.	Leipzig.
20 Cen. Pr.....	Twentieth Century Practice of Medicine.	New York.

LOCALITIES.

Algeciras.....	Algesiræ.	Mûen.....	Mûenzen, Munich.
Algiers.....	City.	Mus. Frankf.....	Museum Frankfurt.
Algeria.....	Country.	Mus. Wien.....	Museum Vienna, Wien.
Beaufort.....	Beaufort, N. C.	Nap.....	Naples, Neapoli, Napoli.
Berl.....	Berlin, Prussia	N. A.....	North America.
Breslau.....	Vratislaviæ.	N. S. W.....	New South Wales.
Colo.....	Colorado.	Padua.....	Padova, Patavia.
Copenh.....	Copenhagen, Kjoben-	Par.....	Paris.
	havn.	Penn.....	Pennsylvania.
Edinb.....	Edinburgh.	Prag.....	Prague.
Eng.....	England.	Rennes.....	Remi.
F. a. M.....	Frankfurt am Main.	Rimini.....	Ariminum.
Ga.....	Georgia.	S. A.....	South America.
Gætt.....	Gættingen.	Stockh.....	Stockholm, Holmiæ.
Gr. Brit.....	Great Britain.	Switz.....	Switzerland, Schweiz,
Greifsw.....	Greifswald.		Helvetia.
Isl.....	Island.	Torino.....	Turin.
Königsb.....	Königsberg, Regiomon-	Wien.....	Vienna.
	tum.	Woods Hole.....	Woods Hole, Mass.
Lond.....	London.	Zool. Gard.....	Zoological Gardens.
Med.....	Mediterranean.		

OTHER ABBREVIATIONS.

cf.=compare.	nv.=not verified.
C. E. V.=M. C. V.	q. v.=quod vide.
Coll.=Collection.	so.=synonym of.
f.=family.	sp.=species.
g.=genus.	subf.=subfamily.
hng.=host not given.	subg.=subgenus.
lng.=locality not given.	tat.=type by absolute tautonymy.
M. C. V.=Catalog Museum Wien.	tod.=type by original designation.
mt.=monotypic.	tsd.=type by subsequent designation.
Mus.=Museum.	t. h.=type host.

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For bibliographic references in this bulletin, the reader should consult primarily the Authors Catalogue¹ of this same series, namely, Bulletin 39, U. S. Bureau of Animal Industry; next, the Zoological Record should be consulted.

Some of the entries in our Authors' Catalogue were verified from bound publications from which it was impossible to determine the exact date of publication of the article cited. Special attention is invited to the following articles which are cited in the present subject index:

¹ For library abbreviations see Bull. 39, p. 12, Add, W^b, Library Hygienic Laboratory.

Krøyer, 1838-40a, 1842-43a, 1843-45a, 1846-53a, 1852-53a. It seems certain that at least some of these articles should date from later years, but we have been unable to establish the exact dates.

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The mononchs (*Mononchus* Bastian, 1866). A genus of free-living predatory nematodes. (Contributions to a science of nematology, VI.) <Soil Science, Rutgers College, New Brunswick, N. J., v. 3(5), May, pp. 431-486, 72 text-figs. [Reprint has plates.] [W^a, Reprint, Lib. Stiles.]

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ALPHABETICAL LIST OF SPECIFIC AND SUBSPECIFIC NAMES OF ROUNDWORMS (NEMATODA, GORDIACEA, AND ACANTHOCEPHALI), CROSS REFERENCED TO GENERA AND SUB- GENERA.

- abacis-striola* Dies., 1851a, 90, t. h. *Abax striola*; Kirby & Spence, 1826b. —1851: Fil. [1851: *Gord. feroniæ-striolæ*.]
abbreviata Rud., 1819a, 4, f. h. *Motacilla stapazina*; Mus. Wien.—1819: Fil. [1909: F. (*Diplotriæna*).]
abbreviata Rud., 1819a, 21, t. h. *Perca cirrhosa*; Rome. —1819: *Cucullanus*. 1845: *Dacnitis*. 1887: Hct.
abbreviata Rud., 1819a, 30, t. h. *Lacerta margaritacea*; Spain.—1819: *Physalopt*. 1845: *Spiropt*.
abbreviatus Villot, 1874a, 57; Bourbon Isl., Mus. Paris.—1874: *Gord.* 1897: *Parachord*.
abdominalis Linst., 1904n, 299, t. h. *Otis melanogaster*; Madagascar. —1904: *Spiropt*.
abdominalis Mol., 1858c, 418.—1858: Fil. *cebi-trivirgati*.
abdominalis Mol., 1858c, 421, t. h. *Bos bubalis*; M. C. V.—1858: Fil. *bubali*.
abdominalis Mol., 1858c, 423, t. h. *Cassicus ater*; Caicara.—1858: Fil. *cassici-atrici*.
abdominalis Mol., 1858c, 423, t. h. *Icterus pyrrhopterus*; Brazil.—1858: Fil. *icteri-pyrrhopteri*.
abdominalis Mol., 1858c, 424, t. h. *Pipra caudata*; Brazil.—1858: Fil. *pipre-caudatæ*.
abdominalis Mol., 1858, 296, t. h. *Mustela putorius*; Padua.—1858: *Echinor. putorii*.
abdominalis Rud., 1819a, 76, t. h. *Erinaceus europæus*; C. E. V.—1819: *Echinor. erinacei*.
abdominis passali-cornuti Leidy, 1852b, 241, t. h. *Passalus cornutus*; by Leidy. —1852: *Nematoideum cavitatis*.
aberrans Krüger, 1912, 233, in moist soil; by Krüger.—1912: *Rhabditis*.
aberrans Micol., 1915, 258; Grundlsee.—1915: *Cylindrolaimus*.
aberrans Steiner, 1914, 266; [Switz.].—1914: *Bunonema richtersi*.
abietis Dies., 1851a, 100.—1851: Fil. *aphidis gallarum*. 1851: *Gord. aphidis gallarum*.
abjecta Leidy, 1856b, 53, t. h. *Psammophis flagelliformis*; Ing.—1856: *Physalopt*.
abbreviata Magal., 1888a, 11, for *abbreviata* (Fil.).
abstrusus Rail., 1898b, 173, pusillus Müell., 1890, renamed, t. h. *Felis dom.*—1898: Str. 1907: *Synthetocaulus*.
acanthocauda Linst., 1903u, 275, for *acanthocaudata* 1858 (Asc.).
acanthocaudata Cobbold, 1858b, 160, t. h. *Lota molva*; Edinb.—1858: Asc.
acanthocephala Linst., 1909a, 65, for *acanthocephalica* (*Spiropt.*).
acanthocephalica Mol., 1860b, 988, t. h. *Sterna hirundo*. S. caspica; M. C. V.—1860: *Spiropt*. 1916: *Schistorophus*.
acanthocephalicus Mol., 1861a b, 698-184, t. h. *Ibis tubifex*; Brazil.—1861: *Hystrichis*.
acanthocirratus Skrz., 1916, 39, t. h. *Ranidæ*; Brit. E. Africa.—1916: *Amphibiophilus*, *tod*.
acanthoditis Dies., 1851a, 95, t. h. *Acanthodis glabrata*; Brazil.—1851: Fil. [1851: *Gord. chordodes*. *Chord. parasitus*.]
acantholaimus Savelev, 1912, 112; Kolafjord, etc.—1912: *Enoplolaimus*.
acanthosoma Westrumb, 1821a, 30, t. h. *Atherina hepsetus*; Ing.—1821: *Echinor*.
acanthotrius Linst., 1883a, 305, t. h. *Astur palumbarius*; Turkestan. —1883: *Echinor*.
acanthura Dies., 1851a, 591, spinicauda, 1851, renamed. —1851: Asc. 1859: *Oxyuris*. 1861: *Pharyngodon*, mt. 1894: *Oxyuris* (*Pharyngodon*).
acanthura Leuck., 1842a, 42, t. h. *Sorex tetragonurus*; by Leuck.—1842: Asc.
acanthura Linst., 1904f, 11, t. h. *Calotes versicolor*; Colombo.—1904: *Oxyuris*.
accipenseris Viborg, 1795, 237 [nv.]; Rud., 1809a, 117, t. h. *Accipenser sturio*. —1795: *Cucullanus*. 1809: *Cucullanus*.
accipenseris-rutheni Rud., 1819a, 79, t. h. *Accipenser ruthenus*; C. E. V. —1819: *Echinor*.
accipenseris-sturionis Rud., 1819a, 191.—1819: *Dubium*.
accipitri Skrz., 1916, 535, t. h. *Aquila imperialis*; Aoulie-ata.—1916: *Gnathost.*
acer Bast., 1865c, 156, marine mud; Falmouth.—1865: *Theristus*, mt. 1880: *Monohystera*. 1907: *Monohystera* (Th.).

- acerinæ* Linst., 1878b, 240, t. h. *Acerina cernua*; Ing.—1878: Asc.
acerinæ Linst., 1878b, 241, t. h. *Acerina cernua*; by Linst.—1878: Agamonema.
acerosus Schrank, 1829 [nv.]; Ehrenb., 1838a, 82.—1829: Vibrio. [1838: Closterium.]
acetabularis Chiaje, 1829a, 155, t. h. Poulpe de l'argonaute; by Chiaje.—1829: Trichoc.
acetabulata Linst., 1901b, 411, t. h. Alcedo or Halcyon; Africa.—1901: Fil.
aceti Müell., 1783, 162, in vinegar.—1783: Vibrio. 1786: Anguillula. 1815: Gord.
 1824: V. anguillula. 1845: Rhabditis.
aceti dryophila (Leuck., [nv.]) Man, 1910, 361.—1910: Anguillula.
achtheris-percarum Nordm., 1832, 87, t. h. *Achtheres percarum*; Europe.—1832: Fil.
acibularis Nordm., 1840a, 601, for *acetabularis*. (Trichoc.)
acicula Brug., 1791a, 94, t. h. Rana; Gœze, 1782a.—1791: Asc.
acicularis Pall., 1781a, 72, pollicaris renamed, t. h. Equus cab.; Holland.—1781: Asc.
acidolia Dies., 1861a, 610, t. h. *Acidalia delutata*; Greifsw.—1861: Mermis.
acili-sulcati Dies., 1851a, 92, for *acilii-sulcati* 1851.—1851: Fil.
acilii-sulcati Dies., 1851a, 92, t. h. *Acilius sulcatus*; Anglia.—1851: Gord.
acipenser Wagner, 1867, 6 [nv.]; Zykov, 1902c, 229, for *acipenseris*.—1867: Cystopsis.
 1902: Cystoopsis.
acipenseris del Lupo, 1898a, 823, t. h. *Acipenser sturio*; by del Lupo.—1898: Ichthyonema.
acipenseris Linst., 1883a, 278, t. h. apparently *Acipenser*; Turkestan.—1883: Asc.
acipenseris Viborg, 1795, 237 [nv.]; Dies., 1851a, 242; t. h. *Acipenser sturio*; by Abildg.—1795: Cucullanus. 1851: Cucullanus.
acipenseris Wagner, 1867, 6 [nv.].—1867: Cystopsis. 1902: Cystoopsis.
acipenseris-rutheni Lûche, 1904f, 162, for *acipenseris-rutheni* (Echinor.).
acrididarum Linst., 1897i, 32, t. h. *Orthocris* sp., *Stenobothrus* sp.; Madagascar.—1897: Mermis.
acrididorum Linst., 1898e, 158 for *acrididarum* (Mermis).
acridiorum Weyenbergh, 1879, 216, t. h. *Acridium paranense*; Cordoba.—1879: Gord.
 1899: Mermis.
acris Bast., 1865c, 130, sandy soil about rootlets of wheat; Broadmoor, Berks.—1865: Rhabditis.
acrydii Dies., 1851a, 97, t. h. *Acrydium tuberculatum*; Ing.—1851: Gord.
aculeata Crep., 1825a, 14, t. h. *Tringa alpina*; by Crep.—1825: Spiropt. 1876: Fil.
 1891: Disph.
aculeati Linst., 1884a, t. h. *Gasterosteus aculeatus*; by Linst.—1884: Asc.
aculeatus Curling, 1839a, 274, t. h. Homo; by Curling.—1839: Dactylius, mt. [Cf. Enchytræus.]
aculeatus Daday, 1905, 63, in fresh water: Paraguay.—1905: Cephalobus.
aculeatus Linst., 1879b, 333, t. h. *Macacus cynomolgus*; Ing.—1879: Str. 1899: Sclerost. 1906: Oesophagost.
acuminata Daday, 1911, 503; Vierwaldstætter-See.—1911: Hydromermis.
acuminata Eberth, 1863a, 28, free; Nizza.—1863: Odontobius. 1865: Anticomma.
acuminata Linst., 1883a, 301; loc. unknown, apparently Turkestan.—1883: Mermis.
acuminata Linst., 1907, 265, t. h. *Lutra vulg.*; Coll. Senckenberg, Frankfurt.—1907: Fil.
acuminata Mol., 1860b, 930, t. h. *Brycon falcatus*; Brazil.—1860: Spiropt. 1897: Oxyspirura.
acuminata Rud., 1809a, 66, t. h. larva of *Noctua nupta*; Gœze.—1809: Fil. 1815: Gord. (Fil.). 1843: Mermis.
acuminata Schlotthauber, 1860a, 127, no details.—1860: Oxyuris.
acuminata Schrank, 1788a, 12, t. h. frogs; quotes Gœze.—1788: Asc. 1800: Fus. 1809: Asc. 1845: Het. [?1866: Oxsoma.] 1876: Heteracis. [1898: Oxsoma.] 1880: Rhabdonema (Asc.). 1916: Aplectana, tod. 1916: Aplectana, tod.
acuminatum Man, 1907, 84.—1907: Euryst.
acuminatum Eberth, 1863a, 24, free; Ing.—1863: Enchelidium.
acuminatum Schneid., 1866a, 28.—1866: Oxsoma. [See *acuminata* Schrank.]
acuminatus Bast., 1865c, 120, in moss; Ing.—1865: Plectus.
acuminatus d'Udekem, 1859a(b), 554(5), t. h. *Julius terrestris*; d'Udekem.—1859: Rhabditis. 1861: Isacis.
acus Bloch, 1779a, 544, t. h. Hecht.—1779: Asc. 1800: Fus. 1809: Asc. 1915: Rhabdasc., tod.
acus DuJ., 1845a, 264, t. h. an exotic mammal; Mus. Paris.—1845: Stenodes, mt.
acus Müell., 1786, 59.—1786: Vibrio. [1838: Euglena.]
acus Rud., 1802a, 51, t. h. *Gadus callarius*; by Rud.—1802: Echinor.
acuta Dies., 1851a, 277, t. h. *Podiceps cristatus*, by Brems.; P. cornutus by Dies. M. C. V.—1851: Fil. 1861: Dicheilonema. 1879: Fil.
acuta Ehrenb. in Hempr. & Ehrenb., 1828a, Hyrax, unpagd, t. h. *Hyrax capensis*; by H. & E.—1828: Oxyuris flagellum.

- acuta* Müell., 1789a, 53, t. h. *Rhombus barbatus*; by Müell.—1789: Asc.
- acuticauda*. See *acuticauda* (*Dorylaimus*).
- acuticauda* Daday, 1911, 484 [Vierwaldstätter-See].—1911: *Limnomermis*.
- acuticauda* Man, 1884a, 179, in sandy soil; Nederland.—1884: *Dorylaimus*.
- acuticauda* Linst., 1901b, 415, t. h. *Numida rikwæ*; Usanga am Rukwa-See, Africa.—1901: *Oxysoma*. 1914: *Subulura*.
- acuticauda* Mol., 1858c, 379, t. h. *Dasyus loricatus*, D. niger; M. C. V., Ypanema, S. America.—1858: Fil.
- acuticauda* Mol., 1860d, 661, t. h. *Falco cachinans*, etc.; Brazil.—1860: *Physalopt*.
- acuticaudatum* Jægers., 1901a, 4, free; near Kristineberg.—1901: *Thoracost*.
- acuticaudatus* Cobbold, 1861e, 123, t. h. *Chloephaga poliocephala*; Lond. Zool. Gard.—1861: Str.
- acutissima* Mol., 1860e, 332, t. h. *Cuculus melacoryphus*, *Strix atricapilla*.—1860: *Subulura*, mt. 1887: Het.
- acutissima* Rud., 1819a, 642, t. h. *Falco*; Brazil.—1819: *Spiropt*.
- acutissima* Zed., 1800a, 22, t. h. *Sciurus vulg.*; Zed.—1800: *Fus*. 1809: *Asc*. 1916: *Oxyuris*.
- acutiuscula* Mol., 1858c, 388, t. h. *Canis azaræ*, etc.; M. C. V.—1851: Fil.
- acutocaudatus* Zimmerman, 1898, 42, t. h. coffee roots; Java.—1898: *Tylenchus*.
- acutum* Mol., 1861a(b), 449(25), t. h. *Antilope rupicapra*, etc.—1861: *Oesophagost*.
- acutus* Cobb, 1917n, 438, about roots of rhubarb; Arlington, Va.—1917: *Mononchus* (*Iotonchus*).
- acutus* Duj., 1845a, 105, t. h. *Raia clavata*; Rennes.—1845: *Proleptus*, tsd.
- acutus* Lundahl, 1848a, 284, t. h. *Anas crecca*, etc.; N. Europe.—1848: Str. [1861: Str. *nodularis*.]
- acutus* Villot, 1875a, 460; Roscoff.—1875: *Enoplus*. 1893: *Triodontolaimus*, mt.
- additictus* Lane, 1915, 106 for *additictus* 1914, t. h. *Elephas indicus*.—1915: Str. 1915: *Decrusia*.
- additictus* R., H., & B., 1914, 130, t. h. *Elephas indicus*.—1914: Str. [1915: *Decrusia*.]
- adelinæ* Cond.-Franc., 1898b, 121, t. h. *Mugil cephalus*; Rome.—1898: *Asc*.
- adelphus* Greeff, 1869a, 113.—1869: *Desmoscolex*.
- aderholdi* Schwartz, 1912, 26, in Maiblumenkeimen; Mecklenburg-Schwerin.—1912: *Aphelechenus*.
- adfinis* Rud., 1908a, xxiv, for *affinis* (*Echinor*).
- adiposa* Schrank, 1790a, 122, t. h. *Lucius*; Schrank.—1790: *Asc*. 1803: *Fus*. 1809: *Asc*.
- adriatica* Stoss., 1897a, 5, t. h. *Vola jacobææ*; Venice.—1897: *Asc*.
- adriaticus* Schep., 1907a 139, marine; Nap., etc.—1907: *Desmoscolex*.
- aduna* (Crep., 1846a, 138, t. h. *Colymbus septentrionalis*, etc.; by Crep.—1846: *Spiropt*. 1860: *Disphar*.
- aduna* Rud., 1802a, 14, t. h. Goldfish, *Clupea aiosa*; by Rud.—1802: *Asc*. 1803: *Fus*. 1809: *Asc*.
- ægyptiaca* Galeb, 1878b, 294, t. h. *Polyphaga ægyptiaca*.—1878: *Oxyuris*.
- ægyptiaca* Linst., 1902a, 218, t. h. *Ardea garzetta*; Egypt.—1902: Het. 1914: *Ascaridia*.
- ægyptiaca* Sons., 1874 or 1875 [nv.]; in Fayrer, 1876a, 284; t. h. *Homo*; Egypt.—1874: or '75: Fil. *sanguinis hominis*. 1883: Fil. 1910: Fil. *sanguinis*.
- ægyptiaca hominis* Brumpt, 1910a, 435, for F. s. h. *ægyptiaca*.—1910: Fil. *sanguinis*.
- ægyptiaca nocturna* (Mans., 1891) Brumpt, 1910a, 901.—1910: Fil. *sanguinis*.
- ælianus* Cam., 1894d, 410(1); Doloc Surugnan, Sumatra.—1894: Gord. 1897: *Chord*.
- æneus* Villot, 1874a, 52; Cumana, Venezuela, Mus. Paris.—1874: Gord.
- æqualis* Dies., 1851a, 156, for *milvi filiformis æqualis* Frel., 1802a, 34, t. h. *Falco milvus*; by Gæze.—1851: *Asc*. [1851: *Asc. depressa*.]
- æqualis* Mol., 1858c, 383, t. h. *Myrmecophaga jubata*; Brazil.—1858: Fil. 1861: *Sole-nonema*.
- æqualis* Zed., 1803a, 154, t. h. *Strix scops*; by Borke.—1803: *Echinor*.
- aerivora* Cobb, 1916, in Merrill & Ford, 1916, 121, on ground; Manhattan, Kansas.—1916: *Diplogaster*.
- aerophila* Linst., 1906, 253, t. h. *Phœnicopterus roseus*; Kœnigsb.—1906: *Spiropt*. 1917: *Aprocta*.
- aerophila* Skrj., 1916, 531, t. h. *Ardea cinerea*, *Phalacrocorax carbo*; Russian Turkestan.—1916: *Desmidocerca*, tod.
- aerophilum* Crep., 1839a, 278, t. h. *Canis vulpes*; by Crep.—1839: *Trichosomum*. [1839: *Trichosoma*.] 1845: *Eucoleus*, ? type. 1860: *Trichosoma*. 1915: *Cap*. 1915 *Cap*. (*Thominx*).
- aerophyllum* Eberth, 1863a, 48, for *aerophilum* (*Trichosoma*).
- æthiopica* Val., 1856a, 259, t. h. guépard; from Kordokan.—1856: Fil. 1861: *Dra-cunculus*.
- æthiopika* Schneidem., 1896a, 306, for *æthiopica* (Fil.)

- affine* Leidy, 1856b, 53, t. h. *Cistudo carolina*.—1856: *Spiironoura*. 1861: *Spirura*.
affine Stoss., 1902e, 14, t. h. *Felis catus ferus*; Ghinda, Eritrea.—1902: *Cyathost*.
affinis Brakenhoff, 1914, 295; Bremen.—1914: *Tylencholaimus*.
affinis Dies., 1851a, 114, t. h. *Larus ridibundus*, etc.; see Sieb., 1838, 312.—1851: *Trichina*. 1909: *Agamonema* [from *Larus ridibundus*].
affinis Duj., 1845a, 98, t. h. *Cucullus seniculus*; Brazil.—1845: *Spiropt*.
affinis Gmel., 1790a, 3050, t. h. *Cyprinus rutilus*; Müell.—1790: *Echinor*.
affinis Jägers., 1904, 660, t. h. fox; Cairo.—1904: *Rictularia*.
affinis Leidy in Stiles & Hass., 1894e, 343, t. h. *Simia satyrus*; by Chapman.—1894: *Dioctophyme*.
affinis Man, 1880a, 12, in moist soil; Holland.—1880: *Tripyla*.
affinis Seur., 1916, 1128, t. h. *Strix flammea*; Kabylie.—1916: *Acuaria*.
affinis Mar., 1870a, 36; free; Endoume.—1870: *Acanthopharynx* (probably type).
affinis Mégn., 1895c, 173, t. h. *Dolichotis patagonica*; France.—1895: *Str*. 1909: *Graphidium*.
affinis Oerley, 1885a, 102, t. h. *Mustelus lævis*; by Oerley.—1885: *Asc*.
affinis Rud., 1802a, 7, t. h. *Ovis aries*; by Rud.—1802: *Trichoc*. 1803: *Mastigodes*. 1894: *Tricoc*. 1902: *Trichuris*.
affinis Rud., 1802a, 55, t. h. *Pleuronectes flesus*; by Rud.—1802: *Echinor*.
affinis Rud., 1819a, 4, t. h. *Fringilla* sp.; Spain.—1819: *Fil*. [1909: *F. (Diplotriæna)*.]
affinis Villot, 1886a, 302; Grenoble.—1886: *Gord*.
africana Gendre, 1909, xxxiii, t. h. *Cinixys belliana*; Fr. Guinée.—1909: *Het*.
africana Linst., 1898e, 161, free; Togo, S. W. Africa.—1898: *Mermis*.
africana Linst., 1899b, 18, t. h. *Anguilla* sp.; Capland.—1899: *Spiropteria*.
africana Linst., 1908, 28; Lüderitzbucht, S. Africa.—1908: *Euchromadora*.
africanus Daday, 1908, 15.—1908: *Plectus*.
africanus Daday, 1908, 19.—1908: *Dorylaimus*.
africanus Harris, 1910, 11, *americanus* 1902 renamed, t. h. *Homo*.—1910: *Necator*.
africanus Jägers., 1909, 18, t. h. *Ardea goliath*, etc.; Sudan.—1909: *Eustrongylides*.
africanus Looss, 1911, 213, t. h. *Anthropopithecus troglodytes*; W. Africa.—1911: *Necator*.
africani Martini, 1903s, 351.—1903: *Fil. sanguinis equi*.
agamæ Rodhain, 1906, 545, t. h. *Agama colonorum*; Ubangi.—1906: *Fil*.
agamofilaria Cast. & Chalm., 1913a, 1683, for *Fil. (Agamofil.)*.
agassizi Montg., 1898a, 38; Sandwich Isl.—1898: *Gord*.
agile Leidy, 1849a, 230, t. h. *Julus marginatus*; by Leidy.—1849: *Streptostoma*, mt. [1849: *Aorurus*,? type.] 1851: *Streptost.* (*Aorurus*). 1861: *Anguillula* (*Streptost.*).
agilis Linst., 1876a, 14, in humusreicher Sandboden; Ratzenburg.—1876: *Rhabditis*.
agilis Man, 1880a, 95, in moist soil; Holland.—1880: *Dorylaimus*.
agilis Man, 1880a, 9, in moist soil; Holland.—1880: *Monohystera*. 1914: *Monhystera*.
agilis Mar., 1870a, 14, marine; Pharos.—1870: *Amphistenus*, ? type.
agilis Rud., 1819a, 67, t. h. *Mugil cephalus*; Speziæ.—1819: *Echinor*. 1892: *Neor*. 1914: *Eor*.
agilis Verrill, 1879a, 187, free; Vineyard Sound, Mass.—1879: *Nectonema*, mt.
agilis Wedl, 1861b, 467, t. h. *Crocodylus vulg.*; Egypt.—1861: *Asc*.
agilissima Mol., 1859h, 16, t. h. *Lacerta agilis*, etc.; Padua.—1859: *Trichina*.
agoutii Neiva; Cunha, & Trav., 1914, 184.—1914: *Heligmosomum*.
agricola Hoffm. [nv.]; Ruschhaupt, 1885a, 713.—1885: *Lumbricus*.
agricola Man 1881a, 142.—1881: *Aphelenchus*.
agrostidis Bast., 1865c, 128, apparently for *agrostis* Steinb., 1799a.—1865: *Tylenchus*. 1877: *Anguillula*.
agrostis Steinbuch, 1799a, 253, t. h. *Agrostis silvatica*; Erlanger.—1799: *Vibrio*.
agrotidis-ripæ Dies., 1851a, 104, t. h. *Agrotis ripæ*; Pierret, 1841.—1851: *Fil*. 1851: *Gord*.
aquatica Oerley, 1880, 100, misprint for *aquatica* (*Anguillula*).
akus Schneidem., 1896a, 325, for *acus* (*Echinor*).
alascensis Montg., 1907, 271; Alaska.—1907: *Gord*.
alata Bellingh., 1839a, 103, t. h. *Homo*; Europe.—1839: *Asc*. [1866: *Asc. mystax*. 1903: *Asc. canis*. 1911: *Belasc*. 1912: *B. cati*.]
alata Linst., 1883a, 278, t. h. a Raubvogel; Turkestan.—1883: *Asc*.
alata Rail. & Henry, 1909a, 87, t. h. *Macaque*; by Weinberg.—1909: *Cooperia*.
alata Rud., 1809a, 67, t. h. *Simia maimon*; by Albers.—1809: *Fil*. 1815: *Gord*. (*Fil*).
alata Rud., 1819a, 29, t. h. *Falco nisus*, etc.; M. V.—1819: *Physalopt*.
alata Rud., 1819a, 19, 229, t. h. *Meles taxus*; M. V.—1819: *Oxyuris*.
alata Rud., 1819a, 23, t. h. *Ardea nigra*; by Braun, Frœl.—1819: *Spiropt*. 1866: *Fil*. 1891: *Disph*. 1912: *Acuaria* (*Synhimantus*).
alata Schneid, 1866a, 76, t. h. *Tinamus* sp., Brazil.—1866: *Het*.

- alata* Zsch., 1889c, 792 t. h. *Rhea americana*; Basel Zool. Gard.—1889: Spiropt.
alata chevereuxi Seur., 1914, 252, t. h. Epervier; Bône.—1914: Physalopt.
alata nouveli Seur., 1915, 157, t. h. *Accipiter nisus*, *Aquila chrysaetos*; Bou-Saâda.—1915: Physalopt.
alatum Johnst., 1914, 80, t. h. *Cocachroa decortica*; N. Queensland.—1914: Thelast.
alatum Mol., 1858d, 157 t. h. *Mustela putorius*; Padua.—1858: Calodium. 1890: Trichosoma.
alatus Leuck., 1848c, 26, t. h. Narval; Mus. Goett.—1848: Str. (Pharurus, mt.). 1851: Prosthecosacter. 1895: Pseudalius.
alatus Linst., 1879b, 332, t. h. *Manis tetradactyla*.—1879: Str. [1899: Str. linstowi.]
alatus Mol., 1860e, 345, t. h. *Alca torda*, etc.; Europe.—1860: Cosmoc.
alatus Rud., 1802a, 35, t. h. *Pleuronectes maximus*; by Rud.—1802: Cucullanus.
alatus Savelev, 1912, 109; Catharinahafen, Palafjord.—1912: Enoplus.
alatus Wedl., 1861b (1862), 470, t. h. *Uromastix spinipes*; Egypt.—1861: Thelandros, mt.
alatus simiae-angolae M. C. V. in Mol., 1861a, 450.—1861: Str.
alaudæ Rud., 1819a, 15, t. h. *Alauda arvensis*; C. E. V.—1819: Trichosoma.
alaudæ Rud., 1819a, 54, t. h. *Alauda trivialis*; C. E. V.—1819: Asc.
alaudæ Rud., 1819a, 77, t. h. *Alauda nemorosa*, *A. trivialis*; C. E. V.—1819: Echinor.
alaudæ Zed., 1803a, 39, t. h., *Alauda*; Gœze.—1803: Fil. 1809: Gord. 1809: Fil.
alauza Mol., 1859h, 31, t. h. *Alauza vulg.*; Padua.—1859: Nematoideum. 1861: Agamonematodum. 1878: Agamonema.
alba Stoss., 1902c (d; e), 10 (70; 10), t. h. *Cyclodus boddaërtii*; Nuova Olanda.—1902: Physalopt.
albus Bast., 1865c, 117, in sandy soil; Broadmoor, Berks.—1865: Diplogaster.
albatica Stoss., 1898c, 84, t. h. *Testudo graeca*; Trieste.—1898: Oxyuris.
albibarbatus Montg., 1898c, 381; Ogove River, Africa.—1898: Chord.
albicani Sieb., 1848c, 292, t. h. *Yponomeuta cognatella*; by Sieb.—1848: Mermis.
albicilla Bennet & Olivier, 1826a, 13, for *albicillæ* (Asc.).
albicillæ Gmel., 1790a, 3033, t. h. *Falco albicilla*; by Bloch.—1790: Asc. [1809: Asc. depressa.]
albidum Bast., 1865c, 143, tidepools: Falmouth.—1865: Phanoderma.
albidus Bast., 1865c, 137, marine tidepools: Falmouth.—1865: Oncholaimus.
albino Rud., 1809a, 202, Gord. lacustris Kœl. renamed, t. h. *Salmo albus*; by Kœlreuter.—1809: Asc.
alcæ Müell., 1776a, 214, t. h. *Alca*.—1776: Asc. 1790: Echinor. 1791: Proboscidea. [1809: Nematoideum *alcæ-picæ*.]
alcæ-picæ Rud., 1819a, 188, 799, t. h. *Alca pica*; by Fabr.—1819: Dubium. 1851: Nematoideum.
alcedinis Rud., 1819a, 635, t. h. *Alcedo*; Brazil.—1819: Fil.
alcedinis Westrumb., 1821a, 40, t. h. *Alcedo galbula*; Brazil.—1821: Echinor.
alcedinis-galbula Dies., 1851a, 55, t. h. *Alcedo galbula*; Brazil.—1851: Echinor.
alcedinis-superciliosa Mol., 1858c, 426, t. h. *Alcedo superciliosa*; Caicara.—1858: Fil.
alcocki Linst., 1906, 7, t. h. *Cervus eldi*; Calcutta.—1906: Trichoc. 1911: Trichuris.
alepocephali Linst., 1899b, 9, t. h. *Alepocephalus rostratus*; Nizza.—1899: Asc.
alfortensis Rail. & Henry 1910, 214, t. h. *Bos taurus*; Alfort.—1910: Thekzia.
alienata Rud., 1819a, 661, t. h. *Nasua rufa*; Brazil.—1819: Asc. [1896: Asc. mystax.]
alienata Rud. of Leidy 1851b, 205, in *Mephitis americana*; Penn.—1851: Asc. [1856: Asc. columnaris.]
alfredi (am., 1894b). I. S. Pablo, S. A.—1894: Gord. 1897: Parachord.
aliva bradypodis-tridactyli Crep., 1844a, 115, t. h. *Bradypus tridactylus*.—1844: Nematoideum.
alli Beyerinck, 1883 [nv.]; Bos, 1886, 106.—1886: Tylenchus.
allodapa Crep., 1853 (1854a), 61, t. h. *Dicholophus cristatus*; Brazil.—1853: Oxyuris. [1861: Allodapa, type, cf. typica.] 1914: Het. 1914: Allodapa, type. 1914: Subulura (Het.).
aloisii-sabaudia Par., 1907a, 3, t. h. *Agama atricollis*; Africa.—1907: Physalopt.
alongatus Schneidem., 1896a, 318, misprint for *elongatus* (Str.).
alosa Herm., 1782a, 177, t. h. *Clupea alosa*; Strassburg.—1782: Echinor.
alosse Bennet & Olivier, 1826a, 37, for *alosse*, in *Clupea alosa*.—1826: Echinor.
alpestris Menz. in Hofman. & Menz., 1914, 87, stets in Moospolstern; in Rhetikon u. auf dem Pitz Ot.—1914: Dorylaimus intermedius.
alpestris Villot, 1884, 44 [nv.].—1884: Gord. 1897: Parachord. 1913: Chord.
alpinus Linst., 1901e, 278, t. h. *Schizopygopsis kozłowi*; Petrograd Mus.—1901: Echinor.
alpinus Micol., 1913, 118, in fresh water: Ostalpen.—1913: Triodontolaimus, tsd.
alpinus Micol., 1913, 115, aquatic; Lunz, Mittersee, Ostalpen.—1913: Cephalobus. 1914: Chromadora (Parachromadora).

- alpinus* Steiner, 1914, 272; Berner Oberland, Switz.—1914: Dorylaimus.
allicola Menz. in Hoimæn. & Menz., 1914, 87, t. h. Moospolstern; Pizot.—1914: Dorylaimus.
aluconis Müell., 1780, 2 [nv.]; 1784a, 86, t. h. Strix aluco; by Müell.—1780: Echinor. 1784: Echinor. 1908: Chentrosoma. 1911: Centror., mt.
alveatum Looss, 1900c, 185, t. h. Equus [donkey]; Egypt.—1900: Cyathost. 1902: Cylichnost. 1903: Cylicost.
alvum occupantibus Lucius, 1594 [nv.]; Celsus, 1567a, 1 [nv.].—1594: Lumbricus.
ambigua Bast., 1865c, 99, marine; Falmouth.—1865: Monhystera. 1907: Monohystera.
ambigua Rud., 1819a, 19, t. h. Lepus cuniculus, L. timidus; M. V.—1819: Oxyuris. 1845: Passalurus, mt. 1845: Oxyurus. 1882: Ossiuride.
ambiguoides Bütsch., 1874b, 263; Kieler Bucht.—1874: Monhystera.
ambiguus Duj., 1841a, 221, sur une infusion de chair; by Duj.—1841: Vibrio.
ambiguus Rud., 1802a, 43, t. h. Sterna hirundo; by Rud.—1802: Str. [1809: Str. dentatus.]
amblymorla Trav., 1913, 290, for amblymorla Drasche, 1882, t. h. Caprimulgus campestris; Brazil.—[1882: Het.] 1913: Ascaridia.
amblymorla Drasche, 1883a, 139 (1), t. h. Caprimulgus (Podager nacunda) campestris; Brazil.—1883: Heteracis. 1887: Het. [1913: Ascaridia.] 1914: Ascaridia.
amblyoxys Ehrenb. [nv.]; 1838a, 83.—1838: Vibrio.
americana Stiles, 1902 v (w), 777, t. h. Homo; U. S. A.—1902: Unc. 1902: Unic. 1903: Ankylost. 1903: Unc. (Necator, tod.) 1904: Anchylost. 1905: Ancylost. 1905: Anchylost. 1906: Necator. 1908: Anchylost. 1905: Ankylost.
americanum Cobb, 1913, 436, about roots of corn, citrus trees; Atlantic & Pacific Slopes.—1913: Xiphinema, mt.
americanus Cobb, 1914, 90; Colorado.—1914: Ironus.
americanus Cobb, 1914, 96, in a spring; Chevy Chase, Md.—1914: Ethmolaimus.
ammocætis Linst., 1896i, 375, t. h. Ammocetes branchialis; Turin.—1906: Asc.
ammodytis Rud., 1819a, 56, t. h. Vipera ammodytes; M. C. V.—1819: Asc.
ammonis Rud., 1819a, 6, t. h. Ovis ammon; C. E. V.—1819: Str. [1851: Str. contortus. 1861: Oesophagost. acutum. 1900: O. venulosum.]
amphacanthus Grube, 1855 [nv]; Bast., 1865c, 172.—1865: Hemipsilus.
amphicantha Dies., 1851a, 246, t. h. Lemmus dasytrichus; Brazil.—1851: Ophiost. 1909: Rictularia. 1916: Rictularoides, mt.
amphibia Linst., 1899b, 15, t. h. Rana macrodon; Luzon.—1899: Physalopt.
amphipachus Westrumb, 1821a, 4, t. h. Erinaceus europæus; Wien.—1821: Echinor.
amphisbæna M. C. V. in Mol., 1861a, 577, t. h. Amphisbæna kingii; Caiçara.—1861: Deletroc. 1861: Str. 1899: Sclerost.
amphisbæna-alba M. C. V. in Mol., 1861a, 529.—1861: Str. [1861: Str. cylindric.]
amphiuma Leidy, 1856b, 56, t. h. Amphiuma means; [N. A.].—1856: Fil.
anabatis M. C. V. in Mol., 1858c, 401.—1858: Fil.
anabatis Mol., 1860b, 979, t. h. Anabates scandens; Brazil.—1860: Spiropt.
anacanthura Mol., 1860b, 966, t. h. Crotophaga ani, C. major; Cuyaba.—1860: Spiropt. 1897: Oxyspirura.
analis Mol., 1860c, 487, t. h. Ardea purpurea, Ciconia nigra; M. C. V.—1860: Disph.
anas Müell., 1786, 72.—1786: Vibrio. [1838: Amphileptus.]
anatinum Skrj., 1916, 461, t. h. Anas boschas, A. b. dom.; Central Asia.—1916: Epomidiost.
anatis Gmel., 1790a, 3033, t. h. Anas boschas; Bloch.—1790: Asc. [1809: Asc. inflexa.]
anatis Gmel., 1790a, 3045, t. h. Anas fusca; Gœze, 1782a, 164.—1790: Echinor.
[anatis] Gœze, 1782a, 85, t. h. Anas.—1782: Asc. teres. [See anatis Gmel., 1790, and inflexa.]
anatis Rud., 1809a, 71, t. h. Anas; by Paullinus.—1809: Fil.
anatis Rud., 1809a, 215 t. h. Anas dom.; Geneva.—1809: Str. [1819: Str. tubifex. 1851: Eustr. tubifex. 1898: Hystrichis elegans.]
anatis Rud., 1819a, 29, t. h. Anas glacialis; C. E. V.—1819: Spiropt.
anatis Schrank, 1788a, 26, t. h. Anas dom.; Gœze, 1782, 163.—1788: Echinor. 1911: Filicollis, mt., tat.
anatis Schrank, 1790a, 119, t. h. Anas querquedula; Schrank.—1790: Trichoc. [1839: Cap., type.] 1893: Trichosoma. 1912: Trichosomum. 1915: Cap. (Cap.). tsd.
anatis-boschadis Marval, 1905a, 204, t. h. Anas boschas, see also anatis, versicolor, anatis-boschadis-dom., t. h. Anas boschas; Gœze, 1782.—1905: Echinor.
anatis-boschadis-domesticæ Rud., 1809a, 297, t. h. Anas boschas dom.; Gœze, 1782a, 163.—1809: Echinor.
anatis-cygnoides Dies., 1851a, 194, t. h. Anas cygnoides; Greifsw.—1851: Asc.
natis-mollissima Rud., 1809a, 304, t. h. Anas mollissima.—1809: Echinor.

- anatum* Rud., 1819a, 78, t. h. *Anas clangula*, etc.; C. E. V.—1819: *Echinor*.
anceps Frœl., 1802a, 36, t. h. *Falco nisus*; by Frœl.—1802: Asc. [1819: *Spiropt. leptopt.*]
anchilostomum Ward, 1895a, 311, so. *Unc. duodenalis*.—1895: *Doch*.
anchylostomum Mol., 1861a, 485, *duodenale* renamed, t. h. *Homo*.—1861: *Doch*.
ancylostirus Ward & Magath, 1917, 58, t. h. *German carp*; Fairport, Ia.—1917: *Camallanus*.
ancylostomum R. Bl., 1888a, 744, for *anchylostomum* (*Doch.*).
andersoni Cobbold, 1876, 296, t. h. a squirrel; India.—1876: Asc. 1914: *Subulura*.
androphora Nitsch, 1821a, 48, t. h. *Triton tæniatus*; Ing.—1821: Asc. 1821: *Hedruris*, mt. 1836: *Heteroura*, type. 1851: Asc. (*Hedruris*).
anechma Southern, 1914a, 13; *Clew Bay*.—1914: *Monhystera*.
aneurysmaticus Rud., 1809a, 204, t. h. *Equus asinus*, E. cab.; Europe.—1809: *Str. armatus minor*. 1851: *Sclerost. armatum minor*. 1877: *Sclerost.* 1897: *Str.*
angiostoma Schneid., 1866a, 155, *limacis* 1845 renamed, t. h. *Limax ater*; Saxony.—1866: *Leptodera*. [1845: *Angiost. limacis*, tat.] 1880: *Rhabditis*. 1908: *Rh. (Leptodera)*.
anguilla Baird, 1853a, 23, for *anguillæ* (Asc.).
anguilla Lockwood, 1872a, 449, t. h. *Anguilla acutirostris*; near Keyport, N. J.—1872: *Koleops*, mt.
anguillæ Dies., 1851a, 115, t. h. *Anguilla vulg.*; Eng.—1851: *Trichina*.
anguillæ Gmel., 1790a, 3035, t. h. *Anguilla*; quotes *Redi*.—1790: Asc. [1851: Asc. *labiata*.]
anguillæ Ishii, 1916, 314.—1916: *Fil*.
anguillæ Linst., 1899b, 9, t. h. *Anguilla vulg.*; Berl.—1899: Asc.
anguillæ Müell., (1780), 2 [nv.]; 1784a, 84, t. h. *Muræna anguilla*; by Müell.—(1780): *Echinor*. 1784: *Echinor*. 1911: *Acanthocephalus*, type.
anguilla Schrank, 1788a, 14, based on Gœze, 1782.—1788: *Cucullanus*. 1809: *Cucullanus lacustris*.
anguillula Müell., 1773b, 41, in *glutine farinosa et alibi*; cf. *aceti*, *fluvialis* and especially *glutinis*.—1773: *Vibrio*. 1779: *Chaos*. [1786: *Anguillula*, tat.]
anguillula acet (Müell., 1783) Bory, 1824n, 778.—1824: *Vibrio*.
anguillula fluvialis Müell., 1786a, 65, 68, for *fluvialis* 1783.—1786: *Vibrio*.
anguillula glutinis (Müell., 1783) Müell., 1786a, 64.—*Vibrio*.
anguillula marina (Müell., 1783) Müell., 1786a, 66.—1786: *Vibrio*.
angulata Rhind, 1829a, 102.—1829: *Oxyuris*.
angulata Rud., 1803a, 8, t. h. *Cottus scorpius*; Greifsw.—1803: Asc.
angulatus Linst., 1906, 243; *Funchal*, Madeira.—1906: *Gord*.
anguivalvis Crep., 1851a, 158, t. h. *Balæna rostrata*; Bergen.—1851: Asc.
angustatus Rud., 1802a, 53, t. h. *Esox belone*, *Gasterosteus aculeatus*; by Rud.—1802: *Echinor*.
angusticephalus Steiner, 1914, 433; *Bellinzona*, Schweiz.—1914: *Dorylaimus*.
angusticollis Mol., 1860e, 336, t. h. *Falco haliaëtus*, F. buteo; M. C. V.—1860: Asc.
angustum Duj., 1845a, 16, t. h. *Fringilla cœlebs*; by Duj.—1845: *Trichosomum*. [1845: *Trichosoma*.] 1915: *Cap. (Cap.)*.
angustus Kaiser, 1893b, 25, lapsus for *angustatus*.—1893: *Echinor*.
anhingæ Wyman, 1868a, 100, t. h. *Plotus anhinga*; Florida.—1868: *Fil*.
ani Schrank., 1788a, 12, t. h. *Wasserkroeten*; by Gœze.—1788: Asc. [1790: Asc. *bufonis*. 1809: Asc. *brevicaudata*. 1851: Asc. *acuminata*.]
anisitsi Daday, 1905, 48; Paraguay.—1905: *Aphanolaimus*.
ankylostoma Lutz, 1888f, 747, for *anchylostomum* (*Doch.*).
ankylostomum Huber, 1896a, 597, for *anchylostomum*. (*Doch.*).
ankylostomus Dugl., 1893a, 340, for *anchylostomum* (*Dochmius*).
annandalei Cam., 1908, 113, t. h. *Mantis*; Chitlong, Nepal.—1908: *Chord*.
annulare Geddes, 1903a, 50, for *annulatum* Mol.? (*Trichosoma*).
annularis Rud., 1809a, 287, for *annulatus*, 1790.—1809: *Echinor*.
[annulata Linn., (*Leptodira*, a snake).—1910: *Leptodera*, lapsus.]
annulata Linst., 1899b, 21, t. h. *Stellio vulg.*; Egypt.—1899: *Oxyuris*.
annulata Man, 1880a, 59, in moist soil; Holland.—1880: *Macroposthonia*, mt.
annulata Mol., 1858c, 386, t. h. *Cebus lagothrix*; Brazil.—1858: *Fil*.
annulata Mol., 1860e, 340, t. h. *Ophis saurocephalus*; Caiçara.—1860: *Het.* 1913: *Subulura*?
annulata Rizzo, 1902b, 31, t. h. *Gongylus ocellatus*; Catania.—1902: *Oxyuris*.
annulata Stoss., 1897b, 111, for *anulata* (*Spiropt.*).
annulatum Mol., 1858d, 156, t. h. *Phasianus gallus*; Padua.—1858: *Trichosoma*.
annulatus Daday, 1905, 65, in fresh water; Paraguay.—1905: *Dorylaimus*.
annulatus Gmel., 1790a, 3048, t. h. *Cottus scorpius*, *C. callarias*, *C. brama*; by Müell.—1790: *Echinor*.

- annulatus* Linst., 1906, 243, t. h. *Ontonotus onos*; Amur, E. Siberia.—1906: Gord.
annulatus Linst., 1906, 246; Queensland, Australia.—1906: Parachord.
annulatus Mol., 1858d, 143, t. h. *Gadus merluccius*; Padua.—1858: Echinor.
annulatus Mol., 1859h, 29, t. h. *Labrax lupus*; Padua.—1859: Lecanoc. 1915: Gœzia.
annulatus Mol., of Dies., 1861a, 720, for *anulatus* 1860, t. h. *Palamedea cornuta*; Brazil.—1861: Str.
annulatus Schep., 1907a, 138; Nap.—1907: *Desmoscolex*.
annulatus Sieb., 1848a, 114, t. h. *Canis lupus*; Ing.—1848: Str.
annulifera Daday, 1905, 52; Paraguay.—1905: *Monhystera*.
annulosa Baird, 1853a, 8, t. h. *Steropus* (*Pterostychus*) *madidus*; Gr. Brit.—1853: Fil.
annulosa Daday, 1911, 504; Neuenburger-See.—1911: *Hydromermis*.
annulosum Duj., 1845a, 27, t. h. *Mus rattus*, *M. decumanus*; Rennes.—1845: *Calodium*, ? type. 1851: *Trichosomum* (*Calodium*). 1889: *Trichosoma* (*Calodium*). 1916: Cap.
anolabiata Mol., 1860b, 981, t. h. *Crax fasciolata*; Brazil.—1859: *Spiropt.* 1897: Fil. 1904: *Oxyspirura*. 1910: *Thelazia*.
anomala Linst., 1904f, 7, t. h. *Tropidonotus piscator*; Colombo.—1904: Het. 1916: Tanqua.
anomala Mol., 1860d, 650, t. h. *Felis onça*; Matogrosso, Brazil.—1860: *Physalopt.*
anoura Duj., 1845a, 221, t. h. *Pithon bivittatus*; Mus. Paris.—1845: Asc. (*Polydelphis*, mt.). 1853: *Polydelphis*. 1853: Asc. [1861: Asc. *attenuata*.]
anser Müell., 1773b, 46, in aquis, ubi Lemna, hospitatur.—1773: *Vibrio*. [1822: *Amiba*. 1838: *Amphileptus*.]
anseris Nitzsch in Rud., 1809a, 86.—1809: Fil. [1809: *Trichoc. capillaris*.]
anseris Zed., 1800a, 73, in duodeno *Anserum saginatorum*, t. h. *Anser*.—1800: Str. 1909: *Sclerost.* 1909: *Amidost. tod.*
antarctica Cobb, 1914, 8, Bay; Cape Royds.—1914: *Euchromadora*.
antarctica Cobb, 1914, 8, Bay; Cape Royds.—1914: *Monhystera*.
antarctica Cobb, 1914, 8, Bay; Cape Royds.—1914: *Spilophora*.
antaretica Cobb, 1914, 8; Cape Royds.—1914: *Sabatieria*.
antaretica Leiper & Atkinson, 1914, 226, t. h. *Mustelus antarcticus*.—1914: *Terranova*, mt.
antarctica Linst., 1899b, 15, t. h. *Acanthophis antarctica*, *Cyclodus occipitalis*; S. Australia.—1899: *Physalopt.*
antarcticum Linst., 1892a, 3, marine; Süd-Georgien.—1892: *Leptosomatum*.
antarcticum Linst., 1896a, 11, aquatic; Uschuaia.—1896: *Symplocost.*
antarcticum Linst., 1907, 2.—1907: *Thoracost.*
antarcticus Cobb, 1914, 8, Bay; Cape Royds.—1914: *Aplectus*, mt.
antarcticus Linst., 1896a, 9, free; Uschuaia.—1896: *Oncholaimus*.
antarcticus Man, 1904, 8, sur une algue d'eau douce; Terre de Danco, etc.—1904: *Plectus* (*Plectoides*).
antarcticus Rennie, 1907a, 437, t. h. *Leptonychotes weddelli*; S. Orkneys.—1907: Echinor.
antarcticus Steiner, 1916, 315; Discovery Bay, Antarctic.—1916: *Dorylaimus*.
anterochelina Mol., 1860b, 975 (67), t. h. *Bradypus tridactylus*; M. C. V., Brazil.—1860: *Spiropt.*
anterospiralis Mol., 1860e, 337, t. h. *Felis concolor*; Caigara.—1860: Asc. [1896: Asc. *mystax*.]
anthicola Linst., 1903u, 272, t. h. *Anthus richardi*; N. China.—1903: Fil. 1917: *Aprocta*.
anthochaera Johnst., 1912, 111, t. h. *Anthochaera carunculata*; Coll. Kreft, E. Australia.—1912: *Ceratospira*. 1912: *Oxyspirura*.
anthochaera Rail., 1916, 105 (for *anthochaera*) (*Oxyspirura*).
anthophorus Savelev, 1912, 116; Kolatjord, Hirschenfjord.—1912: *Oncholaimus*.
anthuris of Dies., 1851a, 215, (in part).—1851: *Spiropt.* [1860: *Spiropt. sygmoidea*.]
anthuris Duj., 1845a, 528, t. h. *Triton cristatus*, *T. punctatus*; Rennes.—1845: Echinor. 1911: *Anthoch.*
anthuris Rud., 1819a, 25, t. h. *Coracias garrula*, *Oriolus galbula*; M. V.—[1811: *Acuaria*, type.] 1819: *Spiropt. tsd.* [1819: *Anthuris*, tat.] 1866: Fil. 1845: *Disph.*, *tsd.* [1905: *Acuaria*, type.] 1912: *Acuaria* (*Acuaria*, type).
anticlara Mol., 1858c, 381, t. h. *Dasypus gilvipes*; Aldea S. Anna, Brazil.—1858: Fil.
antilopis Rud., 1810a, 265, t. h. African Bock.—1810: *Vermis* (*dubius*). 1819: *Dubium*. 1851: *Nematoideum*.
anulata Mol., 1860b, 983, t. h. *Ciconia maguari*; Brazil.—1860: *Spiropt.*
anulatus Mol., 1860e, 350, t. h. *Palamedea cornuta*; Egenbo do Cap Gama.—1860: Str.
anuligera Crep., 1846a, 138, t. h. *Colymbus cristatus*, etc.; by Crep.—1846: Asc.
anulosa Trav., 1915, 150 for *annulosa* Duj. 1845.—1915: Cap. (Cap.).

- anura* Crep., in Retz., 1848a, 166, for anoura, t. h. *Python bivittatus*.—1848: Asc. [1896: Asc. *attenuata*.]
- apapillocephala* Cond.-Franc., 1892e, 168, s. *inermis* Grassi, t. h. horse and ass; Italy.—1892: Fil.
- aphidis gallarum abietis* Dies., 1851a, 100; t. h. *Chermetis abietis* larva.—1851: Fil. 1851: Gord.
- aphrodite* Chiaje [nv.]; Par., 1894a, 244, t. h. *Aphrodite aculeata*; Nap.—1894: Fil.
- aphrophoræ-spumariæ* Dies., 1851a, 100, t. h. *Aphrophora* (*Ptyela*) *spumaria*.—1851: Gord.
- [*apiarium* Bosc, 1812a, 72, t. h. abeille; by Labillardiere.—1812: *Dipodium*, mt. (Insect).]
- apiculigera* Jægers., 1898a, 738, misprint for *spiculigera* (Asc.).
- api-cancriformis* Dies., 1851a, 86, t. h. *Apus cancriformis*.—1851: Gord.
- apiostomum* Willach, 1891c, 340, t. h. *Macacus cynomolgus*; Germany.—1891: Sclerost. 1905: Oesophagost.
- apis-terrestris* Cat. RCSL, 1830, 37, t. h. Humble-bee.—1830: Fil.
- appendiculata* McCrady, 1874a, 189, hng.—1874: Fil.
- appendiculata* Mol., 1860b, 982, t. h. *Eurypyga helias*; Brazil.—1860: Spiropt.
- appendiculata* Schneid., 1866 [nv.]; Raill., 1916, 139, in *Triton teniatus*.—1916: Fil.
- appendiculata* Stoss., 1897a, 4, t. h. *Brama rayi*, *Pelamys sarda*; Trieste.—1897: Asc.
- appendiculatum* Leidy, 1850e, 101, t. h. *Blatta orientalis*; Leidy.—1850: Thelast. [1850: *Aorurus*.] 1853: Thelast. 1857: Th. (*Aorurus*). 1861: *Anguillula* (*Thelast.*). 1877: *Oxyuris*. 1879: *Oxyurus*.
- appendiculatum* Mol., 1861a (b), 120, t. h. *Coluber lichtensteini*, etc.; Brazil.—1861: Kalic. 1899: Sclerost. 1909: *Diaphanoc*.
- appendiculatum* Schneid., 1859a, 176.—1859: *Alloionema*, mt. 1863: *Alloeonema*. 1866: *Leptodera*. 1876: *Rhabditis* (*Leptodera*). 1885: *Cephalobus*.
- appendiculatum* Westrumb, 1821a, 15, t. h. *Sorex araneus*; Wien.—1821: Echinor.
- applanata* Linst., 1899b, 5, t. h. *Chamæleo melleri*; Deutsch-Ostafrika.—1899: Asc.
- apri* Dies., 1851a, 119, t. h. *Capros aper*; Nap.—1851: *Agamonema*.
- apri* Gmel., 1790a, 3032, t. h. *Sus scrofa*; by Gœze.—1790: Asc. 1803: *Fus*. 1809: Gord. *pulmonalis*. [1809: *Str. suis*. 1851: *Str. paradoxus*.] 1895: *Str*. 1907: *Metastr.*, type. 1910: Sclerost.
- apri* Gmel., 1790a, 3038, in *apro*; Gœze, 1782a.—1790: *Trichoc*. 1803: *Mastigodes*.
- apteryx* Chatin, 1885a, 38, t. h. *Apteryx* [*mantelli*]; ? isle Campbell or Nouvelle Zeland.—1885: Asc.
- aquatica* Buëtsch., 1873a, 69, in water; F. a. M.—1873: *Anguillula*.
- aquatica* Micol., 1913, 546, aquatic; Ost-Alpen.—1913: *Rhabditis*.
- aquaticus* Dayay, 1894, 128, aquatic; Balaton.—1894: *Aphanolaimus*.
- aquaticus* Daday, 1896, 414.—1916: *Prismatolaimus*.
- aquaticus* Klein, 1755, 68.—1755: *Lumbricus*. 1874: *Gordius*.
- aquaticus* Linn., 1758a, 647; in *argilla et aquis*.—1758: Gord. 1755: *Lumbricus*. 1638: *Vitulus*. 1674: *Seta*. (1760) 1768: *Seta*.
- aquaticus* Man, 1880a, 60, in fresh water.—1880: *Rhabdolaimus*.
- aquaticus* Micol., 1913, 120, in fresh water; Untersee Ostalpen.—1913: *Tylencholaimus*. 1917: *Criconema*. 1917: *Hoplolaimus*.
- aquaticus difficilis* Montg., 1898a, 31, N. Carolina.—1898: Gord.
- aquaticus robustus* (Leidy, 1856) Montg., 1898a, 28.—1898: Gord.
- aquatus* Lauterborn, 1913, 871, for *aquaticus* (Gord.).
- aquatilis* Duj., 1845a, 68, free under leaves of *Nymphaea*; Rennes.—1845: Fil. [1845: Fil. *lacustris*.] 1878: *Mermis*. 1902: *Paramermis*. 1911: *Limnomermis*.
- aquila* Gmel., 1790a, 3033, t. h. *Falco chrysætos*; Redi.—1790: Asc. 1803: *Fus*. 1809: Fil. [1853: Fil. *attenuata*.]
- aquillæ* S., F., & W., 1908a, 287, t. h. *Haliaëtus leucoc.*; Phila. Zool. Gard.—1908: Asc.
- araneæ* Rud., 1809a, 78, t. h. *Aranea* sp.; by Latr.—1809: Fil. 1851: Gord.
- araneorum* Schrank, 1803b, 186 t. h. eine Spinne; Roesel.—1803: Fil. 1815: Gord. (Fil.).
- arctica* Linst., 1880a, 42, t. h. *Diomedea leucops*; N. Pacific.—1880: Asc.
- arcticus* Cobb, 1888a, 24, t. h. *Beluga leucas*; N. Eismeer.—1888: *Str*. 1906: *Pseudalius*.
- arcticus* Linst., 1901e, 280, t. h. *Gadus callarias*; Behring Isl.—1901: Echinor.
- arcticum* Savelev, 1912, 124, in *Lithothamnium murmanicum*; Palafjord.—1912: Thoracost.
- arcuata* Cobbold, 1874h, 83, t. h. *Equus cab.*; Eng.—1874: *Trichonema*, mt. 1875: *Trichozema*.
- arcuata* Linst., 1907, 252, t. h. *Astur* sp., *Falco peregrinus*; Brandenburg, and Berl. (? from China).—1907: Asc.

- arcuatus* Dies., 1851a, 47, t. h. *Macrodon trahira*; Brazil.—1851: Echinor. [1907: Echinoma.]
- ardea* Bennet & Olivier, 1826a, 32, for *ardea*? (Echinor.).
- ardea* Fox, 1912, 36, t. h. *Ardea herodias* (for *ardea*? 1908).—1912: Asc.
- ardea* Dies., 1851a, 194, t. h. *Ardea cinerea*; Ireland; by Bellingh., 1844a, 174.—1851: Asc.
- ardea* Frœl., 1802a, 44, t. h. *Ardea cinerea*; by Frœl.—1802: Asc.
- ardea* Gmel., 1790a, 3046, t. h. *Ardea cinerea*; Gørze, 1782a, 152.—1790: Echinor.
- ardea* M. C. V. in Mol., 1858c, 391.—1858: Fil. [See subspiralis.]
- ardea* Mol., 1860b, 981, t. h. *Ardea coçoi*; Brazil.—1860: Spiropt.
- ardea* Nawrotzky, 1914, 361, t. h. *Ardea alba*; Petrograd Zool. Gard.—1914: Fil.
- ardea* S. F. & W., 1908a, 287, t. h. *Ardea herodias*; Phila. Zool. Gard.—1908: Asc.
- ardea* S. F. & W., 1908a, 293, t. h. *Ardea herodias*; Phila. Zool. Gard.—1908: Disph.
- ardea* Stoss., 1897b, 60, for *ardea* (sublingualis), t. h. *Ardea exilis*; Brazil.—1897: Fil.
- ardea-alba* Rud., 1809a, 307, *garzæ* renamed, in *Ardea alba*; Redi.—1809: Echinor.
- ardea-cinerea* Rud., 1809a, 72, t. h. *Ardea cinerea*; by Braun.—1809: Fil.
- ardea-exilis* M. C. V. in Mol., 1858c, 428, t. h. *Ardea exilis*; Rio Araguay.—1858: Fil. [1858: F. *ardea* (sublingualis).]
- ardea-maguari* M. C. V. in Mol., 1860b, 932 (24), t. h. *Ciconia maguari*.—1860: Spiropt. [1860: Disph. *longeornatus*.]
- ardea-nigra* Braun in Rud., 1809a, 426, t. h. *Ardea nigra*; by Braun.—1809: Echinor. [so. Dist. *ferox*.]
- ardea-nigra* Rud., 1819a, 9, t. h. *Ardea nigra*; by Rosa.—1819: Fil.
- ardea-nycticoracis* Cobbold, 1861e, 123, t. h. *Ardea nycticorax*; Lond. Zool. Gard.—1861: Fil.
- ardea-purpurea* Crep., 1846b, 165; quotes Aless.—1846: Fil.
- ardea-purpurea* Rud., 1819a, 78, t. h. *Ardea purpurea*; C. E. V.—1819: Echinor.
- ardea-stellaris* Rud., 1819a, 37, t. h. *Ardea stellaris*; C. E. V.—1819: Str.
- ardea* (sublingualis) Mol., 1858c, 428, t. h. *Ardea exilis*; Rio Araguay.—1858: Fil.
- ardearum* Rud., 1819a, 55, t. h. *Ardea comata*, *A. purpurea*; Ing.—1819: Asc. [1850: Asc. *microc.*]
- ardearum* Rud., 1819a, 636, t. h. *Ardea*; Brazil.—1819: Fil.
- arcnaria* Neal, 1889, 27, t. h. *Capsella bursa-pastoris*, etc.; U. S. A.—1889: Anguilula. 1913: Tylenchus.
- arenarius* Muell., 1774a, 33; in fundo sabuloso Sinus Christiensis norvegia.—1774: Gord. [?1787: Lumbricus.]
- arenarius* Muell., 1776, 216.—1776: Lumbricus.
- arenicola* Man, 1880a, 13, in sand; Holland.—1880: Tripyla.
- arenicola* Lauterborn, 1906, 268, in water; Johanniskreuz in Pfalzerwald.—1906: Mermis. 1913: Paramermis.
- arcolatus* Linst., 1906, 245; Boschabelo, S. E. Africa.—1906: Paragord.
- arcolatus* Rud., 1819a, 69, t. h. *Motacilla atricapilla*; M. V.—1819: Echinor.
- argentinae* Gmel., 1790a, 3037, t. h. *Argentina*; by Redi.—1790: Asc. 1803: Fus. [1810: Dubium *arg.-sphyraenæ*. 1851: *Nematoideum arg.-sph.*]
- argentinae* Gmel., 1790a, 3049, t. h. *Argentina*; Redi.—1790: Echinor. 1819: Tetrar.
- argentinae* Rud., 1819a, 60, t. h. *Argentina sphyraena*; Rome.—1819: Asc. [1896: Asc. *capsularia*.]
- argentinae* Rud., 1819a, 80, t. h. *Argentina sphyraena*; Redi.—1819: Echinor.
- argentinae-sphyraenæ* Rud., 1810a, 282, *Argentina sphyraena*; Redi.—1810: Vermis (dubius). 1819: Dubium. 1851: *Nematoideum*.
- argillaceus* Linn., 1758a, 647; intra argillam.—1758: Gord.
- armadillonis-pillularis* Leidy, 1852b, 243, t. h. *Armadillo pillularis*; by Leidy.—1852: *Nematoideum intestinorum*. 1916: *Agamonematodum*.
- armata* Gescheidt, 1833a, 442, t. h. *Falco lagopus*; by Gescheidt.—1833: Fil.
- armata* Mol., 1860b, 971, t. h. *Dicotyles albirostris*; Brazil.—1860: Spiropt.
- armata* Perrier, 1871a, 1, t. h. *Emys picta*; Paris Mus.—1871: Hedruris.
- armata* Pol., 1859 [nv.]; Par., 1894a, 225, 627; t. h. *Lacerta muralis*; Padova.—1859 or 1894: Oxyuris.
- armata* Rud., 1801a, 57, based on Zed., 1800a, 100.—1801: Gœzia, tsd.
- armatum* Barrois [nv.]; Schep., 1907a, 158.—1907: Chætosoma.
- armatum* Lins., 188a, 9, 10, in *Myoxus glis* (? for *cristatum* Rud.).—1889: Ophiost.
- armatus* Blanch., 188a, 5, t. h. *Macacus cynomolgus*.—1912: Streptopharagus, mt.
- armatus* Buetsch., 1873a, 90, on *tsiner Walde* rdbeere; Germany.—1873: Plectus.
- armatus* Daday, 1894, 134, aquatic; Balaton.—1894: Mononchus macrost.
- armatus* Hofmæn., 1913, 631, aquatic; Villeneuve.—1913: Diplogaster.
- armatus* Rud., 1802a, 38, t. h. *Equus cab.*—1802: St^r. 1809: Sclerost. 1878: Sclerostomum. 1895: Piguris.

- armatus* Zed., 1800a, 92, t. h. *Perca* vulg.; by Zed.—1800: *Cucullanus*.
armatus Zed., 1803a, 50, t. h. *Silurus glanis*.—1803: *Cochlus*, type.
armatus major of Rud., Cat. RCSL, 1830, 39; Rayer, 1843b, 9; t. h. *Equus*.—1830: Str. 1843: Str.
armatus major, intestinalis Rud., 1809a, 205.—1809: Str. 1851: *Sclerost*.
armatus minor aneurysmaticus Rud., 1809a, 204, t. h. *Equus asinus*, E. cab.; Europe.—1809: Str. 1851: *Sclerost*.
armatus proles Rud., 1808a, 325.—1808: Str. [1851: *Sclerost. tetracanthum*.]
armatum minor Rail., 1884f, 255, t. h. *Equus* cab.; Saumur.—1884: *Sclerost*.
armatus minor of Rud.; Cat. RCSL, 1830, 39; Rayer, 1843b, 1; t. h. *Equus* cab.—1830: Str. 1843: Str.
armiger Müell., 1776, 215.—1776: *Lumbricus*.
armillata Rail. & Henry, 1909, 128, t. h. *Bos*; India.—1909: *Onchocerca*. 1912: *Oncocerca*.
arnfeldi Cagney & Gobert. 1904a, 698, for *arnfieldi* (Str.).
arnfieldi Cobbold, 1884b, 4, t. h. *Equus asinus*; Gr. Brit.—1884: Str. 1907: *Dictyocaulus*. 1912: *Metastr.* 1913: Str. (*Dictyocaulus*).
arnsfieldi Müell., 1889a, 290, misprint for *arnfieldi* (Str.).
arquata Schneid., 1866a, 77, t. h. *Crypturus cupreus*; Brazil.—1866: Het. 1914: *Ascaridia*.
arsenoidea Hagmeier, 1912, 563.—1912: *Mermis*.
ascanides Rud., 1805a, 41, misprint for *ascaroides* (*Cucullanus*).
ascaris Dies., 1851a, 557, t. h. *Byrrhus pilula*, etc.; Berl.—1851: *Anguillula*.
ascaris-rubicunda Stoss., 1895c, 36 (6), t. h. *Python reticulatus*; Singapore.—1895: *Agamonema*.
ascaroidea Hall, 1916a, 203, t. h. *Geomys breviceps*; Oklahoma.—1916: *Protospirura*.
ascaroides Gœze, 1782a, 40, t. h. *Silurus*; by Gœze.—1782: *Cucullanus*. 1803: *Cucullus*. 1805: *Prionoderma*, mt. 1915: *Gœzia*, type.
ascaroides Lauterborn, 1913, 871.—1913: *Paramermis*.
ascaroides Linst., 1897b, 322, t. h. *Cercopithecus mona*; Ing.—1897: *Fil.*
ascaroides Nitzsch in Gieb., 1857a, 268, t. h. *Falco peregrinus*; Coll. Nitzsch.—1857: *Spiropt.*
asetosa Southern, 1914a, 18; Clew Bay.—1914: *Oxyst.*
asini Cond.-Franc., 1892e, 173, t. h. *Equus asinus*; by Riv.—1892: *Fil. oculi*.
asini-feri Rud., 1809a, 125, based on Pall., 1781.—1809: *Asc. lumbricoides*.
asininus Viborg, 1795, 237 [nv.]; Rud., 1809a, 207; t. h. *Equus asinus*.—1795: Str.
askenasyi Büetsch., 1873a, 39, t. h. *Hypnum cupressiformis*; Feldburg.—1873; *Tylenchus*.
asmiliun R., H., & J., 1913, 264, t. h. *Cercopithecus callitrichus*, C. patas; Haute Guinée française.—1913: *Characost.*
aspera Büetsch., 1873a, 113, in faulenden Runkelrüben; by Büetsch.—1873: *Rhabditis*.
aspera Nitzsch in Gieb., 1857a, 268, t. h. *Strix brachyotis*; Coll. Nitzsch.—1857: *Fil.*
asperum Rail. & Henry, 1913, 507, t. h. *chèvre*; Ancon, Canal Zone.—1913: *Oesophagost.* (*Hysteracrum*).
aspidophori Ben., 1871a, 34, t. h. *Aspidophorus europæus*; Belgium.—1871: *Asc.*
aspii Dies., 1851a, 121, t. h. *Aspius rapax*; Berl.—1851: *Agamonema*.
assimilis Büetsch., 1873a, 93, in Moos eines Baumstammes; by Büetsch.—1873: *Plectus*.
astaci-fluviatilis Dies., 1851a, 7, t. h. *Astacus fluviatilis*; Sieb., 1853a, 64.—1851: *Echinor.* [1851: *Gregarina miliaria*.]
astrophidis major Stoss., 1896a, 77, for major *astrophidis-tigridis*, t. h. *Astrophis tigris*.—1896: *Asc.*
astrophidis minor Stoss., 1896a, 77, for minor *astrophidis-tigridis*, t. h. *Astrophis tigris*.—1896: *Asc.*
astrophidis-tigridis Dies., 1851a, 195, t. h. *Astrophis tigris*; Lamarepicquot.—1851: *Asc. major*.
astrophidis-tigridis Dies., 1851a, 195, t. h. *Astrophis tigris*; Lamarepicquot.—1851: *Asc. minor*.
astrophidis-tigridis major Dies., 1851a, 563, for major *astrophidis-tigridis* (*Asc.*).
astrophidis-tigridis minor Dies., 1851a, 563, for minor *astrophidis-tigridis* (*Asc.*).
asturinus Johnst., 1913, 93, t. h. *Astur novæhollandiæ*; N. Queensland.—1913: *Cigantor*.
asus Müell., 1790, 194, misprint for *acus* (*Asc.*).
atak Muell., 1776a, 214.—1776: *Asc.* [1845: *Ophiost. dispar*.]
ateri Fuchs, 1914, 205.—1914: *Tylenchus dispar*.
atherina Rud., 1819a, 60, t. h. *Atherina hepsetus*; Nap.—1819: *Asc.*
atherinæ Rud., 1819a, 80, t. h. *Atherina hepsetus*; Nap.—1819: *Echinor*.

- atratus* Linst., 1896a, 10, free; Navarin, Puerto Toro.—1896: *Enoplus*.
atratus Linst., 1901a, 1, in water; Padua.—1901: *Dorylaimus*.
attentus Man, 1880a, 6, free; Holland.—1880: *Aphanolaimus*, mt.
attenuata Mol., 1858d, 147, t. h. *Python tigris*; Padua.—1858: *Asc.* [1891: *Asc. anoura*.]
attenuata Mol., 1858 (1859e), 299, t. h. *Leuciscus cavedanus*; Padua.—1859: *Dacnitis*. 1888: *Het.*
attenuata Rud., 1803a, 3, t. h. *Corvus cornix*; by Rud.—1803: *Fil.* 1815: *Gord.* (*Fil.*)
attenuata Rud., 1819a, 25, t. h. *Hirundo urbica*, etc.; M. V.—[1811: *Acuaria*.] 1819: *Spiropt.* 1845: *Disph.* 1912: *Acuaria* (*Acuaria*).
attenuata Zed., 1803a, 38, t. h. *erucis*; Ing.—1803: *Fil.*
attenuatum Leidy, 1849a, 231, t. h. *Julus marginata*; by Leidy.—1849: *Thelast.* [1849: *Aorurus*.] 1861: *Anguillula* (*Thelast.*).
attenuatus Duj., 1845a, 236, in water among algae; Lorient.—1845: *Oncholaimus*, ?tsd. 1851: *Enoplus*.
attenuatus Leidy, 1856b, 54, t. h. *Cynoc. porcarius*; Ing.—1856: *Str.* [1861: *Str. cynocephali*.] 1906: *Oesophagost.*
attenuatus Lint., 1890a, 529, t. h. *Acipenser brevirostris*; Woods Hole.—1890: *Echinor.*
attenuatus Man, 1880a, 94, in moist soil; Holland.—1880: *Dorylaimus*.
attenuatus Man, 1907, 241, free; Iersee.—1907: *Linhomœus* (*Paralinhomœus*).
attenuatus Mol., 1860e, 351, t. h. *Dicotyles albirostris*; Caiçara.—1860: *Str.* [1898: *Str. molini*.]
attenuatus Müell., 1779a, 89, t. h. *Pleuronectes limanda*; Europe.—1779: *Echinor.*
attenuata falconis-picti M. C. V. in Mol., 1858c, 392, t. h. *Falco swainsonii*; Caiçara, Matagrosso, Brazil.—1858: *Fil.* [1858: *Fil. verrucosa*.]
attenuata strigis-flammeæ M.C.V. in Mol., 1858c, 408, t. h. *Strix flammea*; Ypanema, Brazil.—1858: *Fil.* [1858: *Fil. hystrix*.]
attenuato-verrucosa M. C. V. in Mol., 1858c, 394, t. h. *Thamnophilus canadensis*; Brazil.—1858: *Fil.* [1909: *F. (Diplotriæna)*.]
aubeformis Mosler & Peiper, 1894a, 314, in Affen.—1894: *Trichoc.*
aucta Rud., 1802a, 26, t. h. *Blennius viviparus*; by Rud.—1802: *Asc.* 1803: *Fus.* 1809: *Asc.*
audinflatum Kowal., 1904, 25 (10), misprint for *caudinflatum* (*Trichosoma*).
aulicatina Skrj., 1916, 461, t. h. *Hæmatopus ostralegus*; Russian Turkestan.—1916: *Schistorophus*.
auræ Trav., 1913, 252, t. h. *Cathartes aura*; Piahy, Brazil.—1913: *Gigantor.*
aurantiacus Mont., 1905e, 1, misprint for *aurantiacus* (*Echinor.*).
aurantiacus Linst., 1906, 246; Honduras.—1906: *Chord.*
aurantiacus Risso, 1826a, 261, t. h. *Vogmar d'Aristote*; Alpes maritimes.—1826: *Echinor.* 1908: *Bolbosoma*.
auratum Lüetken, 1876, 508, in ducks; quotes Hayem.—1876: *Sclerost.* [See also *armatum*.]
auriculata Stoss., 1896a, 42, for *auriculata* (*Asc.*).
auricularis Rud., 1802a, 25, t. h. *Ovis aries*; by Rud.—1802: *Trichoc.*
auricularis Zed., 1800a, 73, t. h. *Rana* temp.; Europe.—1800: *Str.* 1878: *Storgylus*.
auriculata Rud., 1819a, 655, t. h. *Coluber* sp.; Brazil.—1819: *Asc.*
auriculatum Looss, 1900c, 189, t. h. *Equus* (donkey); Egypt.—1900: *Cyathost.* 1902: *Cylichnost.* 1903: *Cyliclost.*
auriculatus Bütsch., 1873a, 91, in moss; Germany.—1873: *Plectus*.
auriculatus Kûech, 1857a, 386, for *auricularis*? (*Str.*).
auriculatus Saveliev, 1912, 109, in *Lithothamnium murmanicum*; Parafjord.—1912: *Enoplus*.
aurita Linst., 1879a, 168, t. h. *Anous melanogenys*; Madagascar.—1878: *Asc.*
aurita Nitzsch in Gieb., 1857a, 268, t. h. *Falco peregrinus*; Coll. Nitzsch.—1857: *Spiropt.*
auritæ Trav., 1914, 429; 1915, 153, t. h. *Didelphis aurita*.—1915: *Cap.* (*Cap.*).
ausculata Sieb., 1854, 125, for *osculata*? (*Asc.*).
australe Linst., 1905cc, 272, marine.—1905: *Leptosomatum*.
australis Cobb, 1893b, 266 (17), in grass; Australia.—1893: *Diplogaster*.
australis Cobb, 1893b, 278, on grass; Australia.—1893: *Rhabditis*.
australis Cobb, 1893b, 287(38), on roots of plants; Australia.—1893: *Prismatolaimus*.
australis Cobb, 1893a, 824(47), in soil; N. S. Wales.—1893: *Bastiana*.
australis Cobb, 1893a, 824(47), in soil; N. S. Wales.—1893: *Monhystera*.
australis Cobb, 1894c, 409; N. S. Wales.—1894: *Bathylaimus*, mt.
australis Linst., 1897c, 610, t. h. *Petrogale penicillata*; Australia.—1897: *Fil.*
australis Linst., 1898e, 161; New Zealand.—1898: *Mermis*. [Agamomermis.]
australis Linst., 1898c, 282, t. h. *Baza bismarcki*, *Ninox odiosa*; Bismarck Archipelago.—1898: *Asc.*

- australis* Linst., 1898c, 285 t. h. *Macropygia nigrirostris*; Ralum.—1898: Het. 1914: Ascaridia.
- australis* Man, 1904a, 17, on *Eurypodius latreilli*; Orange Bay, Terre de Feu.—1904: *Enoplolaimus*.
- austriaca* Micol., 1913, 121, aquatic; Untersee, Ostalpen.—1913: *Limnomermis*.
- avenæ* Bast., 1865c, 122, t. h. oats; Broadmoor. Berks.—1865: *Aphelenchus*, tsd. [*aviaria* Crep., 1853b (1854a), 62, not as specific name.—1853: *Oxyuris*.]
- avis* Luckey, 1908, 32, misprint for *ovis* (Asc.).
- avium* A., D., & E., 1901b, 26, t. h. *Cinnerys fuliginosa*, etc.; W. Africa.—1901: Fil. spiralis.
- avium* A., D., & E., 1901b, 30, t. h. *Hyphantornis aurantus*, H. sp., etc.; W. Africa.—1901: Fil. fusiformis.
- avium* Fabr., 1794, 31.—1794: *Cucullanus*.
- avium major* A., D., & E., 1901b, 31, see spiralis *avium major* (Fil.).
- azei* Cobbold, 1879b, 383, t. h. *Equus asinus*; Eng.—1879: Str. 1909: *Trichostr.*
- azei* Cobbold, 1884b, 5, t. h. *Equus cab.*; Eng.—1884: *Pelodera*.
- bacillaris* Mol., 1858c, 379 t. h. *Champsia nigra*. C. sclerops; Matogrosso, Cujaba, M. C. V.—1858: Fil.
- bacillaris* Zed., 1803a, 159, t. h. *Mergus minutus*; by Bloch.—1803: *Echinor.*
- bacillata* Eberth, 1863a, 19, free; Nice.—1863: *Phanoglene*. 1865: *Leptosomatum*.
- bacillatum* Eberth, 1863a, 48, t. h. *Mus musculus*.—1863: *Trichosoma*. 1915: Cap. (Thominx).
- bacillum* Schlotthauher, 1860a, 127, t. h. *Cuculus canorus*; by Schlotth.—1860: Asc.
- bacillus* Müell., 1773b, 40.—1773: *Vibrio*. 1815: *Enchelys*.
- baeri* Cam., 1896d, 124; *Iter Caspium*.—1896: Chord.
- bairdi* Stoss., 1899d, 133, mucronatum Baird renamed, t. h. *Phrymaturus palluma*.—1899: *Sclerost.*
- bakodyi* Cobbold, 1879b, 317, t. h. fowls and rats; by Bakody.—1879: *Trichina*.
- balænx* Gmel., 1790a, 3045, t. h. *Balæna* sp.; teste Phipps.—1790: *Echinor.*
- balanocephalus* R. Owen in Cat. RCSL, 1830, 45, t. h. *Balæna rostrata*.—1830: *Echinor.*
- balatonica* Daday, 1894, 134, aquatic; Balaton.—1894: *Chromadora*.
- balatonicus* Daday, 1894, 131, aquatic; Balaton.—1894: *Desmolaimus*.
- balatonicus* Daday, 1894, 138, in sand; Balaton.—1894: *Rhabdolaimus*.
- balænx* Blainv., 1819, 208, for *balænx* (*Echinor.*).
- balisticola* Linst., 1905bb, 185, t. h. *Balistes mitis*, B. stellatus; Ceylon.—1905: Asc.
- balistis* Linst., 1905bb, 184, t. h. *Balistes mitis*, B. stellatus; Ceylon.—1905: Asc.
- balsami* Par. & Grassi, 1877b(c), 190(1), t. h. *Felis "cattus"*; Italy.—1877: Doch. 1888: Ankylost. [1888: *Ancylost.* 1882: *Strongilo*.] 1894: Unc. 1895: Doch. tubæformis.
- balsami felis* Züern, 1882a, 262, t. h. cat.—1882: Doch.
- balsamis felis* (Züern, 1882a) Fröhner, 1915, 919, for *balsami felis* (Doch.).
- balsamoi* Cohn, 1899a, 8, misprint for *balsami*.—1899: Unc. 1900: Doch.
- baltica* Schneid., 1906c, 30, free; Gulf of Finland.—1906: *Chromadora*.
- balticus* Schneid., 1906c, 35, free; Bucht von Tvärminne.—1906: *Sphærolaimus*.
- balzani* Cam., 1896a, 9; Genova Mus., from Bolivia.—1896: Chord.
- bancrofti* Cobbold, 1877g, 70, t. h. Homo; Australia.—1877: Fil. 1907: Microfil. 1916: Mikrofil. —? —: Fil. sanguinis hominis.
- bancrofti* Johnst., 1912, 72, t. h. *Cathetus lathami*; Australia.—1912: Het.
- bancrofti* of Magal., 1887a, 129, t. h. Homo; S. America.—1887: Fil. [See *magalhæsi*.]
- bancroftii* Frayer, 1879b, 189, for *bancrofti* (Fil.).
- bankrofti* Braun, 1883a, 183, for *bancrofti* (Fil.).
- baramansis* Roemer, 1895a, 197, t. h. Mantis; Borneo.—1895: Chord.
- barbata* Carter, 1859b, 43, in clots of *Oscillatoria* in salt water drains; IIs. of Bombay.—1859: *Urolabes*. 1863: *Symplocost.* 1874: *Urolabis*.
- barbatulæ* Rud., 1819a, 59, t. h. *Cobitis barbatula*; C. E. V.—1819: Asc.
- barbi* Schrank, 1782a, 83, t. h. Barbe; by Schrank.—1782: *Echinor.*
- barbiger* Nordm., 1840a, 664, free; near Berl.—1840: *Phanoglene*.
- barbitistidis-autumnalis* Dies., 1851a, 111, t. h. *Barbitistes autumnalis*; Freiburg.—1851: *Mermis*.
- barbitistis-perforati* Dies., 1851a, 96, t. h. *Barbitistes perforatus*; M. C. V.—1851: Gord.
- barbitistis-sericeaudæ* Dies., 1851a, 96, t. h. *Barbitistes sericeauda*; by Sieb., 1843a, 83; Mus. Wien.—1851: Fil. 1851: Gord.
- barquinica* Skrz., 1917, 471, t. h. *Turdus* sp.; Siberia.—1917: *Diplotriana*.
- bastiana* Brakenhoff, 1914, 309, for *bastiani* (*Dorylaimus*).
- bastiani* Bütsch., 1873a, 22, free; F. a. M., Cuxhaven.—1873: *Dorylaimus*.
- bastiani* Man, 1876a (b), 184 (107); Leiden.—1876: *Mononchus*.
- bastiani longicaudatus* Daday, 1894, 139, free; Balaton.—1894: *Dorylaimus*.

- bathoesi* Concilium Bibliographicum card for bulhoesi (Oxyuris).
bathybia Daday, 1894, 131, aquatic; Balaton.—1894: Chromadora.
bathybia Daday, 1911, 480; [Vierwaldstædter-See].—1911: Linnomermis.
bathybius Daday, 1906, 414, free; Vierwaldstædter-See.—1906: Dorylaimus.
bathybius Micol., 1913, 546, aquatic; in Grundsclamm des Attersee; Ostalpen.—1913: Mononchus. 1916: Iotonchus. 1917: M. (I.).
bathycolia Daday, 1911, 505: Vierwaldstædter-See.—1911: Hydromermis.
bauchei Rail & Henry, 1911, 487, t. h. *Sus scrofa* dom.; Hué.—1911: Fil.
beaujeani Mathis & Léger, 1911, 412, t. h. *Athene cuculoides*; Tonkin.—1911: Microfil.
bedriagæ Cam., 1896d, 123, loc. unknown.—1896: Chord.
beklemishevi Filipjev, 1917, 24; Caspian Sea.—1917: Chromadorissa, mt.
belgiæ Man, 1904, 10, sur une algue d'eau douce; Terre de Danco, etc.—1904: Plectus (Plectoides?).
belones-vulgaris Dies., 1861a, 726, t. h. *Belone* vulg; Trieste.—1861: Agamonema. 1896: Asc.
bembidii Linst., 1902, 223, t. h. *Bembidium* sp.; Dublany.—1902: Agamonema.
beramporia Lane, 1914, 658, t. h. dom. fowl; Berampore, Bengal.—1914: Het.
bergensis Schep., 1907a, 142; Bergen.—1907: Desmoscolex.
bernardi Rail. & Henry, 1911, 487, t. h. porc annamite; Annam.—1911: Setaria.
bernensis Steiner, 1914, 425; Bern, Switz.—1914: Diplogaster.
betularius Linst., 1904o, 492; Caspian Sea.—1904: Chord.
bhamoensis Par., 1889c, 777, t. h. *Acridotheres albocinctus*; Birmania.—1889: Fil.
bialatus Mol., 1861a, 514, t. h. *Pelophylax* escul.; Padua.—1861: Str. 1917: Oswal-docruzia.
bibulbosa A., D., & E., 1901b, 35, t. h. *Cinnerys fuliginosa*; W. Africa.—1901: Fil.
bicolor Baird, 1868a, 71, t. h. *Trichechus rosmarus*; Brit. Mus.—1868: Asc.
bicolor Crep., 1825a, 4, t. h. *Salmo eperlanus*, *Perca fluvi.*; by Crep.—1825: Fil. 1838-40: Agamonema.
bicolor Linst., 1873g, 298, t. h. *Esox lucius*, *Silurus glanis*; Ing.—1873: Fil. 1899: Spiropt.
bicolor Rud., 1793a, 13, t. h. *Perca fluviatilis*; by Rud.—1793: Asc. [1809: Asc. truncatula.]
bicoronata Linst., 1901b, 411, t. h. *Adenota* sp.; Rukwa-See, Africa.—1901: Fil. 1911: Setaria.
bicoronatum Looss, 1900c, 159, t. h. *Equus* (donkey); Egypt.—1900: Cyathost. 1901: Cylichnost. 1903: Cylicost.
bicornis Zimmerman, 1898, 50, t. h. coffee roots.—1898: Rhabditis.
bicostatus Linst., 1906, 114, t. h. *Phocæna communis*; Pillau.—1906: Pseudalius.
bicuspis Craig, 1915, 503, t. h. *Felis* dom., lapsus for *tricuspis*?—1915: Ollulanus.
bicuspis Rud., 1819a, 24, t. h. *Tringa helvetica*; Mus. Wien.—1819: Spiropt. 1845: Disph. 1878: Histioc. 1916: Schistorophus.
bicuspis Wedl, 1855a, 388, t. h. *Seyllium catulus*; by Wedl.—1855: Asc. 1885: Acanthocheilus.
bidens Mol., 1861a, 493, t. h. *Nasua narica*, *Procyon cancrivorus*; Ypanema.—1861: Doch. 1899: Unc.
bidens Rud., 1819a, 24, t. h. *Merops apiaster*; Mus. Wien.—[1811: Acuaria.] 1819: Spiropt. 1845: Disph. 1846: Fil. 1866: Ancyracanthus. 1903: Ancyrocanthus. 1903: Ancyracanthus. 1916: Schistorophus.
bidentata Linst., 1880a, 46, t. h. *Rana* larva.—1880: Oxyuris.
bidentata Linst., 1899b, 7, t. h. *Acipenser ruthenus*; Budapest.—1899: Asc.
bidentata Mol., 1858c, 401, t. h. *Cervus namibi*, etc.; Brazil.—1858: Fil. 1911: Setaria.
bidentatum Sticker 1901 [nv.].—1901: Sclerost.
bidentatus Mol., 1861a, 559 (135), t. h. *Capra aries laticauda*.—1861: Str.
bierstedti Villot, 1870b, 10, free; Med.—1870: Lasiomitus.
bifasciatus Lûche, 1904f, 175, t. h. *Merluccius merluccius*; annulatus Mol., 1861, renamed.—1904: Echinor.
bifida Fabr., 1780a, 273, includes atak, t. h. *Phoca greenlandica*; Greenland.—1780: Asc. [1801: Ophiost.] 1791: Proboscidea. 1803: Ophiost. [1809: O. dispar. 1840: Fissula phocæ.]
bifida Mol., 1858c, 411, t. h. *Dactylomys amblyonix*; Ypanema, Brazil.—1858: Fil. 1861: Dicheilonema.
bifaria Baird, 1853a, 26, t. h. unknown; Corea.—1853: Asc.
biformis Cobb, 1909, 63.—1909: Tylenchus.
bifurca Mol., 1858c, 400, t. h. *Muscicapa* sp.; Brazil.—1858: Fil.
bifurcata Cobb, 1898a (b), 315 (20).—1898: Lepidonema, mt.
bifurcatus Linst., 1901b, 411, for *bifurcus*? (Str.).
bifurcatum Hall, 1916a, 141, t. h. *Citellus elegans*; Colo.—1916: Citellinema, tod.
bifurcus Crep., 1849a, 54, t. h. *Cercopithecus ruber*.—1849: Str. 1906: Oesophagost.

- bihamatus* Müell., 1897a, 7, t. h. *Sterna risoria*; Ing.—1897: *Ancyracanthus*.
bilabiata Crep., 1829b, 7, t. h. *Lanius minor*; by Schill. & Hornschuch.—1829: *Phy-salopt.* 1845: *Spiropt.*
bilabiata Dies., 1851a, 277, includes *sternæ*, t. h. *Sterna leucopareia*; M. C. V.—1851: Fil. 1861: *Dicheilonema*.
bilabiata Mol., 1860b, 928, t. h. *Mus brasiliensis*; M. C. V., Brazil.—1860: *Spiropt.*
bilabiata Mol., 1860e, 343 (15), t. h. *Eurypyga helias*; Brazil.—1860: *Ancyracanthus*. 1861: *Ancyracanthopsis*.
bilicola Schlotthauber, 1860a, 125, t. h. *Machetes pugnax*; by Schlotth.—1860: *Disph.*
biloba Linst., 1888a, 5, t. h. unknown; Straits of Magellan.—1888: *Asc.*
binansata Rail. & Henry, 1913, 97, t. h. *Dasypus villosus*; Mus. Hist. Nat.—1913: *Aspidodera*.
bioculata Schultze in Carus, 1857a, pl. 8 fig. 2.—1857: *Rhabditis*. 1865: *Chromadora*.
bioculata Man, 1877, 107; Gulf of Nap.—1877: *Spira*. 1888: *Araolaimus*, *isd.*
bioculatus Zimmerman, 1904, 11 [nv.]; Embleton, 1905, 54; on tea plants; Java, Ceylon.—1905: *Tylenchus*.
bipapillata Southern, 1914a, 29; Blacksod Bay.—1914: *Dagda*, mt.
bipapillatus Stefanski, 1915, 347; River Czarna, Pologne.—1915: *Cephalobus*.
bipapillosa Mol., 1858c, 399, t. h. *Strix suinda*; M. C. V. from Brazil.—1858: *Fil.*
bipartitus Soloviev, 1912, 87, t. h. *Corvus frugilegus*; Turkestan.—1912: *Centror.*
bipennis Kaiser, 1893b, 81, t. h. *Thymallus*; Argentina.—1893: *Echinor.*
bipinnata Linst., 1899b, 25, t. h. *Psammosaurus griseus*; N. E. Africa.—1899: *Fil.*
bipunctata Schneid., 1906c, 15, free; Gulf of Finland.—1906: *Monhystera*.
bipunctatus Müell., 1786, 52.—1786: *Vibrio*.
biramosum Cuille [nv.]; Gedelst, 1911a, 121; in cattle.—1911: *Oesophagost.*
biramosum Cuille of Marotel & Panisset 1911.—1911: *Oesophagost.*
biroi Daday, 1899, 571.—1899: *Dorylaimus*.
bisetosus Linst., 1908, 27, free; Africa.—1908: *Enoplus*.
bispinosa Dies., 1851a, 278, t. h. *Boa constrictor*, etc.; Brazil.—1851: *Fil.* 1861: *Dicheilonema*.
bispinosa Mol., 1860e, 342 (14), t. h. *Scincus officinalis*; M. C. V.—1860: *Tropidocerca*. 1914: *Tetrameres*.
bispinosus Mol., 1860e, 351 (23), t. h. *Cervus namibi*; Brazil.—1860: *Str.* 1909: *Hæmonchus*.
biuncinata Linst., 1898d, 759, t. h. *Ammocætes branchialis*; by Linst.—1898: *Oxyuris*. 1904: *Oxyurus*.
biurcinata Mol., 1858d, 148, t. h. *Zeus faber*; Padua.—1858: *Asc.* [1899: *A. fabri*. 1905: *A. adunca*.]
bivalens Sabaschnikoff, 1897a, 82.—1897: *Asc. megaloc.*
bhamensis Par., 1889c, 777, t. h. *Acridotheres albocinctus*; Birmania.—1889: *Fil.*
blainvillii Zenker, 1827a, 53, t. h. *Homo*.—1827: *Netror*, mt. 1894: *Nettor*.
blanchardi Man, 1907, 51, marine; Zealand.—1907: *Anoplost.*
blanchardi Rail. & Henry, 1912, 572, t. h. *Orang-Outan de Borneo*; Mus. Paris.—1912: *Oesophagost.*
blanchardi Villot, 1874a, 56; Ile de France, Mus. Paris.—1874: *Gord.*
blanci Hofman. in Hofman. & Menz., 1914, 82; Lac de Joux.—1914: *Plectus*.
blaps-mortisagæ Dies., 1851a, 93, t. h. *Blaps mortisaga*; Europe.—1851: *Fil.* 1851: *Gord.*
blaps-mortisagæ Dies., 1853a, 35, t. h. *Blaps mortisaga*; Stein, 1852, 204.—1853: *Nematoideum*. 1853: *Agamonematoideum*. 1861: *Agamonematodum*.
blaps-productæ Dies., 1851a, 93, t. h. *Blaps producta*.—1851: *Gord.*
blaussii Linst., 1887d, 110, t. h. *Lepus cuniculus ferax*; by Blasius.—1887: *Str.* [1888: *Str. strigosum*. 1909: *Graphidium strigosum*.]
blattæ Galeb, 1878b, 288, for *blattæ-orientalis*, t. h. *Periplaneta orientalis*. 1878: *Oxyuris*.
blattæ Græffe, 1860a, 51, t. h. *Blatta ægyptiaca*; Nizza.—1860: *Oxyuris*.
blattæ-orientalis Dies., 1851a, 94, t. h. *Blatta orientalis*; Königsb.—1851: *Fil.* 1851: *Gord.*
blattæ-orientalis Dies., 1851a, 110, t. h. *Blatta orientalis*; by Desknigs.—1851: *Mernis*.
blattæ-orientalis Hamm., 1847b, 284, t. h. *Blatta orientalis*; by Hamm.—1847: *Oxyuris*.
blatticola Galeb, 1878b, 293, t. h. *Blatta germanica*, etc.—1878: *Oxyuris*.
blennii Gmel., 1790a, 3066, t. h. *Blennius viviparus*; Müell.—1790: *Asc.*
blennii Rud., 1810a, 351, t. h. *Blennius viviparus*.—1810: *Echinor.*
blini Carougeau & Marotel, 1903, 447, t. h. *Bufelus indicus*; Indo-China.—1903: *Fil.*
blomei Trav., 1914, 429; 1915, 156, papillosum *Blome* renamed, t. h. *Tetrao urogallus*.—1915: *Cap.* (Thominx).
boa Schrank, 1790a, 120, t. h. *Lucius*; by Schrank.—1790: *Asc.* [1809: *Asc. acus*.]

- boæ* M. C. V. in Mol., 1858c, 430, t. h. *Eunectes scytale*; Caiçara.—1858: Fil.
boæ R. Bl., 1886i, 295, t. h. *Boa constrictor*; Paris.—1886: *Ankylostoma*. [1886: *Ancylostoma*.] 1889: *Ankylostomum*. 1899: *Unc.* 1909: *Diaphanoc.*
boæ-caninæ Rud., 1819a, 712, 799, t. h. *Boa canina*.—1819: *Dubium*. 1851: *Nematoideum*.
boæ-constrictoris Leidy, 1850f, 118, t. h. *Boa constrictor*; by Leidy.—1850: Fil.
boæ-giboia M. C. V. in Mol., 1861a, 543.—1861: Str. [1861: *Kalic. subulatus*.]
boddaërtii Baird, 1861a, 228, t. h. *Herpetodryas boddaërtii*; W. Indies.—1861: *Asc.* 1916: *Polydelphis*.
[*boeticum* Ramb.—De Seabra, 1909, 155 (Insect).—1909: *Trichosoma*.]
bogdanowi Zograf, 1913, 162, auf Heckenschwämmen; near Rusa.—1913: *Bogdanowia*, tod. 1913: *Bunonema*.
bogdanowia Zograf, 1913, 164, for *bogdanowi* (*Bunonema*).
bombi Dies., 1851a, 99, t. h. *Bombus* sp. inc.; by Owen.—1851: *Gord.*
bombi Duf. [1836a, 20;] 1837a, 9, t. h. *Bombus terrestris*, *B. hortorum*; by Duf.—1837: *Sphærolaria*, mt.
bombi-terrestris Dies., 1851a, 99, t. h. *Bombus terrestris*; Hope; Prussia.—1851: Fil. 1851: *Gord.*
bombinator Linst., 1885b, 245, t. h. *Bombinator igneus*; by Linst.—1885: *Agamone-matodum*. 1909: *Agamonema*.
bombinatoris Linst., 1892a, 327, t. h. *Bombinator igneus*; Linst.—1892: *Trichosoma*. 1915: *Cap.*
bonasia Gescheidt, 1833a, [423,] 445, t. h. *Tetrao bonasia*; by Nordm.—1833: Fil.
boopis Rud., 1819a, 58, t. h. *Sparus boops*; Rimini.—1819: *Asc.*
borborophilus Man, 1876a(b), 102; Leiden.—1876: *Dorylaimus*.
bordigalensis Villot, 1874a, 58.—1874: Fil.
borealis Gmel., 1790a, 3045, lendix renamed, t. h. *Anas molissima*; Phipps.—1790: *Echinor*.
borealis Linst., 1884a, 131, t. h. *Lagopus mutus*.—1884: *Het.* 1914: *Ascaridia*.
borealis Linst., 1901e, 279, t. h. *Lota lota*; N. Dwina.—1901: *Echinor*.
boschadis Bosc, 1802a, 6, for *boschadis* Gmel. (*Echinor*).
boschadis Gmel., 1790a, 3045, t. h. *Anas dom.*; by Gœze.—1790: *Echinor*.
boschadis Schrank, 1788a, 27, t. h. *Wildente*; by Gœze, 1782a, 164.—1788: *Echinor*.
boschadis Schrank, 1803b, 200, t. h. *Anas boschas*; Ing.—1803: *Asc.*
boschatis Frœl., 1802a, 43, t. h. *Wildente*; by Frœl.—1802: *Asc.*
boschatis Frœl., 1802a, 66, for *boschadis* Schrank, 1782, t. h. *Wildente*; Gœze, 1782a, 164.—1802: *Echinor*.
bosia Lane, 1914, 656, t. h. *Cerionis satyra*; Calcutta Zoo.—1914: *Het.*
bostrichi-typographi Dies., 1851a, 135, t. h. *Bostrichus typographus*; Ing.—1851: *Anguillula*.
bothrops Mol., 1861a(b), 549(125), t. h. *Bothrops jararaca*; Ypanema.—1861: *Kalic.* 1909: *Diaphanoc.*
bothryophorus Schuberg & Schröder in Schuberg, 1904a, 629, t. h. *Nephelis vulg.*; Heidelberg a. d. Neckar.—1904: *Myenchus*, mt.
botulus Van Cleave, 1916, 131, t. h. *Somateria mollissima*; Maine.—1916: *Filicollis*.
boueti Gendre, 1911, 74, t. h. *Xerus erythropus*; Agouagon.—1911: *Het.* 1913: *Subulura*. 1914: *Subulura* (*Oxynema*). 1916: *Subulura*.
bouffardi Mathis & Léger, 1911, 414, t. h. *Pica caudata*; Tonkin.—1911: *Microfil.*
boularti Mégn., 1884k, 455, t. h. *Casuaris galeatus*; Mus. Paris.—1884: *Sclerost.* 1898: *Syngamus*.
boulengerii Cam., 1912, 1; Bitye, Daja River, Congo.—1912: *Chord.*
bourgi Brumpt, 1903, 379, t. h. *Homo*; Africa.—1903: *Fil.*
bourgii Looss, 1905c, 178; for *bourgi* (Fil.).
bouretii Mathis & Leger, 1911, 413, t. h. *Copsychus saularis*; Tonkin.—1911: *Microfil.*
bouvieri Villot, 1885, 47 [nv.].—1885: *Gord.* 1897: *Chord.*
bouvieri Villot, 1885 of Röemer, 1895b, 797; Mus. Hamburg.—[1885: *Gord.*] 1895: *Chord.*
borieri R. Bl., 1886i, 297, t. h. *Vespertilio murinus*; Sarrenguemines.—1886: *Rictularia*. 1889: *Ophiost.* (*Rict.*).
bovis Bail., 1858e, 704, t. h. *Bos taurus*.—1858: Fil. [1858: *F. palpebrarum*.]
bovis Bail., 1866b, 34, t. h. *Bos taurus*; by Bail.—1866: *Asc.*
bovis Carita, 1887a, 139 [nv.]; Rail., 1888k, 218 (3); t. h. *Bos taurus*.—1887 or 1888: *Oesophagost. inflatum*.
bovis Daniels, 1908, 16, t. h. *Indian Buffalo*; Malaya.—1908: *Anguillula*.
bovis Fiebiger, 1912, 239, see *scutata* *oesophagea bovis* (*Spiropt.*).
bovis Gasperi, 1912, 248, t. h. *Bos taurus*; Torino.—1912: *Anguillula intestinalis*.
bovis Gasperi, 1912, 250, t. h. *Bos taurus*; Torino.—1912: *Strongyloides longus*.

- bovis* Müell., 1869a, 127, for s. o. b.-tauri.—1869: Spiropt. scutata œsophagea. 1869: S. s. œsophagea. 1894: Fil. scutata œsophagea.
- bovis* Müell., 1869b, 303, t. h. *Bos taurus*; Wien.—1869: Spiropt. scutata œsophagea.
- bovis* Perronc., 1882a, 331, see scutata œsophagea bovis (Fil.).
- bovis* Piettre, 1912, 620, t. h. *Bos taurus*; Europe.—1912: Onchocerca.
- bovis* Schneidem., 1896a, 308.—1896: Fil. scutata œsophagea.
- bovis* Schnyder, 1906a, 27, t. h. *Bos taurus*; Zurich.—1906: Oesophagost.
- bovis* Schnyder, 1906a, 28, t. h. *Bos taurus*; Zurich.—1906: Trichosoma. 1911: Cap.
- bovis* Ströse, 1894a, 110, t. h. *Bos taurus*; by Ströse.—1894: Ankylostomum. [1894: Ancylostoma.] 1894: Doch. 1906: Anchylostomum.
- bovis* Willach, 1896e, 192, t. h. *Bos taurus*; Germany. 1896: Syngamus.
- bovis* Vryburg, 1907k, 321, t. h. Rinder (Bos); Delhi, Sumatra.—1907: Strongyloides.
- bovis* Züern, 1882, 249.—1882: Spiropt. scutata.
- bovis-tauri* Dies., 1861a, 724, t. h. *Bos taurus*; teste Gohier.—1861: Nematodum. 1894: Nematodeum.
- bovis-tauri* Müell., 1869a, 129 [see scutata].—1869: Spiropt. scutata œsophagea. 1869: S. s. œsophagea.
- brachycercus* Man, 1889b, 5.—1889: Oncholaimus.
- brachyceri-undati* Dies., 1851a, 93, t. h. *Brachycercus undatus*; by Heeger. 1851: Fil. 1851: Gord.
- brachycheilus* Linst., 1906, 165, t. h. *Tropidonotus asperimus*; Colombo, Spain.—1906: Asc.
- brachylaimus* Cobb, 1917n, 438, in sandy soil; Arlington Farms, Va.—1917: Mononchus (*Iotonchus*).
- brachylaimus* Linst., 1901b, 410, t. h. *Heterohyrax mossambica*; Ruckwa-See, Africa.—1901: Str. (Deletroc.). 1916: Kiluluma.
- brachylaimus* Linst., 1903k, 117, t. h. *Bufo melanostictus*; Siam.—1903: Angoist.
- brachyoptera* Rud., 1819a, 41, t. h. *Viverra genetta*; Mus. Wien, Algerias.—1819: Asc.
- brachystoma* Hofmæn. in Hofmæn. & Menz., 1914, 85, aquatic; Switz.—1914: Cylindrolaimus.
- brachystoma* Mol., 1860b, 955, t. h. *Bradypus tridactylus*, *B. didactylus*; Brazil.—1860: Spiropt.
- brachyura* Hamm., 1847b, 283, t. h. *Melolontha* (*Rhizotrogus aprilianus* or *solicititalis*); by Hamm.—1847: Oxyuris. 1851: Anguillula.
- brachyura* Linst., 1904f, 3, t. h. *Calotes versicolor*; Colombo.—1904: Asc.
- brachyura* Schlotthauber, 1860a, 127, *brevicaudata* 1845 renamed.—1860: Oxyuris.
- brachyuris* Büetsch., 1873a, 77, on roots of moss, etc.; Germany.—1873: Mononchus. 1916: Mononchus (*Mononchus*).
- brachyuris* Daday, 1908, 16.—1908: Cephalobus.
- brachyuris* Man, 1880a, 83, in sand; Holland.—1880: Dorylaimus.
- brachyurum* Ward & Magath, 1917, 63, t. h. black bass; Lake St. Clair, Mich.—1917: Hysterothylacium, mt.
- brachyurus* Cobb, 1893b, 256 (7), for *brachyuris* (*Mononchus*).
- brachyurus* Daday, 1899, 559.—1899: Aphanolaimus.
- bradypi-didactyli* M. C. V. in Mol., 1860b, 956, t. h. *Bradypus didactylus*; Brazil.—1860: Spiropt. [1860: Spiropt. brachyst.]
- bradypi-tridactyli* M. C. V. in Mol., 1858c, 389, t. h. *Bradypus tridactylus*; Brazil.—1858: Fil. [1858: F. incrassata.]
- bradypi-tridactyli* M. C. V. in Mol., 1860b, 956, t. h. *Bradypus tridactylus*; Borda, Para.—1860: Spiropt. [1860: Spiropt. brachyst.]
- bradypodis-tridactyli* Crep., 1844a, 115, t. h. *Bradypus tridactylus*; by Otto.—1844: Nematodeum.
- bradypodis-tridactyli* (*aliud*) Crep., 1844a, 115, t. h. *Bradypus tridactylus*; by Otto.—1844: Nematodeum.
- bradypori-laxmanni* Dies., 1851a, 95, t. h. *Bradiporus laxmannus*; by Pall.—1851: Fil. 1851: Gord.
- bramæ* Ben., 1871a, 44, t. h. *Brama raii*; Belgium.—1871: Asc.
- bramæ* Gmel., 1790a, 3035, t. h. *Abramis brama*; Gœze, 1782a, 163.—1790: Echinor.
- brasiliæna* Linst., 1899b, 11, t. h. *Perdix* sp.; Brazil.—1899: Het. 1913: Ascaridia.
- brasiliæna* Stoss., 1897b, 43, *insignis* 1866, renamed, t. h. *Picus* sp.; Brazil.—1897: Fil.
- brasiliæna* Trav., 1914, 326 (34), t. h. *Mus decumanus*; Rio de Janeiro.—1914: Heligmosomum.
- brasiliensis* Janda, 1893a, 608; from Brazil, Mus. Prag.—1893: Chord.
- brasiliensis* Linst., 1898e, 159, larva in Aranea; S. Brazil.—1898: Mermis.
- brasiliensis* Magal., 1892g, 219, t. h. *Gallus dom.*; Rio de Janeiro.—1892: Het. 1912: Ascaridia.
- brasiliensis* Trav., 1914, 3, t. h. *Bos taurus*; Brazil.—1914: Cooperia.

- brasilensium* M. C. V. in Mol., 1858c, 401, t. h. Cervus; Brazil.—1858: Fil. cervorum.
brassicæ Grube, 1849a, 365, t. h. in faulem Kohl; Berl.—1849: Anguillula.
brassicæ Southern, 1909, 91, t. h. turnip; Westmeath, Ireland.—1909: Rhabditis.
brauni Linst., 1897c, 611, t. h. Viverra zibetha; Zool. Gard. Koenigsb.—1897: Str.
brauni Linst., 1897i, 30, t. h. Mus rattus; Madagascar.—1897: Spiropt.
braziliense de Faria Gomez, 1910, 286, t. h. Felis dom., Canis fam.; Rio de Janeiro.—
 1910: Ancylostomum. 1911: Ankylostoma. 1911: Unc. 1914: Agchylostoma.
 1915: Ancylostoma.
breve Linst., 1877b, 178, t. h. Totanus fuscus; Ratzeburg.—1877: Trichosoma. 1915:
 Cap.
brevicapitata Lint., 1901b, 410, t. h. Galeocerdo tigrinus; Woods Hole.—1901: Asc.
brevicauda Blgr., 1916, 430, t. h. Equus cab.; Eng.—1916: Triodontophorus.
brevicauda Leiper, 1911, 551, t. h. Zebra; Brit. E. Africa.—1911: Cylindropharynx, tod.
brevicauda Linst., 1906, 166, t. h. Francolinus adpersus; S. W. Africa.—1906: Physa-
 lopt.
brevicauda Linst., 1909a, 49, t. h. Triton tæniatus; Ing.—1909: Asc.
brevicauda Ratz, 1897c, 450, t. h. Lucioperca sandra; Balaton.—1897: Het. [1913:
 Ascaridia.] 1914: Ascaridia.
brevicaudata Duj., 1845a, 144, t. h. Platydictylus fascicularis; Toulon.—1845: Oxyuris.
brevicaudata Müell., 1894a, 116, t. h. Agama colonum; W. Coast of Africa.—1894:
 Strongyluris, mt. 1914: Het. (Strongyluris).
brevicaudata Rud., [?see Zed., 1800] of Schlotthauber, 1860a, 127.—1860: Oxyuris.
brevicaudata Trav., 1913, 290, for *brevicauda* Ratz, 1897, in *Lucioperca sandra*.—1913:
 Ascaridia.
brevicaudata Zed., 1800a, 23, t. h. Rana bufo.—1800: Fus. 1802: Asc. 1803: Fus.
 1809: Asc. 1845: Het. [1851: Asc. acuminata.] 1916: Aplecta. 1916: Oxyso-
 matium, tod.
brevicaudata Zed., 1800 of Mayer, 1841a, 16, see Rail. & Henry, 1916, 249.—1916:
 Oxyuris.
brevicaudatum Leidy, 1851b, 208, t. h. larvæ of Scarabæus relictus; near Phila., Pa.—
 1851: Thelastoma. 1853: Thelastomum.
brevicaudatum Mar., 1870a, 24: Joliette.—1870: Enoplost. 1875: Enoplus.
brevicaudatum Zed. of Schneid., 1866a, 114, in *Rana temp.*—1866: Oxsoma (probably
 type). [1916: Oxsomatium, type].
brevicaudatus Brakenhoff, 1914, 282, for *ignavus* of Man.—1914: Ironus ignavus.
brevicaudatus Cobb, 1898a (b), 440 (48).—1898: Zoniolaimus.
brevicaudatus Cobb, 1917n, 438, about roots in cranberry bog; New Jersey.—1917:
 Mononchus (Myelonchulus).
brevicaudatus Duj., 1845, 80, t. h. Ardea stellaris; M. V.—1845: Disph. 1851: His-
 tioc. 1912: Acuaria (Synhimantus).
brevicaudatus Zimmerman, 1898, 46: on coffee roots.—1898: Cephalobus.
brevicole Kowal., 1901a (b), 274 (7), for *brevicollis* (Trichosoma).
brevicollis Rud., 1819a, 13, capillaris renamed, t. h. Anser, Anas querquedula; Europe.—
 1819: Trichosoma, type.
brevicollis Cobb, 1898a (b), 311 (16); Ing.—1898: Rhigonema, mt.
brevicollis Malm, 1867, 95 [nv.], t. h. Balanoptera sibbaldii; Sweden.—1867: Echinor.
 [1906: Bolbor.] 1908: Bolbor. 1908: Bolbosoma.
 [*brevicollis* Rud., 1809a, 269, t. h. Perca cernua; by Müell.—1809: Echinor. (appar-
 ently not as specific name).]
brevicollis Savelev, 1912, 119, in Ebbeschlamm; Catharinahafen, Mogilnojensee.—1912:
 Sphærolaimus.
brevicollis Schneid., 1866a, 120, t. h. Testudo græca.—1866: Atractis.
brevipennis Mol., 1861a (b), 548, t. h. Dryophis fulgidus, etc.; Brazil.—1861: Kalic.
 1899: Sclerost. 1909: Diaphanoc.
brevipennis Mol., 1860b, 921, t. h. Dicholophus margravi; Cuyaga.—1860: Spiropt.
 1897: Oxyspirura.
brevipes Rans., 1911, t. h. Ovis aries; U. S. A.—1911: Cap.
brevirostris Southern, 1914a, 63; Clew Bay.—1914: Desmoscolex.
brevis Bast., 1865, 150, tide-pools; Falmouth.—1865: Enoplus.
brevis Hagmeier, 1912, 544, in soil; Pforzheimer Fundplatz, Heidelberg.—1912:
 Mermis.
brevis Van Cleave, 1916, 169, t. h. Botaurus lentiginosus; Baltimore, Md.—1916:
 Arhythmor.
brevisetosa Southern, 1914a, 37; Clew Bay.—1914: Fiacra.
brevispiculum Gendre, 1911, 72, t. h. Gallus gallinaceus, etc.; Abomey, Zagnando.—
 1911: Het.
brevispiculum Linst., 1873g, 293, t. h. Blicca bjærkna; by Linst.—1873: Trichosoma.
 1915: Cap. (Cap.).

- brevispiculum* Linst., 1906, 166, t. h. *Felis rubiginosa*; Kandy, Ceylon.—1906: Physalopt.
- brevispiculum* Seur., 1914, 521 (5), *Dipodilla campestris*; Bou-Saâda.—1914: Gongy-lonema.
- brevispinosus* Dies., 1861a, 728, t. h. *Passalurus cornutus*; Leidy, 1852.—1861: *Ura-canthus*, mt.
- brevispinus* Claus, 1862b, 354, free in humus; by Claus.—1862: *Anguillula*. 1873: 1873: *Rhabditis*.
- brevissubulata* Linst., 1878a, 105, misprint for *brevisubulata* (Spirot.)
- brevisubulata* Mol., 1860b, 959, t. h. *Strix atricapilla*; Brazil.—1860: Spiropt. 1897; *Oxyspirura*.
- brevivaginata* Seur., 1917, 211, t. h. *Vespertilio kuehli*; Bou-Saâda.—1917: Physalopt.
- brevivaginus* Rail. & Henry, 1907a, 752, t. h. *Sus scrofa* dom.; Ing.—1907: Metastr.
- brigantiaca* R. Bl. in Rail. & Henry, 1909a, 87, t. h. *Rupicapra rupicapra*; France.—1909: Ostertagia.
- briggamensis* Man, 1876a (b), 112 (35); Leiden.—1876: *Dorylaimus*.
- brimonti* Mathis & Léger, 1910, 32, t. h. *Ixus hainanus*; Tonkin.—1910: Microfil.
- britannica* Skrj., 1916, 80, t. h. *Agama* sp.; Brit. E. Africa.—1916: Physalopt.
- britannicus* Man, 1889b, 4, free; Penzance.—1889: *Thalassironus*, mt.
- bronchialis* Gmel., 1790a, 3031, t. h. Martes; teste Werner.—1790: Asc. 1803: Fus. 1845: Gord. [1852: *Filaroides*, type.] [1858: *Fil. mustelarum* (*pulmonalis*).]
- bronchialis* Mûeh., 1884a, 265, t. h. Japanese goose; Leipzig.—1884: *Syngamus*.
- bronchialis* Osler, 1877a, 387, t. h. *Canis* fam.; Montreal.—1877: *Str. canis*.
- bronchialis* Rud., 1819a, 7. See *hominis bronchialis* (Fil.).
- bronchialis* Rud., 1819a, 7; 215, for *Hamularia lymphatica*, t. h. *Homo*.—1819: *Fil. hominis*. 1819: *Fil.* 1864: *Str.* 1879: *Str.* (Fil.) 1895: *Eustr.*
- bronchialis* in *Boa constrictor* see Crep., 1846b, 176 (in *Boa* or *Python*; Hodgkin, 1836a).—1846: *Fil.*
- bronchialis* in *Bos taurus* Vet., 1857, 565.—1857: *Fil.*
- bronchialis* in *Ovis aries* Ranke, 1857a, 708, s. *Str. filaria*.—1857: *Fil.*
- bronchialis canis* Rail., 1889g, 131, for *canis bronchialis* (Str.).
- bronchialis hominis* Gerv. & Ben., 1859b, 145, *Hamularia lymphatica* renamed., t. h. *Homo*.—1859: *Fil.*
- bronchialis* Cast. & Chalm., 1910a, 1186, for h. *bronchialis*.—1910: *Fil. hominis*.
- bronchiorum suis* Modeer, 1791a, 75 [nv.]; Rud., 1809a, 246; t. h. *Sus scrofa* dom.—1791: Asc. 1809: Asc.
- bronquialis hominis* Bonis, 1882a, 115, for *bronchialis hominis* (Fil.).
- brumpti* Blanc & Cauchemez, 1911, 120, t. h. *Erinaceus europæus*; by Brumpt.—1911: *Echinor*.
- brumpti* Rail. & Henry, 1905i, 643, t. h. *Homo*; Africa.—1905: Oesophagost. 1916: Oesophagost.
- bryophilus* Man, 1880a, 85, in sand; Holland.—1880: *Dorylaimus*.
- bryophilus* Steiner, 1914, 271, Moorsasen; Switz.—1914: *Tylenchus*.
- bubali* Rud., 1819a, 8, t. h. *Bos bubalus*; C. E. V.—1819: *Fil.*
- bubali (abdominalis)* Mol., 1858c, 421, t. h. *Bos bubalus*; M. C. V.—1858: *Fil.*
- bubonis* Frœl., 1802a, 39, t. h. *Strix bubo*; teste Frœl.—1802: Asc.
- bucconis-calcarati* M. C. V. in Mol., 1858c, 415, t. h. *Monasa tranquilla*; Brazil.—1858: *Fil.* [1858: *Fil. fusiformis*.]
- bûtschlii* Fuchs. 1915. ZJ, 146, t. h. *Ips typographus*.—1915: *Diplogaster*.
- bûtschlii* Man, 1876a (b), 154 (77), free; Leiden.—1876: *Rhabditis*.
- bûtschlii* Man, 1884a, 92.—1884: *Cephalobus*.
- bûtschlii* Oerley, 1885, 59, misprint for *bûtschlii* (*Rhabditis*).
- bûtschlii* Southern, 1914a, 50; Clew Bay.—1914: *Enoplus*.
- bufonis* Gmel., 1790a, 3035, t. h. *Rana bufo*; by Gœze.—1790: Asc. [See *tenuissima*, ani, filif., acuminata, auricularis, brevicaudata.] [1800: *Str. auricularis*.]
- bufonis* Leiper, 1908, 191, t. h. *Bufo regularis*; Nasser.—1908: *Fil.* 1910: Microfil.
- bufonis* M. C. V. in Mol., 1858c, 431, t. h. *Eupemphix marmoratus*; Caiçara.—1858: *Fil.* [1858: *F. eupemphigis-marmorati*.]
- bufonis* Schrank, 1788a, 11, t. h. *Wasserkroeten*; teste Gœze.—1788: Asc. [1790: Asc. *pulmonalis*. 1809: Asc. *nigrovenosa*.] 1905: *Rhabdias*, tod.
- bufonis* Shipley, 1903l, 150, t. h. *Bufo melanostictus*; Patani.—1903: *Echinor*.
- bufonis* Stoss., 1900a, 5, t. h. *Bufo vulg.*; Catania.—1900: Spiropt.
- bufonum* Dies., 1851a, 187. See *filiformis bufonum* (Asc.).
- bufonum* Rud., 1809a, 147, so. *nigrovenosa*, see Gœze, 1782a, 98, pl. 2 fig. 8.—1809: Asc. *subulata*.
- bufonum* Rud., 1809a, 147, t. h. *Rana bufo*; Gœze, 1782a, 95.—1809: Asc.
- bulbifera* Man, 1880a, 10, in sand; Holland.—1880: *Monhystera*.

- bulbiferus* Cobb, 1906, 164, about roots of diseased cane; Maui, T. H.—1906: *Dorylaimus*.
- bulbosa* Cobb, 1888a, 17, t. h. *Phoca barbata*; N. Eismeer.—1888: Asc.
- bulbosa* Daday, 1894, 133, aquatic; Balaton.—1894: *Chromadora*.
- bulbosa* Lane, 1916, 95, t. h. *Caranx melampygus*; Ceylon.—1916: *Bulbodacnitis*, tod.
- bulbosa* Linst., 1899b, 22, t. h. *Scincus ocellatus*; Egypt.—1899: *Oxyuris*.
- bulbosa* Linst., 1906, 250, t. h. *Pavo spicifer*; Kœnigsb.—1906: *Physalopt*.
- bulbosa* Linst., 1907, 267, t. h. *Cinuyris*; Africa.—1907: Fil.
- bulbosus* Daday, 1896, 413.—1896: *Prismatolaimus dolichurus*.
- bulbosus* Micol., 1915, 271; Hallstättersee.—1915: *Tylenchus*.
- bulhœsi* Magal., 1900a, 50, t. h. *Periplaneta americana*; Brazil.—1900: *Oxyuris*.
- bullosa* Mol., 1860b, 937, t. h. *Tinamus noctivagus*, etc., Brazil.—1860: *Spiropt*.
- bullosa* Rans. & Hall, 1912, 175, t. h. *Ovis aries*; Colorado, Montana.—1912: *Ostertagia*.
- bullosus* Linst., 1892, t. h. *Cystophora proboscidea*; Süd-Georgien.—1892: *Echinor*.
- 1907: *Corynosoma*.
- buprestis* Rud., 1809a, 77, t. h. *Buprestis* sp.; by Boucher d'Abbeville.—1809: Fil.
- [1851: *Gord. buprestidis*.]
- buprestidis* Dies., 1851a, 92, for *buprestis* Rud., 1809 (*Gord.*).
- bursifer* Man, 1876a, 142; Leiden.—1876: *Cephalobus*.
- buteonis* Gmel., 1790a, 3033, t. h. *Falco buteo*; by Gœze.—1790: Asc.
- buteonis* Gmel., 1790a, 3051, t. h. *Falco buteo*; Gœze, 1782.—1790: *Cucullanus*.
- buteonis* Packard, 1873c, 735, t. h. *Buteo swainsoni*; Snake River, Wyoming.—1873: Eustr.
- buteonis* Schrank, 1788a, 23, t. h. *Buteo*; Gœze, 1782a, 154.—1788: *Echinor*. 1908: *Chentrosoma*. 1914: *Centror*.
- buteonis-rufi* Dies., 1851a, 320, t. h. *Falco rufus*; Ireland.—1851: Str.
- bycanisti* Ringenbach, 1914, 298, t. h. *Bycanistes albotibialis*; Congo.—1914: *Microfil*.
- cæca* Bast., 1865c, 169, marine surface mud; Falmouth.—1865: *Chromadora*. ? 1906: *Spiliphora*.
- cæcus* Bast., 1865c, 163, marine, surface mud; Falmouth.—1865: *Cyatholaimus*. ? 1906: *Spiliphora*.
- cælum* Linst., 1904n, 299, t. h. *Cephalobus sylvaticolor*; Kamerun.—1904: Fil. 1911: *Setaria*.
- cæruleus* Eberth, 1863a, 39, marine; Nizza.—1863: *Enoplus*.
- cæsia* Borini, 1916, 273, t. h. *Sitta cæsia*; Turin.—1916: Fil.
- cahirensis* Jægers., 1904, 660, t. h. cat; Cairo.—1904: *Rictularia*.
- calabarensis* A., D., & E., 1901b, 40, t. h. birds; W. Africa.—1901: Fil. [a *Microfil*.]
- calamiformis* Schneid., 1866a, 90, t. h. *Psittacus æstivus*; Brazil.—1866: Fil. 1916: *Pelecitus*.
- calathi-cisteloidis* Dies., 1851a, 89, t. h. *Calathus cisteloides*; by Schlotth.—1851: Fil. 1851: *Gord*.
- calathi-stephensi* Dies., 1851a, 89, t. h. *Calathus stephensi*; Gr. Brit., teste Hope.—1851: Fil. 1851: *Gord*.
- calcarata* Gendre, 1909, lxxv(5), t. h. *Numida meleagris*; Labé.—1909: Het. 1914: *Ascaridia*.
- calcarata* Mol., 1858c, 378, t. h. *Bothrops jararacca*; Brazil.—1858: Fil.
- calcaratus* Mol., 1860c, 496, t. h. *Ibis guarauna*; Brazil.—1860: *Disph*. 1912: *Acuaria* (*Hamannia*).
- calcaratus* Rans., 1911, 365, t. h. *Lepus sylvaticus*; Bowie, Md.—1911: *Trichostr*.
- caledoniensis* Villot, 1874a, 62, t. h. Mantis; New Caledonia; Mus. Paris.—1874: *Gord*. (*Chord.*). 1897: *Chord*.
- calicathum* Nev.-Lem., 1912, 1208, for *calicatum* (*Cylicost.*).
- calicatum* Looss, 1900c, 185, t. h. *Equus* cab.; Egypt.—1900: *Cyathost*. 1901: *Cylichost*. 1911: *Cylicost*.
- callariæ* Brug., 1791a, t. h. *Gadus callarias*.—1791: *Echinor*.
- callichroi* Stewart, 1914, 173, t. h. *Callichrous macrophth.*; Lucknow.—1914: *Dacnitis*.
- callicroi* Lane, 1916, 94, for *callichroi* (*Dacnitis*).
- callipæda* Rail. & Henry, 1910, 785[2], t. h. *Canis* fam.; N. Punjab.—1910: *Thelazia*.
- calliptami-italici* Dies., 1851a, 97, t. h. *Calliptamus italicus*; M. C. V.—1851: *Gord*.
- callis* Trav., 1914, 325(4), t. h. *Didelphys aurita*; Rio de Janeiro.—1914: *Trichostr*.
- calmani* Zelinka in Southern, 1914a, 69; Clew Bay.—1914: *Pycnophyes*.
- calopteri-italici* Dies., 1851a, 97, t. h. *Calopterus italicus*; Mus. Wien, Sieb., 1843a, 83.—1851: Fil.
- calosomitis* Cobb in Burgess, 1911, 71, t. h. *Carabus monilis*.—1911: *Rhabdites*. [*Rhabdites*.]
- calosomatis* Dies., 1851a, 135, t. h. *Calosoma sericeum*; by Schicædte.—1851: *Anguil-lula*.

- calvadosicus* Man, 1890b, 190, marine: côtes du Calvados et de la Manche.—1890: Oncholaimellus, mt.
- calveti* Rouville, 1905a, 788, free; Cette.—1905: Anticoma.
- camelensis* Mason, 1911 [nv.].—1911: Microfil.
- cameli* Pricolo, 1913, 199, t. h. chameau: Tripoli.—1913: Fil. hæmatica.
- cameli* Romanovitch, 1916, 745, t. h. *Camelus bactrianus*: Kirghiz Steppes.—1916: Deraiphoronema, mt.
- cameli* Rud., 1819a, 18, t. h. *Camelus bactrianus*, *C. dromedarius*: C. E. V.—1819: Trichoc. 1911: Trichuris.
- cameli* Rud., 1819a, 36, t. h. *Camelus dromedarius*, *C. bactrianus*: C. E. V.—1819: Str.
- camerononis* Montg., 1900, 95: W. coast Mazatlan or Panama.—1900: Chord.
- campanula* Linst., 1899b, 10, t. h. *Lacerta campestris*: Ypanema, Brazil.—1899: Het.
- campanula* Linst., 1889c, 239, t. h. *Felis catus* dom.: Brazil.—1889: Trichoc. 1911: Trichuris.
- campanula felis* (Dies., 1851) Heine, 1900a, 781.—1900: Trichoc.
- campanulata* Mol., 1858c, 392, t. h. *Falco magnirostris*: Ypanema, Brazil.—1858: Fil. 1910: Thelazia.
- campanulatus* Dies., 1851a, 21, s. *pardalis*, t. h. *Felis pardalis*, etc.: Brazil.—1851: Echinor.
- campbelli* Chatin, 1885a, 37, t. h. *Nolotænia filholi*: Campbell Isl.—1885: Spiropt.
- campbelli* Chatin, 1885a, 41, t. h. poissons: Campbell Isl.—1885: Agamonema.
- campbelli* Leiper & Atkinson, 1914, 223, t. h. *Trematomus bernacchii*.—1914: Echinor.
- campula* Rail. & Henry, 1914, 676, misprint for *campanula* (Het.).
- campylurns* Marval, 1905a, 205, for *campylurus* (Echinor.).
- campylurus* Nitzsch in Gieb., 1857a, 268, t. h. *Lestris catarrhacta*: Germany.—1857: Echinor.
- canadensis* Cobb, 1914, 80(46), fresh water pond: Cape Breton, Canada.—1914: Spilophora.
- candens* Jablonowski, 1899, 6, 157 [nv.].—1899: Tylenchus. [Cf. scandens?]
- candzei* Fraip., 1882a, 104, t. h. *Uromastix acanthinurus*: Algeria.—1882: Fil.
- candzei* Seur., 1916, 345, for *candzei* (Fil.).
- candidi* Steller, 1751 [nv.]; Dies., 1851a, 190.—1851: Lumbrici.
- candidus* Zæga in Muell., 1776a, 214, t. h. apparently *Perca cernua*.—1776: Echinor.
- caniculæ* Schrank, 1788a, 10, t. h. *Canis* fam.; teste Hermann.—1788: Asc. [See *canis*, *marginata*, *mystax*, *caniculi*.]
- caniculi* Braun, 1903a, 354, for *caniculæ* (Asc.). [1903: Asc. *canis*.]
- canikuli* Schneidem., 1896a, 322, for *caniculæ* Schrank (Ask.).
- canina* (not traced); Stiles, 1907b, 46.—1907: Fil.
- canini* Gescheidt, 1833, 37, t. h. *Canis* fam. fricator: by Gescheidt.—1833: Fil. oculi.
- caninum* Erc., 1859a, 313, 550, t. h. *Canis* fam.: Europe.—1859: Sclerost. 1859: Str. 1889: Ankylostomum. 1895: Ankylostoma. 1900: Unc. 1903: Agchylostoma. 1904: Anchylostoma. 1910: Ancylostomum. 1913: Ancylostoma. 1916: Ancylostoma (Ankylostoma).
- canis* Fiebiger, 1912, 235, see *bronchialis canis*.—1912: Fil. tracheo-bronchialis.
- canis* Goeze, 1782a, 84, t. h. Dachshund.—1782: Asc. teres.
- canis* Kaupp, 1909, 154, t. h. *Canis* fam.; Texas.—1909: Echinor.
- canis* Kræmer, 1853a, 293, t. h. *Canis* fam.; Germany.—1853: Trichina.
- canis* M. C. V. in Mol., 1858c, 388, t. h. *Canis azaræ*: Barra do Rio Jauru.—1858: Fil.
- canis* Pease, 1901c, 136, t. h. dog; India.—1901: Fil. sanguinis.
- canis* Porta, 1914, 487, t. h. *Canis* fam.; Gand.—1914: Echinor.
- canis* Rail., 1889g, 131, see *canis bronchialis*.—1889: Str. bronchialis.
- canis* Rud., 1805a, 35.—1805: Asc. lumbricoides.
- canis* Rud., 1809a, 210; Hartmann, 1685.—1809: Lumbricus renum.
- canis* Schrank, 1788a, 7, t. h. *Canis* fam.; by Redi.—1788: Asc. [1802: Dioctophyme, type.]
- canis* Vogel (Rev. of Guittard, DtW., 1899, 252, see *vasorum*.—1899: Str. vasorum.
- canis* Werner, 1782a, 11, t. h. *Canis* fam.—1782: Lumbricus. 1790: Asc. 1893: Asc. mystax. [1905: Toxocara, tod.] 1913: Toxasc. 1913: Belasc. 1916: Toxocara.
- canis-aurei* Rud., 1819a, 53, t. h. *Canis aureus*: C. E. V.—1819: Asc. [See *mystax*.]
- canis-brachyuri* (*trachealis*) Mol., 1858c, 420, t. h. *Canis brachyuris*: Rio Araguay.—1858: Fil.
- canis-brachyuris* M. C. V. in Mol., 1858c, 380, t. h. *Canis brachyuris*: Brazil.—1858: Fil.
- canis bronchialis* Osler, 1877a, 387, t. h. *Canis* fam.; Montreal.—1877: Str.
- canis cordis* Leidy, 1850f, 118, t. h. *Canis* fam.; by Coats.—1850: Fil.
- canis-domestici* see *papillosa hæmatica c.-d.*—1852: Fil. *papillosa hæmatica*.
- canis-familiaris* Dies., 1851a, 331, t. h. *Canis* fam.; by Warren, 1830.—1851: Nematodeum.

- canis-familiaris* Gruby & Delafond, 1852a, 9.—1852: Fil. papillosa hæmatica.
canis filis (Gmel., 1790a) Werner of Galli-Val., 1901c, 363, t. h. *Felis catus*.—1901: Asc.
canis-lagopodis Viborg, 1795, 235 [nv.]; Rud., 1809a, 194; t. h. *Canis lagopus*.—1795: Asc. 1809: Asc.
canis pulmonalis Linst., 1896c, 17, for *canis bronchialis* (Str.).
canis renalis Dies., 1851a, 327; quotes Redi; renamed Eustr. *gigas*.—1851: Lumbricus.
canis-vulpis M. C. V. in Mol., 1861a, 442 (18).—1861: Str. [1861: *Crenosoma semi-armatum*.]
canis-vulpis Rayer, 1843g, 182, t. h. *Canis vulpis*; by Rayer.—1843: *Trichosoma*.
capensis Cam., 1895a, 12, hng.; Cape of Good Hope.—1895: Chord.
capillacea Mange, 1866, 7, in Bernstein.—1866: *Anguillula*.
capillare Linst., 1882a, 14, t. h. *Talpa europæa*.—1882: *Trichosoma*.
capillari Stoss., 1897b, 108, misprint for *capillaris* (Spiropt.).
capillaris Dunl., 1895a, 1150.—1895: *Vermiculus*. [Dracunculus.]
capillaris Fabr., 1780a, 270, free.—1780: Gord.
capillaris Mol., 1860e, 349 (21), t. h. *Sterna hirundo*; M. V.—1860: Spiropt. 1861: *Cheilospirura*. 1916: *Schistorophus*.
capillaris Müell., 1889a, 282, t. h. *Ovis aries*, *Rupicapra rupicapra*; Germany.—1889: Pseudalius. 1899: Str. 1907: *Synthetocaulus*. 1913: Str. (Synthet.).
capillaris Pricolo, 1913, 201, t. h. chameau, dromadaire; Tripoli.—1913: Str.
capillaris Rud., 1809a, 86, t. h. Anser, *Anas querquedula*; Europe.—1809: Trichoc.
capillaris Schrank, 1790a, 121, t. h. *Silurus glanis*; teste Schrank.—1790: Asc.
capillatus Linst., 1901b, 416, t. h. *Rhombodera scutata*; Langenburg am Nyassa-See, Africa.—1901: Chord.
capillosa Francis, 1888a, 429 (or oculi) (probably for papillosa?) in horse; Texas.—1888: Fil.
capitatum Cobb, 1913, 443, in arable soils; U. S. A.—1913: *Wilsonema*, mt.
capitatus Fabr., 1780a, 279.—1780: Lumbricus.
capitatus Linst., 1880a, 49, t. h. *Pseudorca crassidens*; lng.—1880: Echinor. [1906: Bolbor.] 1908: Bolbor. 1908: *Bolbosoma*.
capitatus Looss, 1900c, 191, t. h. *Equus [mulus]*; Cairo.—1900: *Gyaloc.*, mt.
capitatus Mol., 1860e, 341, t. h. *Falco minutus*; Brazil.—1860: Disph. 1912: *Acuaria* (Dispharynx).
capite et collo armato Bloch, 1782a, 27, in dem Darmkanal des kleinsten Tauchers; by Bloch.—1782: Echinor.
capitellata Schneid., 1866a, 96, t. h. *Coracias garrula*; by Brems.—1866: Fil.
capitellatus Rud., 1819a, 35, t. h. *Caprimulgus europæus*; by Treutler.—1819: Str.
capitosulcatus Mont., 1898a, 39; Cuba.—1898: Gord.
capræ Braun in Rud., 1809a, 447, t. h. *Capra hircus*.—1809: Echinor. [See *Lingua-tula rhinaria*.]
capræ Linst., 1883a, 287, t. h. *Capra hircus*; Turkestan?—1883: Fil. 1911: *Onchocerca*. 1912: *Oncocerca*.
capreoli Rud., 1809a, 244, t. h. *Cervus capreolus*; Zed., 1803.—1809: Str.
capricola Rans., 1907k, 2, t. h. goats, sheep; U. S. A.—1907: Trichostr.
caprimulgi Mol., 1860b, 978, t. h. *Caprimulgus megalurus*; Brazil.—1860: Spiropt.
caprimulgi Rud., 1819a, 15, t. h. *Caprimulgus europæus*; C. E. V.—1819: *Trichosoma*. 1915: Cap.
caprimulgi Rud., 1819a, 55, t. h. *Caprimulgus europæus*; C. E. V.—1819: Asc. [1851: Asc. *subulata*.]
caprimulgi-europæi Crep., 1829a, 36, t. h. *Caprimulgus europæus*; Mus. Greifsw.—1829: *Nematoideum*.
capsularia Rud., 1802a, 3, t. h. *Clupea harengus*.—[1800: *Capsularia*.] 1802: Fil. 1815: Gord. (Fil.).
capsularia Rud., 1802a, 27, *Capsularia salaris* renamed, t. h. Lachs; by Rud.—[1800: *Capsularia*, type.] 1802: Asc. 1838–40: *Agamonema*. 1851: *Agamonema*. 1899: Asc. (*Agamonema*).
capsularis Criv., 1845a, 5, for *capsularia* (Asc.).
capsulata A., D., & E., 1901b, 36, t. h. *Pycnonotus barbatus*, etc.; W. Africa.—1901: Fil. 1909: Microfil.
carabi Dies., 1851a, 135, t. h. *Carabus clathratus*; by Schiøedte.—1851: *Anguillula*.
carabi Gmel., 1790a, 3040, t. h. *Carabus*; teste Pall.—1790: Fil.
carabi-alternantis Dies., 1851a, 89, t. h. *Carabus alternans*; Sicilia.—1851: Fil. 1851: Gord.
carabi-blapoides C. E. V. in Rud., 1819a, 11.—1819: Fil.
carabi-catenulati Dies., 1851a, 89, t. h. *Carabus catenulatus*; Gr. Brit.—1851: Fil. 1851: Gord.
carabi-hortensis Dies., 1851a, 88, t. h. *Carabus hortensis*; Eng.—1851: Gord.

- carabi-monilis* Dies., 1851a, 88, t. h. *Carabus monilis*; Gr. Brit.—1851: Fil. 1851: Gord.
- carabi-morbillosi* Dies., 1851a, 88, t. h. *Carabus morbillosus*; Gr. Brit.—1851: Fil. 1851: Gord.
- carabi-nemoralis* Dies., 1851a, 88, t. h. *Carabus hortensis*; Gr. Brit.—1851: Fil. [1851: Gord. *carabi-hortensis*.]
- carabi-violacei* Dies., 1851a, 88, t. h. *Carabus violaceus*; Gr. Brit., Austria.—1851: Fil. 1851: Gord.
- carancum* Dies., 1851a, 121, t. h. *Caranx trachurus*, *C. luna*; Nap.—1851: Agamonema.
- caranqum* Kröy., 1838-40a, 597, t. h. *Caranx trachurus*.—1838-40: Agamonema.
- carassii* Rud., 1809a, 317, t. h. *Cyprinus carassius*; by Braun.—1809: Echinor.
- carbonis* Rud., 1819a, 16, t. h. *Pelecanus carbo*; C. E. V.—1819: *Trichosoma*. 1915: Cap.
- carbonis* Turton, 1807a, 125, t. h. *Pelecanus carbo*; Gr. Brit.—1807: Asc. [1853: Asc. *spiculigera*.]
- carcharia* Lint., 1891a, 536, t. h. *Carcharias littoralis*; Woods Hole.—1891: Echinor.
- carcinicola* Baylis, 1915, 418, t. h. *Cardisoma guahumi*, *Gecarcinus ruricola*; Jamaica.—1915: Monhystera.
- carduelis* Rud., 1809a, 73, t. h. *Fringilla carduelis*; by Spigelius.—1809: Fil.
- carinii* Trav., 1915, 73 (1), t. h. *Canis azaræ*?; from S. Paulo.—1915: Unc.
- carpionis* Gmel., 1790a, 3050, t. h. *Cyprinus carpio*; based on *Acanthoc. Koelreuter*, 1771, 499.—1790: Echinor.
- carpionis* Linst., 1878b, 240, t. h. *Cyprinus carpio*; Ing.—1878: Asc.
- carruccioi* Cond.-Franc., 1897a, 4, t. h. *Dendrocopus major*; Italy.—1897: Echinor.
- carruccioi* Cond.-Franc., 1898a, 2, t. h. *Gobius avernensis*; Italy.—1898: Fil.
- carteri* Bast., 1865c, 106, aquatic; Falmouth.—1865: *Dorylaimus*.
- carynjosoma* Trav., 1915, 377 (4), t. h. *Nyctanassa violacea*; Brazil.—1915: Polymorphus.
- cassici-atrī (abdominalis)* Mol., 1858c, 423, t. h. *Cassicus ater*; Caiçara.—1858: Fil.
- casta* Stess., 1902d (e), 66 (6), t. h. *Salminus maxillosus*; Alto Parana.—1902: Asc.
- castoris* Rud., 1809a, 195, t. h. *Castor fiber*; teste Perrault & Charras, 1757.—1809: Asc.
- castoris* Rud., 1819a, 18, t. h. *Castor fiber*; C. E. V.—1819: *Trichoc.*
- catanensis* Rizzo, 1902, 33, t. h. *Coluber viridiflavus*, *Tropidonotus natrix*; Catania.—1902: Str.
- catheterinus* Johnst., 1912, 73, t. h. *Catheturus lathamii*; Burnett River.—1912: Het. 1914: Ascaridia.
- catholica* Onelli, 1905, 144, t. h. *Canis azaræ*, etc.; Buenos Aires.—1905: Unc.
- cati* Cobbold, 1873c, 125, t. h. wild cat.—1873: *Trichosoma*.
- cati* Schrank, 1788a, 8, t. h. *Felis dom.*; Europe.—1788: Asc. 1911: Belasc. [Cf. Asc. *mystax*.]
- cati-feri* Rud., 1819a, 799, for *felis-cati-feri* (*Dubium*).
- catinatum* Looss, 1900c, 186, t. h. *Equus*; Egypt.—1900: *Cyathost.* 1901: *Cylichnost.* 1911: *Cylicost.*
- catocala-fraxini* Dies., 1851a, 104, t. h. *Catocala fraxinus*; Mus. Wien.—1851: Fil. 1851: Gord.
- caucasica* Linst., 1902l, 769, t. h. *Homo*; Caucasus.—1902: *Physalopt.*
- caucasica* Linst., 1907a, 172, for *caucasica* (*Physalopt.*).
- caudata* Linst., 1906, 250, t. h. *Lampronessa sponsa*; Königsb.—1906: Het.
- caudata* Linst., 1908, 26, t. h. *Pteroclorus namaqua*; Kalahari, Africa.—1908: *Oxyuris*.
- caudatus* of Brems., 1824a, 131.—1824: Echinor. [1851: *E. globocaudatus*.]
- caudatus* Westrumb, 1821a, 22 pars. t. h. *Crotophaga ani*, etc.—1821: Echinor. [1851: *E. tumidulus*.]
- caudatus* Zed., 1803a, 153, *buteonis* Schrank renamed, t. h. *Falco buteo*; Ing., based on Goeze.—1803: Echinor.
- cauda subulata* Goeze, 1782a, 108, t. h. *Hechte & Lacerta palustris*.—1782: Asc. *vermicularis*. 1809: Asc. *vermiculari*.
- caudinflatum* Mol., 1858 (1859a), 302, t. h. *Perdix coturnix*; Padua.—1858: *Calodium*. 1890: *Trichosoma*.
- caudispina* Mol., 1858c, 382, t. h. *Ateles variegatus*, etc.; M. C. V.—1858: Fil. 1861: *Dipetalonema* (probably type).
- [*caudiseta* Müell., 1778a, 182, apparently not as sp. name; cf. *trichurus* 1775.—1778: *Trichuris*.]
- caussanelli* Maupas, 1900a, 494, t. h. *Arion empiricorum ater*; Normandy.—1900: *Rhabditis*.
- cavalli* Hall, 1916a, 144, for *cavallii* (Str.).
- cavalli* Par., 1907a, 2, t. h. *Otomys irroratus*, *O. irroratus tropicalis*; Africa.—1907: Str.

- cavia-acuschy* M. C. V. in Mol., 1858c, 412, t. h. *Cavia acuschy*; Barra do Rio negro.—1858: Fil. [1858: *F. conica*.]
caviæ-aguti M. C. V. in Mol., 1861a, 462; Brazil.—1861: *Str. conjugatus*.
caviæ-aguti M. C. V. in Mol., 1860b, 968 (60).—1860: *Spiropt*.
cavittatis abdominis passali-cornuti Leidy, 1852b, 241, t. h. *Passalus cornutus*; by Leidy.—1852: *Nematoideum*.
cebi-carayæ Mol., 1858c, 418, t. h. *Cebus caraya*; M. C. V.—1858: Fil.
cebi-trivirgati (abdominalis) Mol., 1858c, 418, t. h. *Cebus trivirgatus*; Matogrosso.—1858: Fil.
cebus Darling, 1911, 1, t. h. *Cebus hypoleucus*; Panama.—1911: *Strongyloides*.
celtica Southern, 1914a, 25; Clew Bay.—1914: *Sabatiera*.
cembræi Fuchs, 1915, 180, t. h. *Ips cembræi*.—1915: *Tylenchus contortus*.
centertus Michalik, 1891a, 58 misprint for *contortus* (Str.).
centridermichthys Linst., 1903u, 275, t. h. *Centridermichthys uncinatus*; Murman Coast.—1903: *Asc*.
centrisci Rud., 1819a, 57, t. h. *Centriscus scolopax*; Nap.—1819: *Asc*. [1896: *Asc. capsularia*.]
centrocereus Man, 1884a, 175, in marshy soil; Nederland.—1884: *Dorylaimus*.
centronoti-glauci Rud., 1819a, 195, t. h. *Centronotus glaucus*; Nap.—1819: *Dubium*.
centropi Porta, 1910, 69, t. h. *Centropus senegalensis*; Guinea Port.—1910: *Echinor*.
cephalata Cobb, 1894c, 399, in marine sand; Bay of Nap.—1894: *Platycoma*, mt.
cephalata Cobb, 1913, 145; Kingston Harbor, Jamaica.—1913: *Draconema*, tod.
cephalatus Cobb, 1893a, 828 (51), about roots of moss; N. S. Wales.—1893: *Plectus*.
cephalatus Cobb, 1901, 1115, on roots of Passion vine; N. S. W.—1901: *Cephalobus*.
cephalophora Man, 1877a (1878), 106.—1877: *Monhystera*.
cephalopodium Dies., 1851a, 353, t. h. *Eledone moschata*. *Sepia officinalis*; by Krohn.—1851: *Fictitium*, mt.
cephaloptera Mol., 1860b, 956, t. h. *Momotus brasiliensis*; Brazil.—1860: *Spiropt*. 1861: *Cheilospirura*. 1897: *Oxyspirura*, tsd.
cephaloptera Rud., 1819a, 52, t. h. *Vipera redii*; Italy.—1819: *Asc*.
cepola-rubescens Rud., 1819a, 193, 563, 799, t. h. *Cepola rubescens*; Rimini.—1819: *Dubium*. 1851: *Nematoideum*.
cercopidis Rud., 1809a, 78, t. h. *Cercopis spumaria*; by Roesel.—1809: Fil.
cernuus Bennett, 1875a, 125, misprint for *cernuus* (Doch.).
cernuæ Gmel., 1790a, 3048, t. h. *Perca cernua*; by Zega.—1790: *Echinor*.
cernuæ Nordm., 1840a, 652 for ? *percæ-cernuæ* (Cucullanus).
cernuus Crep., 1829b, 9, t. h. *Ovis aries*; by Laurer.—1829: *Str*. [1845: *Sclerost. hypost*. 1851: *Doch. hypost*. 1861: *Monodontus wedlii*.] 1868: *Doch*. 1888: *Ankylostoma*. 1885: *Unc*. [1888: *Ancylostoma*.] 1900: *Monodontus*. [1900: *M. trigonoc*.] 1900: *U*. (*Monodontus*). [1902: *Bunost*.], tod. 1902: *Bunost. phlebotomum*. 1902: *Bunost. trigonoc*.] 1906: *Ankylostomum*.
certa Leidy, 1866e, 313, t. h. *Diomedea exulans*; by Ruschenberger.—1866: *Tropidocerca*. 1914: *Tetrameres*.
cervi Rud., 1819a, 8, t. h. *Cervus elaphus*; C. E. V.—1819: Fil.
cervi Schrank, 1803b, 196, t. h. *Cervus*; by Schreiner.—1803: *Asc*.
cervicalis Rail. & Henry, 1910, 250, t. h. *Equus cab.*; Alfort.—1910: *Onchocerca*. 1912: *Oncocerca*.
cervicornis McFadyean, 1897a, 46, t. h. *Ovis aries*; Eng.—1897: *Str*. 1912: *Hæmonchus*.
cervicornus Reakes, 1900a, 46 for *cervicornis* (Str.).
cervi-claphi C. E. V. in Mol., 1858c, 405, t. h. *Cervus elaphus*; C. E. V.—1858: Fil. [1858: *F. terebra*.]
cervi-mexicani M. C. V. in Mol., 1861a, 461.—1861: *Str*. [1861: *Eucyathost. longesubulatum*.]
cervina Duj., 1845a, 49, t. h. *Cervus elaphus*; M. V.—1845: Fil.
cervi-nambi M. C. V. in Mol., 1861a, 514 (90).—1861: *Spiropt*.
cervi-rufi M. C. V. in Mol., 1861a, 461.—1861: *Str*. [1861: *Eucyathost. longesubulatum*.]
cervorum brasiliensium M. C. V. in Mol., 1858c, 401, t. h. *Cervus*; Brazil.—1858: Fil.
cesticillata Sons., 1889c, 224, t. h. *Megalotis cerdo*; Egypt.—1889: *Physalopt*.
cesticillus Mol., 1860b, 926, t. h. *Dicotyles albirostris*; Brazil.—1860: *Spiropt*.
cesticillus Mol., 1861a, 516 (92), t. h. *Cebus fatuellus*; Brazil.—1861: *Str*.
cestodiocla Linst., 1903u, 278, t. h. *Sebastes norvegicus*; Murman Coast.—1903: *Echinor*.
cestodiformis Linst., 1904m, 380, t. h. *Erinaceus albiventris*; Nigeria, W. Africa.—1904: *Echinor*. 1908: *Gigantor*.
ceti Roussel de Vauzème, 1834a, 326, t. h. *baleines*; Malouines Isl.—1834: *Odontobius*, mt.

- cettensis* Rouville, 1903c, 1529, free; canal des Bourdigues, Cette.—1903: Sabatieria, mt.
- ceylanica* Linst., 1904f, 2, t. h. *Haliastur indus*, *Poliaëtus ichthyætus*; Colombo, Kalpitiya.—1904: Asc.
- ceylanicum* Looss, 1911a, 212, t. h. *Viverricula malaccensis*; Ceylon.—1911: Agchyllostoma. 1913: Ancylostoma. 1915: Ancylostoma. 1916: Ancylostoma (Ceylan-cylostoma, tod.).
- ceylonica* Linst., 1907, 165, for *ceylanica* (Asc.).
- chætogaster* Greeff, 1869a, 114.—1869: Desmoscolex.
- chamæleonis* Skrj., 1916, 87, t. h. *Chamæleontidæ*; Brit. E. Africa.—1916: Angiost.
- chamocensis* Par. [nv.]; Henry & O'Zoux, 1909, 547.—1909: Fil. [1909: F. (Diplo-triæna).]
- chaos* Linn., 1758a, 821, in fresh water; Roesel.—1758: Volvox. [1767: Chaos, tat.].
- charadrii* Dies., 1851a, 194, t. h. *Charadrius hiaticula*; Ireland.—1851: Asc.
- charadrii* Rud., 1819a, 10, t. h. *Charadrius minor*; C. E. V.—1819: Fil.
- charadrii* Rud., 1819a, 16, t. h. *Charadrius minor*, *C. himantopus*; C. E. V.—1819: Trichosoma. 1915: Cap.
- charadrii* Skrj., 1915, 698, t. h. *Vanellus cristatus*.—1915: Streptocara crassicauda.
- charadrii-fluviatilis* Linst., 1878a, 135, apparently lapsus for *ch.-pluvialis* (Spiropt.).
- charadrii-pluvialis* Dies., 1851a, 227, t. h. *Charadrius pluvialis*; Ireland.—1851: Spiropt.
- charadrii-pluvialis* Rud., 1819a, 78, t. h. *Charadrius pluvialis*; C. E. V.—1819: Echinor.
- charadriorum* Rud., 1819a, 55, t. h. *Charadrius himantopus*, etc.; C. E. V.—1819: Asc. [1851: Asc. heteroura. 1896: Asc. ensicauda.]
- chelonix* Chiaje, 1823, 68, t. h. *Chelonia mydas* [nv.].—1823: Asc.
- chenonetta* Johnst., 1912, 71, t. h. *Chenonetta jubata*; Sydney.—1912: Het.
- chevreuri* Seur., 1914, 252, t. h. *Epervier*; Bône.—1914: Physalopt. alata.
- chevreuri* Seur., 1913, 678, t. h. *Felis ocreata*; Algeria.—1913: Habronema.
- chiajei* Pol., 1859 [nv.]; Par., 1894a, 216; t. h. *Chelonia mydas*; Padua.—1859: Asc.
- chierchii* Mont., 1889d, 69, t. h. a telostean; Tabogo, Gulf of Panama.—1889: Echinor.
- chilensis* E. Bl., 1849e, 109, free; Valparaiso, Chili.—1849: Gord.
- chinensis* Villot of Cam., 1895a, 2; Borneo.—1895: Gord.
- chinensis* Villot, 1874a, 56; Pekin, Paris Mus.—1874: Gord.
- chilensis* Stewart, 1914, 245, aquatic; Chilka Lake, India.—1914: Oncholaimus.
- chironomi* Dies., 1851a, 111, t. h. larva in *Chironomus* sp.; by Sieb.—1851: Mermis.
- chironomi-plumosi* Kræmer, 1853a, 291.—1853: Merinthoidum mucronatum.
- chironomi-plumosi* Dies., 1851a, 105, t. h. *Chironomus plumosus*; by Jenyes; teste Hope, 1840.—1851: Fil. 1851: Gord.
- chlamydosauri* Breinl, 1912, 41, t. h. *Chlamydosaurus kingii*; N. Queensland.—1912: Fil. 1912: Microfil.
- chlorophthalma* Man, 1877a, 114.—1877: Chromadora. 1917: Chromadorella.
- chlorurus* Man, 1880a, 61, in moist soil; Holland.—1880: Odontolaimus, mt.
- chordeilis* Packard, 1873c, 736, t. h. *Chordeilis virginianus*; Campton, N. H.—1873: Eustr.
- chordodes* Dies., 1851a, 94, t. h. *Acanthodis glabrata*; Brazil.—1851: Gord.
- chordodes* Gueguen, 1905, 399, for Gord. (Chord.).—1905: Gord.
- chiroptera* Mol., 1858b, 273, t. h. *Tapirus americanus*; Brazil.—1858: Spiropt.
- chrysalis* Mayer, 1844a, 73 [an insect], t. h. *Rana escul.*—1844: Acanthosoma, mt.
- chrysanthemoides* Skrj., 1916, 51, t. h. *Bufo* sp.; Brit. E. Africa.—1916: Orneoasc., tod.
- chrysomela* von Holten, 1797a, 16, t. h. *Chrysomela alni*; by Holten.—1797: Fil.
- chrysomela-alni* Rud., 1809a, 77, t. h. *Chrysomela alni*.—1809: Fil.
- chrysomela-tanacetii* Frœl., 1791a, 108, t. h. *Chrysomela tanacetii*; by Frœl.—1791: Fil.
- chrysophrydis-aurata* Dies., 1851a, 119, t. h. *Chrysophrys aurata*; M. C. V.—1851: Agamonema.
- chrysoptera* Cobbold, 1879b, 403, for *chrisoptera* (Spiropt.).
- chrysotidis* Walter, 1866a(b), 78 (28), t. h. *Chrysotis amazonicus*; by Walter.—1866: Trichosoma. 1915: Cap. [(Cap.).]
- cibourgensis* Steiner, 1914, 420, in fauligem Gras; bei Cibourg, Switz.—1914: Demaniella, mt. 1914: Demania.
- ciconia* Rud., 1819a, 55, t. h. *Ardea ciconia*, *C. nigra*; C. E. V. and by Rosa.—1819: Asc. [1851: Asc. microc.]
- ciconia* Schrank, 1788a, 2, t. h. *Ciconia*; Redi.—1788: Fil.
- ciconia-alba* Wedl., 1856a, 36, t. h. *Ciconia alba*; by Wedl.—1856: Asc.
- ciconia-maguari* M. C. V. in Mol., 1860b, 932.—1860: Spiropt. [1860: S. excisa.]
- ciconia-maguari* M. C. V. in Mol., 1860c, 486.—1860: Spiropt. [1860: S. longevaginat-us.]
- ciconia-maguari* M. C. V. in Mol., 1860b, 983.—1860: Spiropt. [1860: S. anulata.]
- ciconia-maguari* M. C. V. in Mol., 1860b, 983.—1860: Spiropt. [1860: S. tenuicauda.]

- ciliatus* Linst., 1877a, 2, in schwarzer Erde; Ing.—1877: *Acrobeles*, mt. 1909: *Cephalobus*.
- ciliatus* Müell., 1774, 30 [nv.]; Herbst, 1787a, 30.—1774: *Lumbricus*.
- cinnata* Müell. & Paumgarten, 1869a, 88, for *cinnata*.—1869: *Spiropt.* 1890: *Fil.*
- 1890: *Spiropt.*
- cinnata* Erc., 1866, 271, t. h. *Equus cab.*, *E. asinus*; by Erc.—1866: *Spiropt.* 1882: *Fil.*
- cincta* Cobb, 1894c, 390; Bay of Nap.—1894: *Tricoma*, mt.
- cincta* Cobb, 1917n, 119 [, in marine sand; Miami, Fla.].—1917: *Scaptrella*, mt.
- cincta* Linst., 1897i, 31, t. h. *Stellio vulg.*; Mus. Königsb.—1897: *Oxyuris*.
- cincta* Villot, 1875, 464: Roscoff.—1875: *Chromadora*.
- cinctulus* Porta, 1905a, 161, t. h. *Lucioperca volgensis*, *Silurus glanis*; Volga.—1905: *Echinor.*
- cinctus* Fabr., 1780a, 270; in fundo marino arenoso ad littora Greenland.—1780: *Gord.*
- cinctus* Linst., 1898a, 469, t. h. *Perameles obesula*; Australia.—1898: *Hoploc.*, mt. [1898: *Echinonema*, mt.]
- cinctus* Linst., 1906, 245, t. h. *Homo*; Transvaal.—1906: *Paragord.*
- cinctus* Rud., 1819a, 66, t. h. *Coluber atrovirens*, *Vipera redii*; Rimini, Berl.—1819: *Echinor.*
- cingula* Linst., 1902o, 634, t. h. *Cryptobranchus megalobranchus maximus*; Hamburg Zool. Gard.—1902: *Fil.*
- cinnata* Züern, 1871a, 65, misprint for *cinnata* (*Spiropt.*).
- circularis* Linst., 1897i, 28, t. h. *Mus rattus*; Madagascar.—1897: *Physalopt.*
- circularis* Linst., 1899b, 24, t. h. *Hesperomys* sp.; Porto Algere.—1899: *Fil.*
- circularis* Linst., 1903k, 110, t. h. *Centropus sinensis*; Siam.—1903: *Het.* 1914: *Ascaridia*.
- circularis* Linst., 1907, 251, t. h. *Pristis antiquorum*; Kamerun.—1907: *Asc.*
- circularis* Mol., 1860b, 922, t. h. *Corvus cyanomelas*, etc.; Brazil.—1860: *Spiropt.* 1910: *Pelecitus*.
- circulata* Micol., 1913, 119, in fresh water; Ostalpen.—1913: *Tripyla*.
- circumcinctus* Stadelmann, 1894a, 142, t. h. *Ovis aries*; Germany.—1894: *Str.* 1907: *Ostertagia*.
- circumflexa* Mol., 1858c, 377, t. h. *Trogon aurantius*; Brazil.—1858: *Fil.*
- circumflexa* Mol., 1858d, 145, t. h. *Felis pardus*; Padua.—1858: *Asc.* [1896: *A. mystax*.]
- circumflexa* Polonio, 1860b, 23, t. h. *Mus rattus*; Padua.—1860: *Trichina*.
- circumflexus* Mol., 1858d, 142, t. h. *Talpa europea*; Padua.—1858: *Echinor.* 1908: *Gigantor.*
- circumplexa* R. Bl., 1887e, 167, for *circumflexa* Polonio (*Trichina*).
- cirratus* Rail., 1899d, 128, t. h. *Phoca vitulina*; baie de Somme.—1899: *Str.*
- circumallata* Linst., 1906, 251, t. h. *Cygnus atratus*; Mus. Königsb.—1906: *Het.* 1914: *Urolabes*.
- cirrata* Carter, 1859b, 41, on *Gloeocapsa* on walls; Isl. of Bombay.—1859: *Urolabes*.
- cirrata* Linst., 1906, 254, t. h. *Iguana tuberculata*; Zool. Mus. Königsb.—1906: *Oxyuris*. 1912: *Ozolaimus*.
- cirratus* Bast., 1865c, 119, aquatic; Bagshot.—1865: *Plectus*.
- cirratus* Müell., 1776, 215.—1776: *Lumbricus*.
- cirratus* Müell., 1777, 4 [nv.]; 1780c, 209, in Dorsch.—1780: *Cucullanus*, tsd.
- cirratus* Eberth, 1863a, 34, free; Nizza.—1863: *Enoplus*. 1875: *Discophora*, mt. 1891: *Dipeltis*.
- cirratus* Pall., 1781, 104, for *cirratus* (*Cucullanus*).
- cirrohamata* Linst., 1888ab, 8, t. h. *Phalacrocorax verrucosus*; Challenger.—1888: *Fil.* (*Spiropt.*) 1897: *Spiropt.* 1916: *Streptocara*.
- cirrura* Leidy, 1886e, 309, t. h. *Quiscalus major*; Florida.—1886: *Fil.* 1916: *Thelazia*.
- cistudinis* Leidy, 1856b, 56, t. h. *Cistudo carolina*; by Schaffhirt.—1856: *Fil.*
- citilli* Rud., 1819a, 28, t. h. *Arctomys citillus*; Mus. Wien.—1819: *Spiropt.* 1916: *Physalopt.*
- citilli* Rud., 1819a, 76, t. h. *Arctomys citillus*; C. E. V.—1819: *Echinor.*
- clavie-fasciata* Mol., 1858c, 431, t. h. *Clodia fasciata*; Matogrosso.—1858: *Fil.*
- claparedii* Metsch., [nv.]; Chatin, 1884c, 376.—1884: *Chaetosoma*.
- clathratum* Baird, 1868b, 262, t. h. *Loxodonta africana*; by Baird.—1868: *Sclerost.* 1882: *Str.* 1900: *Sclerost.* 1910: *Grammoc.*, tod.
- clausa* Duj., 1845a, 85, t. h. *Erinaceus europæus*; M. V.—1845: *Spiropt.*
- clausa* Rud., 1819a, 29, t. h. *Erinaceus europæus*; Mus. Wien.—1819: *Physalopt.*, tsd.
- clausii* Büetsch., 1873e, 118.—1873: *Rhabditis*.
- clava* Linst., 1906, 111, t. h. *Aquila clanga*; Memel, E. Prussia.—1906: *Asc.*
- clava* Wedl, 1856b, 126, t. h. *Columba dom.*; by Müell.—1856: *Fil.*
- claviceps* Zed., 1800a, 130, in dem Schmerl; by Zed.—1800: *Echinor.* 1892: *Neor.*, tsd. 1905: *Neoechinor.*, tod. [1914: *Eor.*, type.]

- clavæiceps* Rud., 1809a, 258, for *clavæiceps* (Echinor.).
clavata Krøyer., 1838-40a, 603, t. h. *Gobius niger*, *Salmo fario*.—1838: Echinor.
clavata Rud., 1809a, 183, *gadi* renamed, t. h. *Gadus barbatulus*; by Fabr.—1809: Asc.
clavata-verrucosa Mol., 1858c, 380, t. h. *Thamnophilus canadensis*; Marabitanas.—1858: Fil.
clavatus Linst., 1906, 246; Jaunde, Kamerun, German W. Africa.—1906: Chord.
claviceps Rud., 1819a, 800, for *clavæiceps* (Echinor.).
clavula Duj., 1845a, 532, t. h. *Cyprinus brama*, etc.; Rennes.—1845: Echinor.
clavula Duj. of Hammann, 1891a, 98, in *Salmo fario*; by Hamann.—1891: Echinor.
clavus Linst., 1901c, 194, in leaves of *Allium vineale*; Gøtt.—1901: Diplogaster.
clelandi Johnst., 1912, 76, t. h. *Gymnorhina tibicen*; Eidsvold.—1912: Fil.
clitellarius Ward & Magath, 1917, 59, t. h. *Acipenser rubicundus*; Lake St. Clair.—1917: Cucullanus.
clæliæ-fasciatæ Stoss., 1897b, 64, for *clæliæ-fasciatæ*, in *Oxyrhopus fasciatus*; Brazil.—1897: Fil.
clupeæ Ben., 1871a, 66, t. h. *Clupea harengus*; Belgium.—1871: Asc.
clupeæ-ponticæ Linst., 1903u, 275, t. h. *Clupea pontica*; Sinus Jaltensis, Black Sea.—1903: Asc.
clupearum Fabr., 1794, 35, t. h. *Clupea harengus*.—1794: Asc.
clyti Linst., 1892 [nv.]; Seur., 1916, 364; in *Clytus arcuatus*.—1916: Nematodum.
coarctata Leuck., 1891a, 54, t. h. *Aphodius fimentarius*; by Leuck.—1891: Rhabditis.
cobbi Man, 1906, 161, *gracilis* Cobb, 1888, renamed.—1906: Tylenchus.
cobitides Bennet & Olivier, 1826a, 36, for *cobitidis* (Echinor.).
cobitidis Dies., 1851a, 186, t. h. *Cobitis barbatula*; Ireland.—1851: Asc.
cobitidis Gmel., 1790a, 3048, t. h. *Cobitis barbatula*; Gøze, 1782a, 158.—1790: Echinor.
cobitidis-barbatulæ Rud., 1809a, 258, based on Gøze, 1782a, 158.—1809: Echinor.
cobitidis-barbatulæ Dies., 1851a, 25, for *c.-barbatulæ* (Echinor.).
cobitinus Schrank, 1788a, 24, t. h. in dem Schmerlen; Gøze, 1782a, 158.—1788: Echinor.
cocci Dies., 1851a, 100, t. h. *Coccus* sp.; teste Hope, 1840—1851 Fil. 1851: Gord.
coccinea Seur., 1914, 814, t. h. *Phœnicopterus roseus*; Algeria.—1914: Tropicodocerca.
1914: Tetrameres.
coccinellæ-septempunctatæ Dies., 1851a, 110, t. h. *Coccinella septempunctata*; by Otto.—1851: Mermis.
cochleæformis Schneid., 1866a, 54, for ? *cochleatus* (Enoplus).
cochlicata Rail., 1916, 138, *spiralis* Oerley, 1882, renamed, t. h. *Heleioporus albopunctatus*.—1916: Fil.
cochleatus Schneid., 1866a, 54, im Meer, zwischen Algen; Helgoland.—1866: Enoplus.
cocksi Bast., 1865c, 143, tide pools; Falmouth.—1865: Phanoderma, tsd.
caenum Savelev, 1912, 124, in Lithothamnium; Palafjord.—1912: Thoracost.
colebs Linst., 1879b, 326, t. h. *Lanius rufus*; Coll. Hering.—1879: Fil.
colebs Linst., 1897i, 28, t. h. *Centetes ecaudatus*; Madagascar.—1897: Physalopt.
colebs Schlotthauber, 1860, 127, t. h. *Falco lagopus*.—1860: Syngamus.
conatus Haase, 1910, 813, misprint for *crenatus* (Trichoc.).
coffææ Noack, 1898a, 202, in roots of coffee plants; Brazil.—1898: Aphelenchus.
coffææ Zimmermann, 1898, 16, on coffee.—1898: Tylenchus.
coffææ Zimmerman, 1898, 44, on roots of coffee.—1898: Aphelenchus.
cognetti Linst., 1907, 175, for *cognettii* (Gord.).
cognettii Cam., 1904, 1; Alta Birmania.—1904: Gord.
coherens Schneid., 1866a, 127, t. h. *Dasypsecta aguti*; Brazil.—1868: Str. [1898: Sclerost. copulatum.]
coleopterorum Rud., 1809a, 76, quotes Lister, 1672, 4064.—1809: Fil. 1815: Gord. (Fil.). 1851: Gord.
collare Linst., 1873g, 294, t. h. *Gallus dom.*; by Linst.—1873: Trichosoma. [1915: Cap. (Thominx).]
collaris Ehrenb. in Hempr. & Ehrenb., 1828a, (Hyrax) unpagcd, t. h. *Hyrax capensis*; by H. & E.—1828: Crossophorus, tsd.
collaris Rud., 1802a, 20, t. h. *Pleuronectes maximus*; by Rud.—1802: Asc. 1803: Fus. 1809: Asc.
collaris Schrank, 1790a, 124, t. h. *Fulica fuliginosa*; Schrank.—1790: Echinor.
collurionis Frœl., 1802a, 40, t. h. *Lanius collurio*; by Frœl.—1802: Asc. [1851: Asc. laniorum. 1860: Spiropt. euryoptera.]
collurionis Rud., 1809a, 71, t. h. *Lanius collurio*; by Rossa.—1809: Fil.
collurionis Rud., 1819a, 76, t. h. *Lanius collurio*; C. E. V.—1819: Echinor.
collurionis pulmonalis Rud., 1819a, 8, t. h. *Lanius collurio*.—1819: Fil.
collurionis subcutanea Rud., 1819a, 8, t. h. *Lanius collurio*; C. E. V.—1819: Fil.
coloradensis Hall, 1916a, 169, t. h. *Eutamias quadrivittatus*; Colo.—1916: Rictularia.
coluber Müell., 1786a, 62.—1786: Vibrio. 1828: Anguillula.

- colubri* Bosc, 1802a, 49, t. h. *Coluber* sp.—1802: Fil.
colubri Cat. RCSL, 1830, 43, t. h. *Coluber*.—1830: Asc.
colubri M. C. V. in Mol., 1861a, 543 (119); Brazil.—1861: Str. [1861: Kalic. subulatus.]
colubri Rud., 1819a, 37, t. h. *Coluber austriacus*; Brazil.—1819: Str. 1851: Physalopt. [1858: Kalic. subulatus.]
colubri Rud., 1819a, 712, 799, t. h. *Coluber* [*Thamnobius poecilostoma*]; Brazil.—1819: Dubium. 1851: Nematoideum.
colubri-ænei M. C. V. in Mol., 1858c, 435, t. h. *Helicops carinicaudus*; M. C. V.—1858: Fil.
colubri-americani Cobbold, 1861e, 123, t. h. *Coluber americanus*; Lond. Zool. Gard.—1861: Fil.
colubri-americani Cobbold, 1861e, 124.—1861: Nematoideum.
colubri-americani Rud., 1819a, 10, t. h. *Coluber* sp.; by Bosc.—1819: Fil.
colubri-austriaci Rud., 1819a, 10, t. h. *Coluber austriacus*; C. E. V.—1819: Fil.
colubri-blumenbachii Cobbold, 1861e, 123, t. h. *Coluber blumenbachii*; Ing.—1861: Fil.
colubri-blumenbachii Cobbold, 1861e, 124.—1861: Nematoideum.
colubri-eririo vari M. C. V. in Mol., 1861a, 542; Brazil.—1861: Str. [1861: Kalic. strumosus.]
colubriiformis Giles, 1892c, 34, t. h. *Ovis aries*; India.—1892: Str. [1895: pars Str. instabilis. 1905: ?*Trichostr. subtilis*.] 1911: *Trichostr.*
colubri-jararaca M. C. V. in Mol., 1861a, 540 (116); Brazil.—1861: Str. [1861: Kalic. inermis.]
colubri-natrix Crep., 1844a, 121, t. h. *Coluber natrix*; by Crep.—1844: Nematoideum.
colubri-natrix Rud., 1810a, 270, t. h. *Coluber natrix*.—1810: Vermis (dubius). 1819: Dubium.
colubri-olivacei Rud., 1819a, 189, 559, 799, t. h. *Coluber olivaceus* [*Philodryas olfersii*]; Brazil.—1819: Dubium. 1851: Nematoideum.
colubri-surucucu M. C. V. in Mol., 1861a, 543 (119); Brazil.—1861: Str. [1861: Kalic. subulatus.]
columba Bennet & Olivier, 1826a, 14, for *columbæ* (Asc.).
columbæ Bridré, 1910, 38, in pigeon; Tunis.—1910: Disph. spiralis.
columbæ Gmel., 1790a, 3034, t. h. *Columba* dom.; by Gœze.—1790: Asc. [1845: Asc. (*Ascaridia*) maculosa. 1809: Asc. maculosa.] 1885: Het. 1913: *Ascaridia*.
columbæ Rud., 1819a, 15, t. h. *Columba* dom.; C. E. V.—1819: *Trichosoma*. 1915: Cap.
columbi R. Bl., 1905, 148, in Crapaud; Columbie.—1905: Fil.
columbia Linst., 1907, 267, t. h. *Bufo* sp.—1907: Fil. [See *columbi*.]
columbianum Curtice, 1890c, 16, t. h. *Ovis aries*; U. S. A.—1890: Oesophagost. 1898: Hypost. 1913: Oesophagost. (*Proteracrum*).
columbaris Leidy, 1856b, 51, new name for alienata Rud. of Leidy, t. h. *Mephitis chinga*; Ing.—1856: Asc.
colymbetis-striati Dies., 1851a, 92, t. h. *Colymbetes striatus*; by Dohrn.—1851: Fil. 1851: Gord.
colymbetis-ferruginei Dies., 1851a, 92, t. h. *Colymbetes ferrugineus*; Eng.—1851: Fil. 1851: Gord.
colymbi Rud., 1819a, 10, t. h. *Colymbus cristatus*; C. E. V.—1819: Fil. [1861: *Dicheilonema*.]
colymbi Rud., 1819a, 29, t. h. *Colymbus septentrionalis*; Greifsw.—1819: Spiropt.
colymborum Rud., 1819a, 55, t. h. *Colymbus auritus*, etc.; C. E. V.—1819: Asc. [1851: Asc. spiculigera.]
colymbus Muell., 1773b, 49, in aquis raro.—1773: *Vibrio*. [1838: *Amphileptus*.]
comes Türck, 1903 (1903-1904a), 330, marine; Gulf of Nap.—1903: Thoracost.
communis Bast., 1865c, 148, tide pools; Falmouth.—1865: *Enoplus*.
communis Büetsch., 1873a, 91; Germany.—1873: *Plectus*.
communis Büetsch., 1874b, 282; Kieler Bucht.—1874: *Spilophora*. 1889: *Desmodora*, tod.
communis Cobb, 1915, 44; Douglas Lake, Mich.—1915: *Aphanolaimus*.
communis Man, 1880a, 34, t. h. moist soil; Holland.—1880: *Cylindrolaimus*, tsd.
communis Man, 1880a, 63, in moist soil; Holland.—1880: *Diphtherophora*, mt.
communis Man, 1888a, 12, marine; Terschelling.—1888: *Terschellingia*, mt.
communis Deslgh., 1824q, 399, t. h. *Gadus callarias*.—1824: *Filocapsularia*, mt. 1838-40: *Agamonema*. 1851: *Agamonema*. 1878: Asc. 1910: Fil.
communis cyaneus Hoffmeister [nv.]; Waldenström, 1874a, 78.—1874: *Lumbricus*.
commutata Dies., 1851a, 152, brevicaudata 1819 renamed, t. h. *Bufo viridis*; M. C. V.—1851: Asc. 1861: *Cosmocerca*. 1866: *Nematoxys*. 1916: *Ananconus*, tod.
commutatus Dies., 1851a, 315, t. h. *Lepus timidus*; Europe.—1851: Str. 1907: *Synthetocaulus*, tod.

- compar* Leidy, 1856b, 52, t. h. *Felis catus*; by Leidy.—1856: *Oxyuris*.
compar Schrank, 1790a, 120, t. h. *Tetrao lagopus*; teste Schrank.—1790: *Asc.* 1803: *Fus.* 1809: *Asc.* 1845: *Asc.* (*Ascaridia*). 1887: *Het.* 1897: *Heteracis*. 1913: *Ascaridia*.
complanatus [nv.]; Aducco, 1889, 54.—1889: *Lumbricus*.
compressa Schneid., 1866a, 67, t. h. *Gallus dom.*; Adelaide, S. Australia.—1866: *Het.* [1882: *Ascaride*.] 1912: *Ascaridia*.
compressus Roemer, 1895a, 198; Baramfluss, Borneo.—1895: *Chord*.
compressus Rud., 1802a, 48, t. h. *Corvus monedula*; by Rud.—1802: *Echinor.* 1905: *Gigantor*.
conchoptera Cobbold, 1875, 514, misprint for *lonchoptera* (*Asc.*).
condamni Vañha, 1893, 283.—1893: *Dorylaimus*.
conepati Solanet, 1911, 1, t. h. *Conepatus suffocans*; Buenos Aires.—1911: *Agchylostoma*. [1911: *Ancylostoma*.]
confusum Sons., 1896m, 441; t. h. *Equus cab.*; Egypt.—1896: *Gongylonema*.
confulsus Rail. & Henry, 1915, 451, t. h. *Emys* sp.; Zool. Gard., Hamburg.—1915: *Camallanus*.
conga Drasche, 1883a, 140, misprint for *longa* (*Asc.*).
conger Ben., 1871a, 82, t. h. *Conger vulg.*; Belgium.—1871: *Dacnites*. 1878: *Dacnitis*.
congeri-vulgaris Mol., 1859h, 28, t. h. *Conger vulg.*; Padua.—1859: *Fil.* 1861: *Ichthyonema*.
congolensis Rail. & Henry, 1911, 388, t. h. *Phacochoerus porcus*; Ibenga, French Congo.—1911: *Setaria*.
conica Drasche, 1884b, 327, t. h. *Testudo græca*; Trieste or Coll. Wien.—1884: *Oxyuris*.
conica Mol., 1858c, 412, t. h. *Cavia acuschy*; Brazil.—1858: *Fil.* 1861: *Dicheilonema*.
conicum Mol., 1861a(h), 559 (135), t. h. *Capra aries mambricus*.—1861: *Oesophagost.*
conicus Zed., 1803a, 159, *quadrirostris* Gœze 1782a renamed, t. h. *Salmo salar*.—1803: *Echinor*.
coniunctiva Tecce, 1908a, 934, for *conjunctivæ* (*Fil.*).
conjunctivæ Supino, 1900a, 91, for *conjunctivæ* (*Fil.*).
conjunctivæ Penel, 1905a, 8, for *conjunctivæ* (*Fil.*).
conjunctivalis Penel, 1905a, 67, for *conjunctivalis* (*Fil.*).
conjunctivæ Aless., 1906, title page, misprint for *conjunctivæ* (*Fil.*).
conjugatus cavie-aguti M. C. V. in Mol., 1861a, 462; Brazil.—1861: *Str.* [1861: *Eucyathost. copulatum*.]
conjunctiva Sl. & Sw., 1912a, 392, for *conjunctivæ* (*Fil.*).
conjunctivæ Addario, 1885, 135, t. h. *Homo*; Italy.—1885: *Fil.*
conjunctivalis Linst., 1907, 253, t. h. *Lemur murinus*; Berl. Zool. Gard.—1907: *Spiropt.*
conjunctivæ Assenova, 1889, 50, for *conjunctivæ* (*Fil.*).
conocephala Mol., 1860b, 943, t. h. *Cuculus cayanus*; Brazil.—1860: *Spiropt.*
conocephalus Krabbe, 1878a, 49, t. h. dolphins; Atlantic.—1878: *Asc.* [1861: *Conoc.*, type.]
conoides Bloch, 1782a, 35, t. h. *Anas dom.*; by Zed.—1782: *Cucullanus*.
conosoma Jærdens, 1802a, 30, t. h. *Homo*; by Bretschneider.—1802: *Asc.* [1802: *Conosoma*, tat. 1860: *Musca dom.*.]
conostoma Rud., 1808a, 166; 1809a, 154, for *conosoma* (*Asc.*).—[1794: *Conostoma*, tat.].
conoura Linst., 1885b, 242, t. h. *Anguilla vulg.*; by Linst.—1885: *Fil.* 1909: *Spiropt.* 1910: *Fil.* (*Spiropt.*)
consimilis Cobb, 1917n, 438, about roots of *Platonia insignis*; Brazil.—1917: *Mononchus* (*Iotonchus*).
consobrinus Man, 1906, 163, in soil; Holland.—1906: *Tylenchus*.
conspicua Trav., 1914, 326, t. h. *Didelphis opossum*; Rio de Jan.—1914: *Viannata*.
constricta Leidy, 1856b, 53, t. h. *Tropidonotus sipedon*; U. S. A.—1856: *Physalopt.*
constricta Rud., 1809a, 134, t. h. *Trachinus draco*; Europe.—1809: *Asc.*
constrictor Olfers, 1816a, 51, probably for *constrictus* (*Echinor.*).
constrictus Nitzsch in Gieb., 1857a, 268, t. h. *Anas fuligula*; Germany.—1857: *Echinor*.
constrictus Zed., 1800a, 139, s. *anatis* Schrank, t. h. *Anas dom.*, *Fulica fusca*; by Gœze.—1800: *Echinor*.
continuus Müell., 1786a, 52.—1786: *Vibrio*.
contorta Kühn, 1857a [nv.]; Dolley, 1894a, 1021.—1857: *Tylenchus*. 1883: *Trichina*.
contorta Leidy, 1856b, 53, t. h. *Cistudo carolina*, etc.; U. S. A.—1856: *Physalopt.*
contorta Linst., 1889m, 391, free; by Linst.—1889: *Mermis*. 1905: *Paramermis*. 1905: *Hydromermis*.
contorta Mehl. in Crep., 1846a, 148, t. h. *Triton teniatus*; by Mehl.—1846: *Asc.*
contorta Rud., 1819a, 25, t. h. *Testudo orbicularis*; Rimini.—1819: *Spiropt.* 1866: *Spiroxys*, mt.

- contortu* Weidman, 1913, 141, t. h. *Dichocercus bicornis*; Phila. Zool. Gard.—1913: *Tropidocerca*. 1914: *Tetrameres*. 1915: *Tetrameres* (*Microtetrameres*).
- contortis* AJCGH, 1904, 293, for *contortus* (Str.).
- contortum* Crep., 1839a, 278, t. h. *Charadrius hiaticula*, etc.; by Crep.—1839: *Trichosoma*. 1915: Cap. (Thominx).
- contortum* Linst., 1906, 256, t. h. *Bufo vulg.*; Corfu.—1906: *Oxysoma*. 1916: *Oxyso-matium*.
- contortum* Mol., 1860e, 349, t. h. *Ursus arctos*; M. C. V.—1860: *Gongylonema*. 1879: *Spiropt.* (*Gongylonema*).
- contortus* Brems. in Westrumb, 1821a, 25, t. h. *Lanius collurio*; [Wien].—1821: *Echinor*.
- contortus* Cobb, 1894c, 414, in marine sand; Nap.—1894: *Laxus*.
- contortus* Fuchs, 1915, 117, t. h. *Ips typographus*.—1915: *Tylenchus*.
- contortus* Mol., 1858 (1859e), 294, t. h. *Strix flammea*; Padua.—1858: *Echinor*.
- contortus* Mol., 1858 (1859e), 298, t. h. *Ibis falcinellus*; Padua.—1858: *Disph.* 1912: *Acuaria* (*Hamannia*).
- contortus* Rud., 1803a, 15, t. h. *Ovis aries*; by Rud.—1803: *Str.* [1898: *Hæmonchus*, mt.] 1901: *Strugglus*. 1905: *Hæmonchus*, mt. 1913: *Hemonchus*.
- contortus* Rud., 1819a, 637, t. h. *Mus capensis*; Cape of Good Hope.—1819: *Trichoc.* 1916: *Trichuris*.
- contortus cembrae* Fuchs, 1915, 180, t. h. *Ips cembrae*.—1915: *Tylenchus*.
- contortus typographi* Fuchs, 1914, 203, t. h. *Ips typographus*.—1914: *Tylenchus*.
- contusus* Graham, 1906, 241, for *contortus* (Str.).
- conura* Daday, 1911, 506; Neuenburger-See.—1911: *Hydromermis*.
- conura* Mehl. in Crep., 1846a, 132, t. h. *Corvus glandarius*; Ing.—1846: *Asc.*
- convoluta* Mol., 1858c, 390, t. h. *Cystignathus gigas*, *Leptodactylus sibilatrix*; Brazil.—1858: *Fil.*
- convoluta* Zed., 1803a, 106, s. *talpæ* 1790, t. h. *Talpa*.—1803: *Fus.* [1809: *Asc. strumosa*. 1860: *Spiropt. strumosa*. 1916: *Spirura talpæ*.] 1916: *Fil.*
- convolutum* Fourm., 1885a, 703, t. h. *Ossifraga gigantea*; by Fourm.—1885: *Calodium*. 1890: *Trichosoma*. 1915: *Cap.* (Cap.).
- convolutus* Kühn, 1829b, 363, t. h. *Delphinus phocena*; by Kühn.—1829: *Str.* 1851: *Prosthecosacter*. 1899: *Pseudalius*.
- convolutus* Ostertag, 1890b, 457, t. h. *Bos taurus*; Berl.—1890: *Str.*
- coprophages* Man, 1876a(b), 159(82); Leiden.—1876: *Diplogaster*.
- copulatum* Mol., 1861a, 462, t. h. *Dasyprocta aguti*; Caçara, M. C. V.—1861: *Eucyathost.* 1898: *Sclerost.*
- coraciæ* Gmel., 1790a, 3033, t. h. *Coracias garrula*; teste Gœze.—1790: *Asc.* 1803: *Fus.* [1809: *Fil. coronata*.]
- coraciæ* Rud., 1819a, 77, t. h. *Coracias garrula*; Brems., 1811a, 26.—1819: *Echinor*.
- coracis* Braun, 1883a, 183, t. h. *Corvus corax*.—1883: *Fil. sanguinis*.
- cordata* Linst., 1906, 749, t. h. *Callipepla squamata*; Mexico.—1906: *Het.* 1914: *Ascaridia*.
- cordatus* Müell., 1897a, 5, t. h. *Coracias garrula*, etc.—1897: *Disph.*
- cordicola* Linst., 1905cc, 275, t. h. *Equus asinus*, E. cab.; German E. Africa.—1905: *Fil.*
- cordis* Reichard, 1759, 4 (*Herzwurm*) [nv.]; Rud., 1808a, 56.—1808: *Vermis.* 1810: *Lumbricus*.
- cordis phocæ* Joly, 1858a, 166, t. h. *Phoca vitulina*; by Joly.—1858: *Fil.*
- coreanus* Linst., 1906, 557, in fresh water stream; Korea.—1906: *Parachord.*
- corixæ-striatæ* Dies., 1851a, 100, t. h. *Corixa striata*.—1851: *Gord.*
- cornelyi* Cobbold, 1876, 294, t. h. *Numida vulturina*; by Cornely.—1876: *Asc.*
- cornicis* Gmel., 1790a, 3033, t. h. *Corvus cornix*; teste Gœze.—1790: *Asc.* 1803: *Fus.* 1809: *Asc.* [1896: *Asc. ensicaudata*.]
- cornicis* Gmel., 1790a, 3040, t. h. *Corvus cornix*; Pall.—1790: *Fil.*
- cornicis* Rud., 1819a, 76, t. h. *Corvus cornix*; C. E. V.—1819: *Echinor*.
- cornus* Stewart, 1898, 325, misprint for *cernuus* (*Doch.*).
- cornuta* Linst., 1899b, 24, t. h. *Antilope* sp.; Kamerun.—1899: *Fil.* 1911: *Setaria*.
- cornuta* Stoss., 1904b, 1, t. h. *Thynnus vulg.* Trieste.—1904: *Asc.*
- cornutus* Cobb, 1914, 73 (39); Maple River, Mich.—1914: *Teratoc.*
- cornwalli* Cobbold, 1879 [nv.]; R. Bl., 1887e, 160, t. h. *Homo*.—1879: *Rhabditis*.
- corollatus* Schneid., 1866a, 117, t. h. *Galeopithecus philippinensis*; Luzon.—1866: *Oxyuris*.
- coronata* Ben., 1858a (1861a), 270, t. h. *Raia radians*, *Scillium canicula*; by Ben.—1858: *Spiropterina*, mt.
- coronata* Cobb, 1893b, 279, in banana plant; Fiji.—1893: *Rhabditis*. 1913: *Diploscapter*, mt.
- coronata* Linst., 1903k, 114, t. h. *Galeopithecus volans*; Petalung.—1903: *Oxyuris*. 1903: *Oxyurus*.

- coronata* Linst., 1906, 165, *Ardeola grayi*; Ceylon.—1906: Asc.
coronata Mehl. in Crep., 1846a, 136, t. h. *Tringa alpina*; by Mehl.—1846: Spiropt.
coronata Mol., 1860b, 970, t. h. *Alcedo americana*, *Rallus cayennensis*; Brazil.—1860: Spiropt. 1916: Histioc.
coronatus Rud., 1809a, 65, t. h. *Coracias garrula*; Europe.—1809: Fil. 1815: Gord. (Fil.).
coronatum Looss, 1900c, 159, t. h. *Equus cab.*, etc.; Egypt.—1900: Cyathost. 1902: Cylichnost. 1911: Cylicost.
coronatus Man, 1906, 156, prairies de terre argileuse; Walcheren.—1906: Dorylaimus.
coronatus Eberth, 1863a, 37, marine; Nizza.—1863: Enoplus. 1865: Leptosomatium.
coronatus Mol., 1861a(b), 533 (109), t. h. *Phyllost. discolor*; Brazil.—1861: Histiostr., mt. 1899: Sclerost.
coronatus Mol., 1861a(b), 611 (187), t. h. *Mergus merganser*; Padua.—1861: Hystrichis.
coronatus Zed., 1800a, 91, t. h. *Muræna anguilla*; Ing.—1800: Cucullanus.
corrugatus Cam., 1895a, 2; Sumatra.—1895: Gord.
corrugatus Sars., 1885a, 221, t. h. *Euphausia pellucida*; by Sars.—1885: Echinor.
corvi Linst., 1900 in Wolffh., 1900a, 10, etc., t. h. *Corvus corone*, etc.; Freiburg.—1900: Spiropt.
corvi M. C. V. in Mol., 1860b, 923.—1860: Spiropt. [1860: *S. circularis*.]
corvi Sons., 1896m, 448, t. h. *Corvus cornix*; Egypt.—1896: Fil. sanguinis.
corvi-cajani M. C. V. in Mol. 1860c, 500.—1860: Spiropt. [1860: *Disph. mamillaris*.]
corvi-coracis Dies., 1851a, 226, t. h. *Corvus corax*; Ireland.—1851: Spiropt.
corvi-frugilegi Rud., 1819a, 54, t. h. *Corvus frugilegus*; C. E. V.—1819: Asc.
corvi-glandarii Viborg, 1795, 235 [nv.]; Rud., 1809a, 197; t. h. *Corvus glandarius*.—1795: Asc. 1809: Asc.
corvi-monedulae Baird, 1853a, 105, t. h. *Corvus monedula*; Ireland.—1853: Trichosoma. 1853: Cap.
corvi-torquati Cobbold, 1880k, 131, t. h. *Corvus torquatus*; China.—1880: Fil.
corvi-torquatis A., D., & E., 1901b, for *corvi-torquati* (Fil.).
corvina-nigra Par., 1894a, 226, t. h. *Corvina nigra*; Genoa.—1894: Agamonema.
corvorum Baird, 1853a, 106, t. h. *Corvus*; Coll. Wien.—1853: Acuaria.
corvorum Rud., 1819a, 15, t. h. *Corvus caryocatactes*, etc.; C. E. V.—1819: Trichosoma. 1915: Cap.
corynodes Linst., 1899b, 23, t. h. *Cercocebus fuliginosus*, etc.; Berl. Zool. Gard., Kamenrun.—1899: Fil. 1911: Dirofil.
corynoides Skrj., 1913, 406, t. h. *Anas boschas*; Russian Turkestan.—1913: Polymorphus.
coryphæna Rud., 1809a, 320, t. h. *Coryphæna hippuris*; by Bosc.—1809: Echinor. [1809: *Tetrar. papillosus*.]
costaricensis Linst., 1898e, 162; Costa Rica.—1898: Mermis. [An *Agamomermis*.]
costata Bast., 1865c, 166, marine, surface mud; Falmouth.—1865: Spiliphora. 1874: Spilophora. [1889: *Monoposthia*, tod.] 1907: *Monoposthia*.
costata Linst., 1907, 81, t. h. *Mabuia multifasciata*; Java.—1907: Oxyuris.
costatus Meyer, 1896b, 69, t. h. *Manis pentadactyla*; Ceylon.—1896: Str.
costatus Rud., 1819a, 647, t. h. *Coluber* sp.; Brazil.—1819: Str. 1845: Sclerost. 1851: Diaphanoc.
costellatus Duj., 1845a, 116, t. h. *Arvicola arvalis*; Rennes.—1845: Str. 1861: Metastr. [1899: *Str. polygyrus*.] 1909: *Heligmosomum*, tod.
cotylo;hora Ward & Magath, 1917, 60, t. h. *Perca flavescens*, *Stizostedion vitreum*; Lake St. Clair.—1917: Dacnitoides, mt.
couleti [= of Coulet] Browne, 1756, 382, t. h. *Homo*, not asspecific name.—1756: Asc. [1809: *Tetrar. papillosus*.]
couleti [= of Coulet] Blumenb., 1825a, 242, t. h. *Homo*. 1825: Ascarides.
cracis M. C. V. in Mol., 1860b, 944.—1860: Spiropt. [1860: *S. heteroclita*.]
cracis M. C. V. in Mol., 1860b, 983.—1860: Spiropt. [1860: *S. tenuicauda*.]
cracis-alectoris M. C. V. in Mol., 1860b, 981.—1860: Spiropt. [1860: *S. anolabiata*.]
craspedota Steiner, 1916, 333, marine.—1916: Chromadora.
crassa Büetsch., 1873a, 63, in moss.—1873: Monhystera.
crassa Deslgh., 1824e, 89, t. h. *Anas boschas* dom.; Ing.—1824: Asc. [1851: Asc. inflexa. 1861: Asc. inflexa.] 1912: Porrocæcum, mt.
crassa Linst., 1879b, 329, t. h. *Alauda arvensis*; Stuttgart.—1879: Physalopt.
crassa Linst., 1889m, 392, free and in larva of *Chironimus plumosus*; by Linst.—1889: Mermis. 1902: Paramermis, tod.
crassa Rail, & Henry, 1910, 152, t. h. *Otis tarda*; Abyssinia. 1910: Aprocta.
crassa Schlotth., 1860a, 125, t. h. *Strix brachyotos*; by Schlotth.—1860: Fil.
crassicauda Büetsch., 1873a, 10, misprint for *crassicauda* (Trichosoma).
crassicauda Mol., 1860b, 937 (29), misprint for *crassicauda* (Spiropt.).
crassicauda Bellingh., 1840a, 349, t. h. Norway rat; by Bellingh.—1840: Trichosoma. 1863: Trichoc. 1874: Trichodes, mt., tod. 1905: Trichosomoides, type.

- crassicauda* Crep., 1829b, 3, t. h. *Colymbus rufogularis*, *Anas glacialis*: by Crep.—1829: Spiropt. 1860: Disph. 1912: *Acuaria* (*Synhimantus*). 1916: *Streptocara*.
- crassicauda* Crep., 1829a, 874, t. h. *Bakena rostrata*; ad *Rujie insulæ*.—1829: Fil. [1914: *Crassicauda*, tod.] 1915: *Crassicauda*, tod.
- crassicauda* Daday, 1896, 414.—1896: *Teratoc. palustris*.
- crassicauda* Daday, 1899, 561.—1899: *Tripyla*.
- crassicauda* Daday, 1913, 267, for *crassicaudata* 1851 (*Mermis*).
- crassicauda* Mol., 1860b, 937, t. h. *Tinamus tao*, *T. strigulosus*: M. C. V., Brazil.—1860: Spiropt.
- crassicauda* Rud., 1819a, 50, t. h. *Labrus tinca*; M. V.—1819: Asc.
- crassicauda charadrii* Skrz., 1915, 698, t. h. *Vanellus cristatus*.—1915: *Streptocara*.
- crassicauda specifica* Lowenstein, 1911, 750.—1911: *Trichodes*.
- crassicaudata* Leidy, 1851c, 263, in a ditch; Penn.—1851: *Mermis*.
- crassicaudatum* Leuck., 1868a, 491, apparently for *crassicauda* (*Trichosoma*).
- crassicolis* Villot, 1875, 472, t. h. *Calidris arenaria*; Brittany.—1875: *Echinor*.
- crassidens* Man, 1880a, 46, in moist soil; Holland.—1880: *Teratoc*.
- crassispiculum* Sons., 1889c, 227, t. h. *Megalotis cerdo*; Egypt.—1889: Het. 1914: *Subulura* (*Oxynema*). 1915: *Allodapa*.
- crassissima* Ditlevsen, 1912, 219, in meadow; near Oresund.—1912: *Monhystera*.
- crassissimus* Mol., 1860c, 492, t. h. *Rhamphastos vitellinus*; Brazil.—1860: Disph. 1912: *Acuaria* (*Dispharynx*).
- crassiuacula* Nordm., 1833b, 268, for *crassiuscula* (Fil.).
- crassiuscula* Nordm., 1832a, 20, t. h. *Gadus aeglefinus*: Cuxhaven.—1832: Fil.
- crassiusculus* Duj., 1845a, 235, in water; Vilaine.—1845: *Enoplus*. 1865: *Mononchus*.
- crassoides* Jaegers., 1908, 673: Thuner See, Switz.—1908: *Dorylaimus*.
- crassoides* Lauterborn, 1913, 871.—1913: *Diplogaster*.
- crassoides* Micol., 1913, 545, aquatic; Ostalpen.—1913: *Monhystera*.
- crassus* Man, 1884a, 186, in marshy soil; Holland.—1884: *Dorylaimus*.
- crassus* Duj., 1845a, 279, t. h. *Viverra* sp.; Senegal.—1845: *Doch*. 1899: *Unc*.
- crassus* Grube, 1849a, 370; Africa.—1849: *Gord*.
- crassus* Mol., 1860c, 500, t. h. *Picus viridis*; Berl.—1860: *Disphar*.
- crenata* Schrank, 1790a, 121, t. h. *Felis catus*; Schrank.—1790: Asc.
- crenata* Zed., 1800a, 21, t. h. *Sturnus vulg.*; by Zed.—1800: *Fus*. 1809: Asc.
- crenatum* Rail., 1898b, 173, s. *verrucosum* Giles.—1898: *Gongylonema*.
- crenatus* Rud., 1809a, 95, t. h. *Sus scrofa dom. et fera*; by Gœze.—1809: *Trichoc*. 1911: *Trichuris*.
- crenulata* Brems., 1824c, 5, t. h. *Felis onça*.—1824: Asc. 1851: Asc. *leptoptera*. 1911: *Belasc*.
- crenulatus* Rud., 1809a, 238, t. h. *Colymbus septentrionalis*; Greifsw.—1809: Str. [1819: Spiropt. *colymbi*. 1860: Disph. *crassicauda*.]
- crinalis* Wedl, 1855a, 384, t. h. *Lophius piscatorius*; Trieste.—1855: *Dikentroc. mt*. [1861: *Dicentroc*.]
- criniformis* Gœze, 1782a, 106, t. h. *Ursus meles*; Germany.—1782: Asc. 1802: Str. 1845: *Doch.*, tsd. 1898: *Anchylostomum*. [1898: *Ancylostoma*.] 1899: *Anchylostomum*. 1899: *Unc.*, type.
- criniormis* Wucherer, 1869, 171, misprint for *criniformis* (*Doch.*).
- crino* Rail. & Cadiot, 1892f (g), 482 (1), t. h. dog.—1892: Asc.
- crinon* Brug., 1792a, 131, t. h. *Equus cab.*, etc.; by Chabert.—1792: Asc.
- crispinus* Stoss., 1899d, 108, misprint for *crispinus* (Str.).
- cristata* Frœl., 1802a, 9, t. h. *Mus sylvaticus*; by Frœl.—1802: *Rictularia*, mt. 1819: *Ophist.* [1845: *Laphyetes*, type.]
- cristata* Linst., 1872e, 148, t. h. *Abramis brama*: Ratzeburger-See.—1872: Asc.
- cristata* Linst., 1901b, 413, t. h. *Balearica regulorum*; Langenburg, Nyassa-See, Africa.—1901: Het. 1914: *Ascaridia*.
- cristata* Seur., 1912, 176, t. h. *dromadaire*; Algeria.—1912: Spiropt. *sexalata*. 1915: *Physoc*.
- cristatus* Bast., 1865c, 102, in moss; Falmouth.—1865: *Mononchus*.
- cristatus* Rail. & Henry, 1915, 275, serratus Linst., 1901, not 1892, renamed, t. h. *Phycistenuis*.—1915: *Spinitectus*.
- croaticus* Stoss., 1890g (h), 131 (3), t. h. *Syrnium uralense*; Bedekovcina, Croazia.—1890: *Echinor*.
- crocodili* M. C. V. in Mol., 1858c, 379.—1858: Fil.
- croci* Seur., 1914, 247, t. h. *Accipiter nisus*; Mascara.—1914: *Physalopt*.
- crotali* M. C. V. in Mol., 1861a, 548, t. h. *Crotalus horridus*.—1861: Str.
- crotali* Blainv., 1828a, 532, t. h. *Crotalus durissus*; America.—1828: *Linguatula*. 1840: *Echinor*. [1850: *Pentast. proboscideum*.]
- crotali* Rud., 1819a, 16, t. h. *Crotalus durissus*; C. E. V.—1819: *Trichosoma*. 1915: *Cap*.

- crotali-durissi* C. M. V. in Par., 1897c, 380 for *crotali* 1819.—1897: Cap.
crotophaga Daniels, 1902, 335, t. h. *Crotophaga ani*: Brit. Guiana.—1902: Fil.
crotophaga-ani M. C. V. in Mol., 1860b, 966.—1860: Spiropt.
crotophaga-majoris M. C. V. in Mol., 1860b, 940.—1860: Spiropt. [1860: *S. lanceolata*.]
crotophaga-majoris M. C. V. in Mol., 1860b, 966.—1860: Spiropt. [1860: *S. anacanthura*.]
cruciata Linst., 1902d, 29, t. h. *Metopoceros* (*Iguana*) *cornutus*; Haiti.—1902: *Atractis*.
cruciformis Cobbold, 1879b, 298, ? for *criniformis*, t. h. *Meles*; Hunterian Mus.—1879: Str.
crucis Maupas, 1900a, 578, in terre sablonneuse; Sud-Oranais. 1900: *Macrolaimus*, tod.
cruzi Trav., 1914, 154, t. h. *Bucco swainsoni*, *Melanerpes flavirostris*.—1914: *Tetrameres*. 1915: *Tetrameres* (*Microtetrameres*, tod.).
cryphali Fuchs, 1914, 195, t. h. *Cryphalus piceus*.—1914: *Tylenchus dispar*.
crypturi Rud., 1819a, 636, t. h. *Crypturus*: Brazil.—1819: *Trichosoma*. 1915: Cap.
chrysotidis Trav., 1915, 160 for *chrysotidis*.—1915: Cap. (Cap.)
cubanensis Montg., 1898a, 52; Cuba.—1898: Chord.
cuculi-cayani M. C. V. in Mol., 1860b, 943.—1860: Spiropt. [1860: *S. conocephala*.]
cucullanus Zed., 1803a, 92, t. h. *Rana temp.*; Goeze.—1803: Asc. [1803: Str. *auricularis*.]
cucullatum Hall, 1916a, 56, t. h. *Eutamias amoenus operarius*; Colo.—1916: *Heteroxynema*, mt. tod.
cucullus Linst., 1899b, 19, t. h. *Potamogale velox*; Kamerun.—1899: *Ancyracanthus*. 1916: *Galeiceps*, tod.
culicis Stiles, 1903aa, 15, t. h. *Culex sollicitans*, U. S. A.—1903: *Agamomermis*.
cunctaria Schneid., 1883, 1 [nv.].—1883: *Sphaerularia*.
cuneiformis Zed., 1800a, 22, t. h. *Cyprinus* sp.; by Zed.—1800: Fus. 1809: Asc.
cunicularii Fuchs, 1914, 205.—1914: *Tylenchus dispar*.
cuniculi Dies., 1851a, 54, t. h. *Lepus cuniculus*; Ireland.—1851: *Echinor*.
curticei Rail., 1893a, 442, emendation of *curticii* Giles, 1892, 48, t. h. *Ovis aries*; U. S. A.—1893: Str. 1909: *Cooperia*, tod. 1913: Str. (*Cooperia*).
curticii Giles, 1892d, 48, t. h. *Ovis aries*; U. S. A.—1892: Str. 1907: *Cooperia*, tod. [1909: *Cooperia*, tod.]
curvata Linst., 1883a, 291, t. h. *Perdix græca*: Turkestan.—1883: Het. 1914: *Subulura*.
curvata Westwood, 1851, 644 for *curvula* (*Oryuris* for *Oxyuris*).
curvatus Linst., 1897i, 34, t. h. *Plestiodon aldrovandi*; Coll. Königsb. Mus.—1897: *Echinor*.
curvicauda Daday, 1911, 485; [Vierwaldstatter-See].—1911: *Limnomermis*.
curvicauda Duj., 1845a, 16, t. h. *martinet* (*Cypselus*), *Hirundo rustica*: Rennes, Wien.—1845: *Trichosoma*. 1915: Cap. (Cap.).
curvicauda Oerley, 1880a (b), 85 (78) for *curvicaudata* 1866 (*Rhabditis*).
curvicaudata Schneid., 1866a, 158, in moist soil and decaying substance; Ing.—1866: *Leptodera*. 1885: *Rhabditis*.
curvidentis Fuchs, 1914, 195, t. h. *Ips curvidens*.—1914: *Tylenchus dispar*.
curvula Rud., 1803a, 6, *Trichoc. equi* renamed.—1803: *Oxyuris*, mt. 1816: *Oxyurus*. 1860: *Lepturis*, mt. 1878: *Oxiurus*. 1908: *Oxyuris equi*.
curvula (*equi*) (Schrank, 1788) Neum. & Mayer, 1914, 454.—1914: *Oxyuris*.
cuspidata Cobbold, 1874a, 125, t. h. green mona monkey.—1874: Asc.
cuspidata Rud., 1814a, 93, t. h. *Geotrupes nasicornis*; Berl.—1814: Asc. 1851: *Anguillula*. 1861: *Isacis*.
cyaneus Hoffmeister [nv.]: Waldenstroem, 1874a, 80.—1874: *Lumbricus communis*.
cyathiformis Rud., 1809a, 287, s. *barbi* Schrank, t. h. *Cyprinus barbatus*; by Schrank.—1809: *Echinor*.
cyatholaimus Daday, 1905, 66, in fresh water: Paraguay.—1905: *Dorylaimus*.
cyathostomum Dies., 1851a, 306, *lari* E. Bl. renamed, t. h. *Larus ridibundus*; by E. Bl.—1851: *Sclerost*.
cychri-rostrati Dies., 1851a, 88, t. h. *Cychrus rostratus*; Netly, Salop, teste Hope. 1840.—1851: Fil. 1851: Gord.
cyclopteri Dies., 1851a, 204, t. h. *Cyclopterus lumpus*; Ireland. 1851: Asc.
cydippes Dies., 1851a, 342, t. h. *Cydippe pileus*?; by Forbes.—1851: *Nematoideum*.
cygni Gmel., 1790a, 3033, t. h. *Cygnus*: Redi.—1790: Asc. 1803: Fus. 1809: Fil.
cygni Mol., 1858d, 154, t. h. *Cygnus olor*; Padua.—1858: *Echinocephalus*. 1861: *Hystrichis*.
cygnoides Metsch., 1867a, 542, auf verschiedenen nahe am Ufer wachsenden Algen. 1867: *Rhabdogaster*, mt.
cygnus Müell., 1773b, 47, in aqua stagnante.—1773: *Vibrio*. [1838: *Amphileptus*.]

- cylindraceum* Ward & Magath, 1917, 63, t. h. *Perca flavescens*: Lake St. Clair, Mich.—1917: *Ichthyonema*.
- cylindraceus* Goeze, 1782a, 150, t. h. *Picus erythrocr.*: by Goeze.—1782: *Echinor*.
- cylindrica* Van Cleave, 1913, 187, t. h. *Micropterus salmoides*: Pelecan Lake, Minn.—1913: *Neor*. 1914: *Eor*. 1916: *Neoechinor*.
- cylindrica* Blome, 1909, 353, t. h. *Tetrao urogallus*: by Blome.—1909: *Het*. 1914: *Ascaridia*.
- cylindrica* Leidy, 1849a, 229, t. h. *Helix alternata*: Leidy.—1849: *Asc*. 1851: *Angiost*. 1878: *Isacis*.
- cylindrica* Linst., 1883a, 289, t. h. *Petroeca cyanea*.—1883: *Aprocta*, mt.
- cylindrica* Mehl. in Crep., 1846a, 131, t. h. *Lanius collurio*: by Mehl.—1846: *Fil*.
- cylindrica* Zed., 1803a, 45, t. h. *Lanius collurio*: by Zed.—1803: *Tentacularia*. 1809: *Hamularia*.
- cylindricephalus* Mol., 1861a, 529 (105), t. h. *Amphisbana flavescens*: *Ypanema*.—1861: *Str*.
- cylindricum* Eberth, 1863a, 47, t. h. *Falco buteo*.—1863: *Trichosoma*. 1915: *Cap*.
- cylindricus* Cobb, 1913, 438, in soil: S. Cal.—1913: *Tylenchor*, mt.
- cylindrocephalus* Stoss., 1899d, 129 (75), for *cylindric*. (Str.).
- cymindis-humeralis* Dies., 1851a, 88, t. h. *Cymindis humeralis*: Wien.—1851: *Fil*. 1851: *Gord*.
- cynædi* Rud., 1819a, 58, t. h. *Labrus cynædus*; Nap.—1819: *Asc*.
- cynocephali* Mol., 1861a, 524 (100), t. h. *Cynoc. porarius*: Pa.—1861: *Str*.
- cynonycteridis* Par., 1889c, 768, t. h. *Cynonycteris amplexicaudata*: Birmania.—1889: *Asc*.
- cyprini* Stoss., 1890a, 31, t. h. *Cyprinus*.—1890: *Trichosoma*. [1890: *Trichosoma tomentosum*.]
- cyprini-aspii* Rud., 1819a, 197, t. h. *Cyprinus aspius*: Berl.—1819: *Dubium*.
- cyprini-erythrophthalmi* Rud., 1810a, 375, t. h. *Cyprinus erythrophth.*: by Braun.—1810: *Asc*.
- cyprini-idbari* Rud., 1810a, 351, for *idbari* (*Echinor*.).
- cyprini-idi* Viborg, 1795, 243 [nv.]: Lüthe, 1904f, 199, t. h. *Cyprinus idus*: Mus. Kopenhagen.—1795: *Echinor*. 1904: *Echinor*.
- cyprini-rutili* Crep., 1825a, 5, t. h. *Cyprinus rutilus*; by Crep.—1825: *Fil*.
- cyprini-rutili* Rud., 1809a, 290, t. h. *Cyprinus rutilus*: by Kölreuter.—1809: *Echinor*.
- cyprini-rutili* Rud., 1819a, 197, t. h. *Cyprinus rutilus*: Hannover.—1819: *Dubium*.
- cyprinorum* Dies., 1851a, 115, t. h. *Cyprinus carpio*.—1851: *Trichina*.
- cypseli* A. D. & E., 1901b, 24, t. h. *Cypselus affinis*: Bonny, Nigeria.—1901: *Fil*.
- cystica* Rud., 1819a, 634, t. h. *Synbranchus laticaudis*; Brazil.—1819: *Fil*. 1851: *Agamonema*.
- cystica* Salisbury, 1868a, 376, t. h. *Homo*.—1868: *Trichina*. 1879: *Fil*.
- cysticola* Crep., 1839a, 282, t. h. *Sylvia atricapilla*: by Schill.—1839: *Asc*.
- cystidicola* Lam., 1801a, 339, *farionis* renamed, t. h. *Salmo fario*; Berl.—[1798: *Cystidicola*, tat.] 1801: *Fissula*, tsd. 1809: *Ophiostoma*, type. 1819: *Spiropt*. 1845: *Disph*. 1851: *Ophiostomus*. 1866: *Ancyracanthus*.
- dacelon* Breinl, 1913, 42, t. h. *Dacelo leachii*; N. Queensland.—1913: *Fil*.
- dacnodes* Crep., 1851b, 295, t. h. *Raja clavata*, *Squalus mustelus*; Ostend.—1851: *Spiropt*. 1860: *Histioc*. 1861: *Spiroptera*. 1890: *Spiroptina*.
- dactylicum* Cobb, 1915, 112, in rotting wood of red oak; Wash., D. C.—1915: *Bunonema*.
- dactylura* Cat. RCSL, 1830, 43, for *dactyluris*; Duj., 1845a, 654—1830: *Asc*. [1845: *Atractis*, tod.] 1851: *Atractis*, tod.
- dactyluris* Cobbold, 1866b, 12, t. h. *Testudo græca*; Hunterian Mus.—1866: *Oxyuris*.
- dactyluris* Rud., 1819a, 40, t. h. *Testudo græca*: Rome.—1819: *Asc*. [1845: *Atractis*, tod.] 1894: *Atractis*.
- dactyluris granulosa* Rail. & Henry, 1912, 259, t. h. *Testudo emys*.—1912: *Atractis*.
- dadagi* Micol., [nv.]: Cobb, 1916, 196.—1916: *Mononchus* (*Mononchus*).
- dahli* Linst., 1898c, 286, t. h. *Macropus browni*: Ralum.—1898: *Cloacina*, mt.
- dahomensis* Gendre, 1911, 76, t. h. *Cricetomys gambianus*: Abomey.—1911: *Het*.
- dahomensis* Neum., 1895f, 533, t. h. *Python*: Natal.—1895: *Fil*. 1910: *Dracunculus*.
- danielis* Cam., 1894b, 4; Prov. St. Louis, Argentine.—1894: *Gord*.
- dasyacanthus* Mehl. in Crep., 1846a, 149, t. h. *Murena anguilla*; by Mehl.—1846: *Echinor*.
- dasyopidis-gilvipedis* M. C. V. in Mol., 1861a, 474 (50).—1861: *Str*. [1861: *Diploodon mucronatum*.]
- dasyopidis-gilvipedis* Mol., 1858c, 381, t. h. *Dasyopus gilvipes*; Brazil.—1858: *Fil*. [1858: *Fil. anticlava*.]
- dasyopidis-gyrni* M. C. V. in Mol., 1858c, 379.—1858: *Fil*. [1858: *F. acuticauda*.]
- dasyopidis-nigri* M. C. V. in Mol., 1858c, 379, t. h. *Dasyopus niger*; Brazil.—1858: *Fil*. [1858: *Fil. acuticauda*.]

- dasypodis-novemcincti* M. C. V. in Mol., 1858c, 379.—1858: Fil. [1858: *F. acuticauda*.]
davaini Man., 1880a, 74, for *davainii* (Tylenchus).
davainii Bast., 1865c, 126, in moss: Falmouth.—1865: Tylenchus, tsd.
debenhami Leiper & Atkinson, 1914, 223, t. h. *Trematomus bernacchii*; Antarctic.—1914: Echinor.
decalineatus Cobb, 1913, 437, on roots of *Oxycoccus macrocarpus*, in cranberry bog; N. J., Fla.—1913: Atylenchus, mt.
decipiens Duj., 1845, 512, t. h. [Sylvia] troglodyte[s]; Rennes.—1845: Echinor.
decipiens Krabbe, 1878a, 45, t. h. *Cystophora cristata*, etc.; Greenland.—1878: Asc.
decora Crep., 1846a, 131, t. h. *Strix brachyotus*.—1846: Spiropt.
decoratus Crep., 1847a, 289, t. h. *Canis vulpes*.—1847: Str. 1898: *Crenosoma*.
decorus Duj., 1845a, 78, t. h. *Alcedo insipida*; Rennes.—1845: Disph. 1851: *Histioc*. 1916: *Streptocara*.
decrusa Lane, 1914, 386, for *decrusi* (*Decrusia*).
decrusi Lane, 1914, 386, t. h. *Elephas indicus*: Travancore.—1914: *Decrusia*, tod.
dectici-albifrons Dies., 1851a, 96, t. h. *Decticus albifrons*: Sicilia.—1851: Gord.
dectici-brevipennis Dies., 1851a, 111, t. h. *Decticus brevipennis*; by Sieb.—1851: *Mermis*.
decurrens Cobb, 1917n, 454: Plant Introduction Gardens, Miami, Fla.—1917: *Mononchus* (*Sporonchulus*).
de filippii Rosa, 1881b, 572: Tiflis, Georgia.—1881: Gord. (Chord.). 1896: Chord.
deflecta Connal, 1912, 234, t. h. *Heliosciurus rufobrachiatu*; Lagos.—1912: Spiropt.
dehiscens Linst., 1905dd, 1, t. h. *Phoca foetida*; Zanzibar.—1905: Asc.
dehiscens Schneid., 1866a, 83, t. h. *Strix striata*: Dongola.—1866: Fil.
delicatissimum Geddes, 1903a, 50, t. h. *Phasianus colchicus*.—1903: *Trichosoma*.
dehiscens Hall, 1916a, 125, t. h. *Sciurus aberti* minus; Colo.—1916: *Trichostr.*
delphini Rud., 1819a, 54, t. h. *Delphinus gangeticus*: Lebeck, 1801a, 282.—1819: Asc.
delphini-gangetici Dies., 1851a, 155, for *delphini*.—1851: Asc.
de mani Rouville, 1905a, 792, free; Cete.—1905: *Monhystera*.
de mani Hofmann & Menz., 1914, 81.—1914: *Monhystera*.
de mani Oerley, 1880a (b), 69 (57).—1880: *Plectus*.
demani Steiner, 1914, 274; Gandria: Luganensee, Switz.—1914: *Dorylaimus*.
demani zur Strassen, 1894a, 461, free: Gulf of Nap.—1894: *Oncholaimus*.
demarquai Penel, 1905a, 92, misprint for *demarquayi* (Fil.).
demarquai Simon, 1907, 191, misprint for *demarquayi* (Fil.).
demarquai Galgey, 1899a, 145, for *demarquayi*, in *Homo*; W. Indies.—1899: Fil. 1907: *Microfil.*
demarquai Mans., 1897d, 1837, t. h. *Homo*: St. Vincent, W. Indies.—1897: Fil. 1914: *Microfil.* 1914: *Mikrofil.*
demarquai Zune, 1892 [nv.].—1892: Fil.
demarquai Linst. in Low, 1905d, 39, for *demarquayi* (Fil.).
demarquai zur Verth, 1909, 732, for *demarquayi* (*Mikrofil.*).
deminutus Sl. & Sw., 1912a, 330, for *deminutus*.—1912: *Triodontophorus*. 1912: *Ternidens*.
deminutus Rail. & Henry, 1905b (c), 269, t. h. *Homo*: Mayotte.—1905: *Triodontophorus*. 1909: *Ternidens*, mt. 1906: *Triodontophorus*.
dendrocalapti-procurvi Linst., 1879a, 80, for *dendrocalaptis-procurvi* (*lacrymalis*) (Fil.).
dendrocalaptis-procurvi Stoss, 1897b, 67 (55), for *dendrocalaptis-procurvi* (*lacrymalis*) (Fil.).
dendrocalaptis M. C. V. in Mol., 1858c, 399.—1858: Fil.
dendrocalaptis M. C. V. in Mol., 1858c, 425, t. h. *Dendrocalaptis procurvus*: Brazil.—1858: Fil.
dendrocalaptis-procurvi (*lacrymalis*) Mol., 1858c, 425, t. h. *Dendrocalaptis procurvus*; Brazil.—1858: Fil.
dendrophilus Marciniowski, 1908, 43, aquatic.—1908: Tylenchus.
dendrocopi Westrumb, 1821a, 40, t. h. *Dendrocopus albicollis*; Brazil.—1821: Echinor.
densareolatus Montg., 1898a, 29; Wyoming.—1898: Gord.
dentata Daday, 1894, 130 [aquatic: Balaton].—1894: *Tripyla*.
dentata Drasche 1884b, 328, t. h. *Testudo graeca*: Trieste or Coll. Wien.—1884: *Oxyuris*.
dentata Linst., 1883a, 282, t. h. *Agama sanguinolenta*, etc.; Turkestan.—1883: *Physalopt.*
dentata Linst., 1904f, 5, t. h. *Sus cristatus*; Chilaw.—1904: Spiropt. 1911: *Arduenna*.
dentata Schneid., 1866a, 315; Ing.—1866: *Leptodera*. 1880: *Rhabditis*.
dentata Zed., 1800a, 22, t. h. *Cyprinus barbatus*; by Zed.—1800: *Fus*. 1809: Asc.
dentatum Rud., 1803a, 12 of Dies., 1851a, 305 pars, of Mol., 1861a, 459 (35), in *Dicotyles albirostris*, *D. torquatus*; Brazil.—1861: *Eucyathost*. 1899: *Oesophagost*. [1851: *Sklerost*, pars.]

- dentatum* Rud., 1803a, 12, t. h. *Sus scrofa*; by Rud.—1803: Str. 1809: Str. (Sclerost.). 1828: Sclerost. 1861: Oesophagost. 1882: Sklerost.
- dentatus* Cobb, 1917n, 438, at roots of orange trees; Bahia, Brazil.—1917: Mononchus (Sporonchulus, tod.).
- dentatus* Dies., 1839a, 232, t. h. *Sus scrofa* dom.; Barra do Rio negro, Brazil.—1839: Stephanurus, mt. 1874: Str. ?1856: Sclerost.
- dentatus* Reinhard, 1881, 589; Odessa —1881: Echinoderes. 1914: Pycnophyes.
- denticaudatus* Schneid., 1866a, 54, marine; Helgoland.—1866: Enoplus. 1874: Thora-cost.
- denticulata* Cobb, 1914, 8; Cape Royds.—1914: Euchromadora.
- denticulata* Mol., 1860b, 970 (62), t. h. *Falco palumbarius*, *Merops apiaster*; M. V.—1860: Spiropt. 1912: Acuaría (Synhimantus).
- denticulata* of Simmonds, 1881-82 [nv.]; Williams, 1885a, 44.—1885: Fil.
- denticulata minor* Stewart, 1914, 175, t. h. Wallago attoo: Lucknow.—1914: Spiropt.
- denticulatum* Rud., 1814a, 89, t. h. *Mus dryas*, etc.; Europe.—1814: Ophiost.
- denticulatus* Cobb, 1917n, 438, among freshwater algæ; Zambezi River, S. Africa.—1917: Mononchus (Mylonchulus).
- denticulatus* Mol., 1860c, 495, t. h. *Falco subbuteo*; Rennes.—1860: Disph.
- denticulatus* Rud., 1809a, 249, t. h. *Muraena anguilla*.—1809: Lior. 1866: Fil. 1866: Lyor. 1909: Spiropt.
- dentifica* Linst., 1898a, 460, t. h. *Trichiurus*=*Phalangista vulpecula* (vulpina) typica; Australia.—1898: Fil.
- dentigerum* Rail. & Henry, 1906e, 448, t. h. *Anthropopithecus troglodytes*; by Weinberg.—1906: Oesophagost. 1909: Oesphagost. stephanost.
- denudatus* Duj., 1845a, 81, t. h. *Cyprinus erythrophthalmus*; Rennes.—1845: Disph. 1851: Histioc. 1889: Ancyracanthus. 1889: Ancyracanthus. 1916: Rhabd-chona, tod.
- denudatus* Rud., 1819a, 34, t. h. *Coluber tessellatus*; Mus. Wien.—1819: Str. 1917: Oswaldocruzia.
- denudata* Rud., 1819a, 641, t. h. *Tanagra*; Brazil.—1819: Spiropt.
- denutatus* Büetsch., 1873a, 23, for *denudatus* (Disph.).
- depressa* Hamm., 1838a, 354, t. h. *Cetonia aurata*.—1838: Oxyuris. 1851: Aguillula. 1853: Thelast. 1861: Anguillula (Thelast.).
- depressa* Schneid., 1866a, 82, t. h. *Corvus cornix*; Egypt.—1866: Fil. 1912: Acuaría (Acuaría). 1912: Disph.
- depressa* Zed., 1800a, 37, t. h. *Falco albicilla*; by Zed.—1800: Fus. 1809: Asc.
- depressiuscula* Stiles & Pfender, 1903a, 105 for *depressiuscula* (Trichuris).
- depressiusculus* Heine, 1900a, 780, for *depressiusculus* (Trichoc.).
- depressiusculus* Linst., 1889a, 8, misprint for *depressus* (Str.).
- depressiusculus* Rud., 1809a, 94, t. h. *Vulpes*; by Frael.—1809: Trichoc. 1889: Tricoc. 1902: Trichuris.
- depressiusculus* Schneidem., 1896a, 309, for *depressiusculus* (Trichoc.).
- depressus* Duj., 1845a, 112, t. h. *Sorex tetragonurus*; Rennes.—1845: Str. 1861: Metastr. 1909: Heligmosomum.
- depressus* Nitzsch in Gieb., 1866, 268, t. h. *Mustela foina*.—1866: Echinor.
- derjugini* Savelev, 1912, 116; Mogilnojesse.—1912: Oncholaimus.
- dermatemica* Silva Araujo, 1875, of Penel, 1905a, 11, for *dermathemica* (Fil.).
- dermathemica* Silva Araujo, 1875, 36, t. h. *Homo*; Bahia.—1875: Fil.
- [dermatitis, not as specific name, but as path. condition.—1904: Ancylostoma.]
- dermathemica* Fayrer, 1879b, 189, misprint for *dermathemica* (Fil.).
- deshayesi* Villot, 1874a, 53; Venezuela, Mus. Paris.—1874: Gord.
- devastatrix* Kuehn, 1869 [nv.].—?1869: Anguillula. 1880: Tylenchus. 1877: Anguillula. 1909: Dylenchus. Anguillulina (Tylenchus).
- de visiani* Stoss., 1898c, 138, for *de visianii* (Echinor.).
- de visianii* Mol., 1858 (1859e), 294, t. h. *Gobius paganellus*; Padua.—1858 (1859): Echinor.
- diacantha* Mol., 1858c, 381, t. h. *Hystrix* (Cercolabes) *prehensilis*, *Loncheres rufa*; Brazil.—1858: Fil.
- diacis* Leidy, 1891a, 411, t. h. *Quiscalus quiscula*; Pa.—1891: Asc.
- diadema* Baylis, 1916, 227, t. h. *Heliops angulatus*; S. America.—1916: Tanqua.
- diblastus* Oerley, 1881a, 331; New Zealand.—1881: Gord.
- didelphidis* Rud., 1819a, 53, t. h. *Didelphis murina*; C. E. V.—1819: Asc.
- didelphis* Trav., 1914, 326 (5), t. h. *Didelphys aurita*; Rio de Janeiro.—1914: Nematodirus (Mecistocirrus).

- didelphidis-virginianæ* Léidy, 1851a, 155, t. h. *Didelphis virginiana*: Ing. [U. S. A.].—1851: Spiropt.
- diesingi* Hamm., 1838a, 353, t. h. *Blatta orientalis*; by Hamm.—1838: Oxyuris.
- diesingi* Speiser, 1900b, 29, for *diesingii* (Arthror.).
- diesingii* Crep., 1846a, 158, for *diesingi* (Oxyuris).
- diesingii* Kolenati, 1856d (1857a), 13, t. h. *Myotus murinus*; teste Kolenati.—1856: Trichosoma.
- diesingii* Kolenati, 1857e, 68, on *Acrocholidia montaguei* (vexata) in Mæhren im Balge des *Myotus murinus*; by Kolenati.—1857: Arthror.
- diesingii* Mol., 1858d, 151, t. h. *Larus capistranus*; Padua.—1858: Cosmoc., mt.
- diffrens* Son., 1890k, 136, t. h. *Gallus dom.*; Pisa.—1890: Het. 1912: Subulura.
- difficilis* Montg., 1898a, 31; N. Carolina.—1898: Gord. aquaticus. 1907: Gord. villoti.
- diffluens* Zenker, 1832, 18, t. h. *Gammarus pulex*.—1832: Echinor.
- digitata* Linst., 1905t, 355, t. h. *Labrus bergylta*; Norway.—1905: Asc.
- digitata* Linst., 1906, 171, t. h. *Bos indicus*; Colombo, Ceylon.—1906: Fil. 1911: Setaria.
- digitata* Schneid., 1866a, 61, t. h. *Felis concolor*; Brazil.—1866: Physalopt.
- digitatus* Cobb, 1915, 45; Douglas Lake, Mich.—1915: Pristomatolaimus.
- digitatus* Linst., 1901b, 417, in Tümpel; Unyika-Plateau, Konde-Land, Africa.—1901: Chord.
- digitatus* Linst., 1906, 168, t. h. *Bos indicus*; Colombo.—1906: Str. 1909: Nematodirus. 1912: Mecistocirrus. 1912: Nematodirus (Mecistocirrus, tod.).
- digiturus* Cobb, 1893b, 253 (4), about roots of banana plants; Fiji.—1893: Mononchus. 1916: Iotonchus.
- dihystera* Cobb, 1893a, 814 (37), in roots of sugar cane; N. S. Wales.—1893: Tylenchus.
- dilatata* Hamm., 1847b, 287, t. h. *Cetonia marmorata*; by Hamm.—1847: Oxyuris. 1851: Thelast. 1908: Anguillula.
- dilatata* Rud., 1819a, 644, t. h. *Simia rosalia*; Brazil.—1819: Physalopt. 1845: Spiropt. 1889: Physalopt.
- dilatatus* Rail., 1884k, 454 (6), *inflatus* Schneid., t. h. bœuf.—1884: Str. 1896: Oesophagost.
- dimidiatus* Dies., 1851a, 298, t. h. *Rhea americana*; Brazil.—1851: Deletroc., mt. 1866: Str. 1899: Sclerost.
- dimidiatus major* Mol., 1861a (b), 575 (151), t. h. *Rhea americana*; Caigara, S. America.—1861: Deletroc.
- dimidiatus minor* Mol., 1861a (b), 575 (151), t. h. *Rhea americana*; Ytararé, S. America.—1861: Deletroc. 1900: Str.
- diminutus* Sambon, 1908f, 31, for *deminutus* (Triodontophorus).
- dimorphocephalus* Westrumb, 1821a, 17, t. h. *Muscicapa collaris*; Europe.—1821: Echinor.
- dintheriana* Man, 1885a, 2, in moist soil; Nederland.—1885: Monohystera.
- diomedea* Linst., 1888a (b), 6, t. h. *Diomedea brachyura*; Challenger.—1888: Asc.
- dipetala* Mol., 1858c, 373, t. h. *Platyr. pitangua*; Cuyaba, Brazil.—1858: Fil. [1861: Dipetalonema inflexum.]
- diplechma* Southern, 1914a, 55; Clew Bay.—1914: Enoplus.
- diploporus* Cobb, 1915, 28; Maple River, Mich.—1915: Tylencholaimellus, mt.
- diplogaster* Linst., 1890e, 489, t. h. *Thomiceus typhographus*; Australia.—1890: Allantonema. 1896: Anguillula. 1915: Tylenchus.
- diploodon* Stoss., 1899d, 115 (61), *Diploodon mucronatum* 1861 renamed, t. h. *Dasypus gilvipes*; Brazil.—1899: Sclerost.
- diplops* Cobb., 1894c, 401.—1894: Monhystera.
- diplopunctata* Cobb in Burgess, 1911, 71, t. h. *Carabus monilis*.—1911: Rhabditis [Rhabdites].
- dipodis* Rud., 1819a, 54, t. h. *Dipus sagitta*; C. E. V.—1819: Asc.
- dipodis-tetradactyli* Crep., 1844, 116, t. h. *Dipus tetradactylus*; by Otto.—1844: Nematodea. [1844: Nematodeum.] 1851: Nematodeum.
- dipsaci* Kühn, 1857, 50, t. h. *Dipsacus fullonum*; Poppelsdorf.—1857: Anguillula. 1859: Anguillulina. 1865: Tylenchus.
- dipsadis* Linst., 1889c, 240, t. h. *Dipsas blaudingii*; Kamerun.—1889: Echinor.
- dipsadomorphi* Linst., 1903k, 109, t. h. *Dipsadomorphus dendrophilus*; Aring, Siam.—1903: Asc.
- discolor* Linst., 1906, 173, t. h. *Bos indicus*; Colombo.—1906: Trichoc. 1911: Trichuris.
- disjuncta* Bast., 1865c, 98, marine; Falmouth.—1865: Monhystera.
- dispar* Bast., 1865c, 97, free, in moss; Falmouth.—1865: Monhystera.
- dispar* Duj., 1845a, 13, t. h. *Falco subbuteo*; Rennes.—1845: Trichosoma. 1915: Cap. (Thominx).

- dispar* Dies., 1851a, 303, t. h. *Felis concolor*; Brazil.—1851: Sclerost. 1861: Syngamus.
- dispar* Duj., 1845a, 133, t. h. *Anguis fragilis*; Rennes.—1845: Str. 1917: Oswaldocruzia.
- dispar* Fuchs, 1914, 199, t. h. *Ips typographus*.—1914: Tylenchus.
- dispar* Linst., 1904m, 380, t. h. *Erinaceus albiventris*; Nigeria.—1904: Physalopt.
- dispar* Polonio, 1860b, 22, t. h. *Corvus corax*; Ticini.—1860: Fil. 1860: Trichina.
- dispar* Rud., 1802a, 5, t. h. *Homo*; Greifsw.—1802: Trichoc. 1871: Tricoc. 1899: Tricocefalus. 1883: Trichokephalus. [1866: Trichinalis.] 1907: Trichocephalus.
- dispar* Rud., 1809a, 119, t. h. *Phoca foetida* P. *greenlandica*; by Fabr.—1809: Ophiost.
- dispar* Schlotthauber, 1860a, 127.—1860: Oxyuris.
- dispar* Schrank, 1790a, 120, t. h. *Anser dom.*; Schrank.—1790: Asc. 1800: Fus. 1809: Asc. 1845: Het. 1858: Heteracis.
- dispar ateri* Fuchs, 1914, 205.—1914: Tylenchus.
- dispar cryphali* Fuchs, 1914, 195, t. h. *Cryphalus piceæ*.—1914: Tylenchus.
- dispar cunicularii* Fuchs, 1914, 205.—1914: Tylenchus.
- dispar curvidentis* Fuchs, 1914, 195, t. h. *Ips curvidentis*.—1914: Tylenchus.
- dispar typographi* Fuchs, 1914, 195, t. h. *Ips typographus*.—1914: Tylenchus.
- distans* Rud., 1809a, 128, t. h. *Simia sabæa*; Berl.—1809: Asc. 1845: Asc. (Anisakis). 1866: Het. 1912: Subulura.
- diurna* Mans., [1891c, 342:] 1891g, 203, t. h. *Homo*; W. Africa.—1891: F. *sanguinis hominis*. 1891: Fil. 1900: F. *sanguinis*. 1906: Microfil. 1908: Mikrofil.
- diversipapillatus* Daday, 1905, 53; Paraguay.—1905: Trilobus.
- dobula* Schrank, 1799a, 123, in Cypripidae generis compluribus piscibus; by Schrank.—1790: Echinor.
- dochmii-trigonocephali* Scheib., 1880a, 173.—1880: Rhabditis.
- doqeli* Skrj., 1916, 74, in Bufonidae; Brit. E. Africa.—1916: Oxyatomium.—1916: Oxysona.
- dolichoecera* Stoss., 1902c (d, e), 7, t. h. *Circus spilothorax*; N. Guinea.—1902: Het. 1914: Ascaridia.
- dolichodorus* Man. 1906, 164, macrodorus of Vaihä & Stoklasa, 1896, not Man, 1880, renamed.—1906: Dorylaimus.
- dolichoposthius* Savelev, 1912, 123; Catharinahafen, Mogilnojesees.—1912: Aræolaimus.
- dolichosoma* Stoss., 1902e, 11, t. h. *Dicotyles* sp.; Rio Peripa.—1902: Fil.
- dolichura* Man, 1876a (b), 177; Leiden.—1876: Monhystera. 1880: Alaimus.
- dolichura* Schneid., 1866a, 315; Ing.—1866: Leptodera. 1873: Rhabditis.
- dolichurus* Man, 1880a, 32, in moist soil; Holland.—1880: Prismatolaimus.
- dolichurus* Ditlevsen, 1912, 228, in boggy regions; Jutland.—1912: Mononchus. 1916: Anatonchus.
- dolichurus* Savelev, 1912, 121; Kolafjord, Catharinahafen.—1912: Halichoanolaimus.
- dolichurus bulbosus* Daday, 1896, 413.—1896: Prismatolaimus.
- domus-glauci* Cobb, 1893b, 294 (45), among moss on the walls of the Casa Poeta, Italy.—1893: Dorylaimus.
- donglana* Hempr. & Ehrenb., 1828a, pl. 1 fig. 13.—1828: Vibrio. 1828: Anguillula.
- dorcadis* Rud., 1819a, 37, t. h. *Antilope dorcas*; C. E. V.—1819: Str.
- doræ* Cam., 1890b, 128, t. h. *Acanthodis*; Birmania.—1890: Gord.
- dorylaimus* Mar., 1870a, 27, free; Pharo, Endoume.—1870: Thoracost.
- dorylaimus* Villot, 1875a, 466; Med.—1875: Leptosomatium.
- doryuris* Ditlevsen, 1912, 251; Lynaës, etc., Denmark.—1912: Dorylaimus.
- douglassi* Gedælst, 1911a, 120, for douglassii.—1911: Str. 1915: Trichostr.
- douglassii* Cobbold, 1882d, 184, t. h. *Struthio camelus*; S. Africa.—1882: Str. [1915: Trichostr.]
- dracunculoides* Cobbold, 1870b, 10, t. h. *Proteles cristatus*; [S. Africa].—1870: Acanthocheilonema, mt.
- dracunculus* [Grundler, 1740a, 329:] Chisholm, 1815a, 145. See *medinensis*, t. h. *Homo*.—1740: Vena. 1815: Malis. 1819: Fil.
- dragunculus* Martin, 1852a, 257, misprint for *dracunculus* (Fil.).
- draschei* Stoss., 1896a, 24 (18), s. serrata *Drasche*, t. h. *Vastres cuvieri*; Ing.—1896: Asc.
- draschei* Stoss., 1898c, 84, t. h. *Testudo græca*; Trieste.—1898: Oxyuris.
- drassi* Linst., 1883a, 302, t. h. *Drassus* sp. ?; Turkestan.—1883: Mermis.
- drassi-fusci* Dies., 1851a, 87, t. h. *Drassus fuscus*; Ing. by Grube.—1851: Gord.
- drassi-lucifugi* Dies., 1851a, 87, t. h. *Drassus lucifugus*; Mus. Wien.—1851: Fil. 1851: Gord.
- drepanopsetta* Linst., 1901e, 276, t. h. *Drepanopsetta platessoides*; Murman-Meer, O. Lica.—1901: Asc.
- droumondi* Trav., 1915, 153, t. h. *Cygnus melanocoryphus*; Zool. Gard., Rio de Janeiro.—1915: Cap. (Cap.).

- dryophila* Leuck., 1887 [nv.], [in dem weissen Schleimfluss der Eichen]; Man. 1910. 361.—1888: Rhabditis. 1910: Anguillula aceti.
- dubia* Büetsch., 1873a, 60, free on water plants; F. a. M.—1873: Monhystera.
- dubia* Büetsch., 1873a, 72, in moss; by Büetsch.—1873: Chromadora.
- [*dubia* Crep., 1844a, 125, not as specific name (Asc.).]
- [*dubia* Crep., 1846b, 166, apparently not as specific name (Fil.).]
- dubia* Leidy, 1856b, 52, t. h. *Bufo americanus*, *Salamandra rubra*: by Leidy.—1856: Oxyuris.
- dubia* Leidy, 1856b, 55, t. h. *Diomedea exulans*: S. Atlantic.—1856: Fil.
- dubia* Linst., 1907, 172, for *dubiosa* 1903 (Chromadora).
- dubia* Stoss., 1897b, 85, t. h. *Falco swainsonii*; Brazil.—1897: Fil.
- dubia* Trav., 1917, Bm, 149, t. h. *Atilla cinerea*.—1917: Cap. (Thominx).
- dubini* Cond.-Franc., 1892e, 173, t. h. *Homo*; by Dubini.—1892: Fil.
- dubiosa* Daday, 1903, 336; Przewalsk.—1903: Chromadora.
- dubiosus* Büetsch., 1874b, 284; Kieler Bucht.—1874: Cyatholaimus.
- dubium* Kowal., 1894a (b), 226; Dublany.—1894: Trichosoma.
- dubius* Büetsch., 1873a, 39, t. h. roots of *Centaurea cyanus*: Ing.—1873: Tylenchus.
- dubius* Maupas, 1900a, 555, in terreau; Alger.—1900: Cephalobus.
- dubius* Schlotthauber, 1860a, 128, t. h. *Equus cab.*: by Schlotth.—1860: Helminz nematoideus.
- dubius* Steiner, 1914, 268, trockene Ackerbau; Switz.—1914: Aphelenchus.
- dubius* Weyenbergh, 1879, 217.—1879: Gord.
- duges* Cam., 94: 1904, Vera-Cruz.—1904: Chord.
- dugonis* Dies., 1851a, 191, t. h. *Halicoris dugung*; Red Sea.—1851: Asc.
- dujardini* Maupas in Seur., 1916, 341, entomelas of Duj. renamed.—1916: Angiost. 1916: Rhabdias.
- dujardini* Rail. & Henry, 1916, 249, brevicaudata of Duj., not (Zed.) Mayer, 1841, in Gecko, renamed.—1916: Oxyuris.
- dujardini* Steiner, 1915, 237 for *dujardinii* 1877 (Oncholaimus).
- dujardini* Trav., 1914, 429: 1915, 153, t. h. *Columba livia dom.*, etc.—1914: Cap. 1915: Cap. (Cap.)
- dujardinii* Bast., 1865c, 149, tide pools; Falmouth.—1865: Enoplus.
- dujardinii* Clap., 1863, 90; St. Malo.—1863: Echinoderes.
- dujardinii* Man. 1877a, 94, littoral occidental de la France.—1877: Oncholaimus.
- dumerili* Rail. & Henry 1915, 450, for *dumerilii*, t. h. *Emys picta*; Mus. Paris.—1915: Camallanus.
- dumerili* of Linst., 1897, 615.—1897 and 1915: Cucullanus. [1915: Camallanus confusus.]
- dumerilii* Perrier. 1871c, 8, t. h. *Emys picta*; Mus. Par.—1871: Cucullanus. [1915. Camallanus.]
- duodenaes* Wucherer, 1868a, 150, for duodenale.—1868: Anchylostomos. [1868: Ancylostoma.]
- duodenale* Dubini, 1843a, 5, t. h. *Homo*; Italy.—1845: Agchylostoma, mt. 1845: Ancylostoma, mt. 1846: Ancylostoma. 1846: Agchylostoma. [1851: Ancylostomum.] 1851: Ancylostomum. 1852: Ancylostomum. 1861: Ancylostomum. 1861: Ancylostomom. 1864: Sclerost. 1866: Str. 1867: Doch. 1868: Doemius. 1874: Anchylostoma. 1877: Anchylostoma. 1878: Doemius. 1878: Str. (Doch.). 1880: Ancylostomum. 1882: Ancylostoma. 1882: Anchylost. 1883: Ancylostoma. 1885: Ancylostoma. 1885: Unc. 1886: Str. (Ancylostomum). 1887: Doch. (Anchylostoma). 1897: Ancylostomum. 1899: Ancylostomum (Doch.). 1901: Ancylostoma. 1908: Ancylostomum. 1909: Doemius. 1916: Ancylostoma (Ancylostoma, type).
- duodenale* Robledo, 1909, 603, misprint for duodenale (Ancylostoma, Ancylostoma).
- duodenalis americana* (Stiles, 1892) Anders, 1903, 1250.—1903: Unc.
- duodenalia* da Rocha, 1868a, 179, for duodenale (Ancylostomata).
- duodenale* Wucherer, 1868(?) 227, misprint for duodenale (Anchylostoma).
- duodenalis hominis* (Leichtenstern, 1898) Pöppel, 1897a, 10.—1897: Doch.
- duodenate* White, 1866b, 427, misprint for duodenale (Ancylostomum).
- duodenojejunale* Leichtenstern, 1886c, 238(27), duodenale renamed.—1886: Ancylostoma. [1886: Ancylostoma.] 1905: Ancylostomum.
- dussumierii* Ben., 1870a, 362, t. h. *Delphinus* sp.; à l'ouest des îles Maldives.—1870: Asc. [1845: Anisakis,? type.]
- duthiersi* Maupas, 1900a, 513, terreau noirâtre; Bône.—1900: Rhabditis.
- dyspnoos* Gmel., 1790a, 3035, t. h. *Rana* temp.; Göze, 1782a.—1790: Asc.
- dytiscorum* Legrand, 1856, 274, [nv.]; 1858a, clxxxv; t. h. *Dytiscus marginalis*.—1856: Gord.
- eberthi* Bast., 1865c, 141, about roots of *Corallina officinalis*, tide pools; Falmouth.—1865: Anticoma, tsd.

- ecaudata* Duj., 1845a, 204, t. h. *Muraena conger*; Rennes.—1845: Asc.
- ecaudata* Oerley, 1882b, 312, t. h. *Lamprotornis aeneus*; Brit. Mus.—1882: Fil.
- ecaudis* Ehrenb., 1854, pl. 35B, in moss-dirt; from Monte Rosa, Alpes.—1854: Anguillula.
- echinata* Linst., 1878b, 235, t. h. *Alburnus lucidus*; Ing.—1878: Fil. 1909: Spiropt. 1915: Spinitectus.
- echinata* Rud., 1819a, 47, t. h. Gecko, *Lacerta* (Gecko) *stellio*; Algeciras, Mus. Wien.—1819: Asc.
- echinatus* Dies., 1851a, 222, t. h. *Mergus albellus*; M. C. V.—1851: Spiropt. 1860: Disph.
- echinatus* Linst., 1901b, 417; Langenburg, Nyassa-See, Africa.—1901: Chord.
- echinatus* Rud., 1809a, 98, *lacertæ* renamed, t. h. *Lacerta apus*; by Pall.—1809: Trichoc. [1819: *Sclerotrichum*, mt.] 1840: *Sclerothericum*. 1845: *Sclerotrichum*, type.
- echini* Leyd., 1854a, 291, t. h. *Echinus escul.*; by Leyd.—1854: *Oncholaimus*. 1857: *Oncholæmus*.
- echinodiscus* Dies., 1851a, 36, t. h. *Myrmecophaga jubata*, M. *bivittata*; Brazil.—1851: Echinor. 1892: *Gigantor.*, tsd.
- echinodon* Mar., 1870a, 26.—1870: Thoracost., ? tsd.
- echinophallus* Nitzsch in Crep., 1849, 58, t. h. *Camelus dromedarius*.—1849: Trichoc.
- echinophyllus* Rail., 1893a, 483, for *echinophallus* 1849 (Trichoc.).—1893: Trichoc. 1911: Trichuris.
- echinurus* Dies., 1853a, 34, t. h. *Tenebrio molitor*.—1853: *Mastophorus*, probably type.
- echinurus* Linn., 1766, 146 [nv.]; Pall., 1781c, 63.—1781: *Lumbricus*.
- edentata* Cobb, 1914, 8, Bay; Cape Royds.—1914: *Spilophora*.
- edentatum* Looss, 1900c, 153, t. h. *Equus* cab.; Tokio & Coll. Spengel.—1900: *Sclerost*. 1909: Str. 1909: *Sklerost*.
- edentatus* Linst., 1900a, 127: Eismeer, nördlich Spitzbergen.—1900: *Enoplus*.
- edontatum* Looss, 1901a (1902), 50, misprint for *edentatum* (*Sclerost*.).
- edulis* Pall., 1774, 10 Herbst, 1787a, 31.—1774: *Lumbricus*.
- effilata* Linst., 1897i, 30, t. h. *Tragulus pygmaeus*; Madagascar.—1897: Fil. 1911: *Setaria*.
- [*effractores* of authors: Huber, 1896a, 585, not as specific name.—1896: *Lumbrici*.]
- egyptiaca* Fayrer, 1876, 552; 1879b, 189; see s. h. *ægyptiaca*.—1876: Fil. *sanguinis hominis*. 1876: F. s. *hominum*.
- elaboratus* Cobb, 1906, 164, about roots of diseased cane; Hawaii.—1906: *Dorylaimus*.
- elachista-cygnipenellæ* Dies., 1851a, 105, t. h. *Elachista cygnipenella*; by Heyden.—1851: Fil. 1851: Gord.
- elaineæ* Linst., 1899a, 360, t. h. *Elainea albiceps*; Argentina.—1899: Fil.
- elegans* Bast., 1865c, 165, marine surface mud; Falmouth.—1865: *Spiliphora*, tsd. 1875: *Spilophora*, tsd.
- elegans* Dies., 1851a, 35, t. h. *Cebus sciureus*, etc.; Brazil, M. C. V.—1851: Echinor. [?1915: *Prostenorchis*, mt.]
- elegans* Gendre, 1909, xxxvi (6), t. h. *Chamaeleon gracilis*; Labé, Fr. Guinee.—1909: Het. 1914: Het. (*Strongyluris*).
- elegans* Hagmier, 1912, 553, t. h. *Decticus*, *Stenobothrus*, and free; Pforzheimer Fundplatz.—1912: *Mermis*.
- elegans* Man, 1876a (b), 133 (56), free; Walcheren.—1876: *Tylenchus*.
- elegans* Man, 1880a, 86, in sand; Holland.—1880: *Dorylaimus*.
- elegans* Man, 1888a, 16; North Sea.—1888: *Aræolaimus*.
- elegans* Man, 1907, 33; Zealand.—1907: *Aegialoalaimus*, mt.
- elegans* Maupas, 1900a, 477, humus gras; Alger.—1900: *Rhabditis*.
- elegans* Micol., 1913, 114, aquatic; Lunzer Untersee, Ostalpen.—1913: *Aphelenchus*.
- elegans* Olfers, 1816a, 58, t. h. *Mergus merganser*.—1816: Str. 1893: *Hystrichis*. 1909: *Eustrongylides*.
- elegans* Olfers, 1819 [? see Dies., 1851].—[1851: Echinor.] 1915: *Prostenorchis*, type.
- elegans* Zed., 1800a, 91, t. h. *Lucioperca*; Ing.—1800: *Cucullanus*. [1915: *Camallanus*, tod., see *lacustris*.]
- elegans* Oerley, 1885a, 102, t. h. *Hexanchus griseus*; by Oerley.—1885: *Spiropterina*.
- elegantissima* Stoss., 1902c (d, e), 10 (70, 10), t. h. *Ratelus capensis*; Eritrea.—1902: *Physalopt*.
- elephantis* Rud., 1819a, 36, t. h. *Elephas indicus*; C. E. V.—1819: Str.
- elephantis* Cobbold, 1879b, 393, for *elephanti* (Str.).
- elephantis* Dies., 1851a, 560, t. h. *Elephas indicus*; Boston Mus., Jackson, 1847a, 317.—1851: Asc. [1851: Asc. *lonchoptera*.]
- elephantis-indici* Dies., 1851a, 176, quotes Brems., 1811a, 25, t. h. *Elephas indicus*; Geneva.—1851: Str.

- ellipticus* Mol., 1858d, 152, t. h. Falco nisus; Padua.—1858: Disph. 1912: Acuaria (Synhimantus).
- elongata* Baird, 1858a, 225, t. h. Siredon mexicanus; Brit. Mus.—1858: Leptodera. 1885: Rhabditis.
- elongata* Büetsch., 1874b, 262, in Kieler Bucht.—1874: Monhystra.
- elongata* Büetsch., 1874, 270, free, marine; bei Sylt.—1874: Oxyt., mt. tod.
- elongata* Leidy, 1851c, 263, in a ditch; N. J.—1851: Mermis.
- elongata* Rud., 1819a, 26, t. h. Sterna nigra; Mus. Wien.—[1811: Acuaria.] 1819: Spiropt. 1861: Disph. 1866: Fil. 1912: Acuaria.
- elongata* Rud., 1819a, 650, t. h. Simia beelzebul; Brazil.—1819: Asc.
- elongata* Schneid., 1866a, 156, in moist soil; Ing.—1866: Leptodera. 1880: Rhabditis.
- elongata* Seur., 1914, 224, t. h. Dipodilla campestris; Bou-Saâda.—1914: Allodapa.
- elongatum* Looss, 1900c, 188, t. h. Equus; Egypt.—1900: Cyathost. 1901: Cylichnost. 1911: Cylicost.
- elongatum* Bast., 1865c, 145, marine; Falmouth.—1865: Leptosomatum, tod.
- elongatus* Bast., 1865c, 155, tide pools; Falmouth.—1865: Linhomœus. 1907: L. (Eulinhomœus, tod.).
- elongatus* Duj., 1845a, 127, t. h. Sus scrofa; by Rayer; Mus. Paris.—1845: Str. 1911: Metastr.
- elongatus* Duj., 1845a, 234, sea water; St.-Malo.—1845: Enoplus.
- elongatus* Man, 1880a, 41, in moist soil; Holland.—1880: Cephalobus.
- elongatus* Man, 1876a (b), 96 (19).—1876: Dorylaimus.
- elongatus* Man, 1906, 157, in terre sablonneuse; Walcheren.—1906: Alaimus.
- elongatus* Man, 1907, 239, free; Veere, Ierseke.—1907: Cyatholaimus.
- elongatus* Panceri, 1878, 3, marine.—1878: Desmoscolex.
- elongatus* Rud., 1819a, 177.—1819: Anthoc. 1879: Acanthoc. (lapsus).
- elongatus* Southern, 1914a, 21; Blacksod Bay.—1914: Cricolaimus, mt.
- elongatum subangensis* Steiner, 1915, 226, marine; Sumatra.—1915: Leptosomatum.
- elpatiewskyi* Daday, 1901, 34.—1901: Diplogaster.
- elvira* Par., 1889c(1890), 771(7), t. h. Sciurus rufigenis; Monte Mouleyit, Birmania.—1889: Rictularia.
- emarginatus* Cobb, 1893a, 814(37), soil; N. S. W.—1893: Tylenchus.
- emarginatus* Man, 1880a, 42, in moist soil; Walcheren.—1880: Cephalobus.
- emarginatus* Villot, 1884, 45 [nv.].—1884: Gord.
- ematica* Galeb & Pourquier, 1877d, 140, for hæmatica.—1877: Fil. 1897: Fil. papilliosa.
- emberizæ* Rud., 1819a, 55, t. h. Emberiza hortulana; C. E. V.—1819: Asc.
- emberizæ* Rud., 1819a, 673, t. h. Emberiza braziliana; Brazil.—1819: Echinor.
- emeryi* Cam., 1895a, 6; Grandes îles de la Sonde.—1895: Gord. 1897: Paragord.
- emma* Stoss., 1897b, 38 (26), t. h. Calotes emma; Birma.—1897: Fil.
- emmerezi* Gedoelst, 1903a, 48, for emmerezii (Spiropt.).
- emmerezii* Emmeretz de Charmoy & Mégn., 1901a, 933, t. h. Gallus dom.; Isle Maurice.—1901: Spiropt.
- empodius* Skrz., 1913, 411, t. h. Ardea cinerea; Russian Turkestan.—1913: Gigantor.
- emydis* Leidy, 1851b, 207, t. h. Emys geographica; by Baird.—1851: Echinor. 1913: Neor. 1914: Eor. 1916: Neoechinor.
- emydis-lutariæ* Sieb., [nv.]; Kœll., 1843a, 85.—1843: Cucullanus.
- engraulidis* Stoss., 1887d(e), 189 (6), t. h. Engraulis encrassicholus; Trieste.—1887: Agamonema. 1896: Asc.
- ensicaudata* Leidy in Stiles & Hass., 1894e, 340, misprint for ensicaudata (Asc.).
- ennomi-crataegatæ* Dies., 1851a, 105, t. h. Ennomos crataegata; Middlesex.—1851: Fil. 1851: Gord.
- ensicauda* Daday, 1911, 486; [Vierwaldstetter-See].—1911: Limnomermis.
- ensicaudata* Zed., 1800a, 21, 38, t. h. Turdus merula; by Zed.—1800: Fus. 1809: Asc. [1899: A. heteroura.]
- ensiculiferus* Cobb, 1893b, 296 (47), in soil about roots of banana plants; Fiji.—1893: Tylencholaimus.
- entomelus* Duj., 1845a, 10, t. h. Mustela foina; Rennes.—1845: Trichosoma. 1915: Cap. (Cap.).
- entomelus* Duj., 1845a, 262, t. h. Anguis fragilis; Rennes.—1845: Angiost. 1916: Rhabditis. 1916: Rhabdias.
- entomelus* Leidy, 1851b, 206, t. h. Rana halcina; Ing. [U. S. A.].—1851: Asc.
- entzi* Szuets, 1912, 81 (parasitic).—1912: Pseudorhabditis, n. g., mt. [nv.].
- entzii* Daday, 1894, 135, [free; Balaton].—1894: Ironus.
- epeiræ-ceropegia* Dies., 1851a, 87, t. h. Epeira ceropegia; Ing., by Duval.—1851: Gord.
- epeiræ-diademæ* Dies., 1851a, 86, t. h. Epeira diadema; by Roesel, Ing.—1851: Gord.
- eperlani* Linst., 1878b, 237, t. h. Osmerus eperlanus; Ing.—1878: Asc.

- eperlani* Rud., 1809a, 313, t. h. *Salmo eperlanus*; by Martin.—1809: *Echinor.*
ephemeridarum Linst., 1892a, 326, t. h. *Ephemera vulgata*, *Oligoneuria rhenana*;
 Gøett.—1892: Fil. 1909: *Spiropt.*
ephippigeræ-perforatæ Dies., 1851a, 96, t. h. *Ephippigera perforata*; Wien Mus.—1851:
 Fil.
epistomum Piana in Piana & Stazzi, 1900a (b), 467 (6), t. h. *Elephas*.—1900: *Sclerost.*
 1914: *Choniangium*, tod.
equi Gmel., 1790a, 3039, t. h. *Equus* cab.; Müell.—1790: Fil. 1910: *Hamularia.*
equi Martini, 1903e, 351, t. h. *Barbapony*; Berl., from Togo.—1903: Fil. *sanguinis.*
equi Nitzsch of Nordm., 1832a, 12, t. h. *Equus* cab.; Halle.—1832: Fil. *oculi.*
equi Place, F. E., 1914, 1240.—1914: *Habronema.*
equi Rud., 1809a, 125, t. h. *Equus*; Gøeze, 1782a.—1809: *Asc. gigas.*
equi Rud., 1809a, 125.—1809: *Asc. lumbricoides.*
equi Schrank, 1788a, 7, t. h. *Equus* cab.; Gøeze, 1782a.—1788: *Trichoc.* 1791:
Trichuris. 1803: *Mastigodes.* 1849: *Oxyuris.* 1914: *Oxyuris curvula.*
equi Schrank, 1788a, 4, t. h. *Equus* cab.; Gøeze, 1782a.—1788: *Asc.* 1809: *Asc.*
lumbricoides. 1851: *Asc. megaloc.*
equi Sons., 1876 [nv.], t. h. *Equus* cab.; Egypt.—1876: Fil. *sanguinis.* 1911: *Microfil.*
sanguinis.
equi Zed., 1803a, 90, *equinus* renamed, t. h. *Equus* cab.—1803: *Str.*
equi africani Martini, 1903s, 351.—1903: Fil. *sanguinis.*
equi-caballi Dies., 1851a, 332, in *Equus* cab.; by Dick, 1836.—1851: *Nematoideum.*
equi-caballi Dies., in Herm., 1841b, 199.—1841: *Trichina reticulata.*
equi-caballi Peschel, 1844, [nv.]; Dies., 1851a, 332, t. h. *Equus* cab.; Dresden.—1851:
Nematoideum.
equi curvula (Rud., 1803) Gough, 1908, 3, in *Equus*.—1908: *Oxyuris.*
equi mastigodes (Nitzsch, 1857a) Galli-Val., 1901c, 362.—1901: *Oxyuris.*
equi mastigoides Gough, 1908, 3, for *equi mastigodes*.—1908: *Oxyuris.*
equi sanguinis africana Balfour, 1910, 98, same as *sanguinis equi africana*.—1910:
Microfil.
equie Francis, 1894e, 451, misprint for *equina* (Fil.).
equini Willach, 1892a, 361, t. h. *Equus* cab.; Germany.—1892: *Rhabditi oculi.*
equinus Cast. & Chalm., 1910a, 1188 misprint for *equinus* (Gord.).
equinus Abildg., 1789a, 49, t. h. *Equus* cab.—1789: Gord. 1849: Fil. 1893: *Seta.*
 1911: *Setaria*, type.
equinus Müell., 1780, pl. 42 [nv.]; 1784a, 6, t. h. *Equus* cab.; [Europe].—1780 or 1784:
Str. 1802: *Srungylus.* [1809: *Sclerost.*, tsd.] 1828: *Sclerost.*, tsd. 1905: *Stron-*
gillus.
equorum Gøeze, 1782a, 63, t. h. *Equus* cab.; Germany.—1782: *Asc.* 1800: *Fus.*
lumbricoides.
equorum Zed., 1800a, 72, *equinus* renamed, t. h. *Equus* cab; Europe.—1800: *Str.*
equinum Krabbe, 1866e, 40, for *equinum* (*Sclerost.*).
erecta Mol., 1860b, 927, t. h. *Thamnophilus guttatus*; Brazil.—1860: *Spiropt.* 1861:
Cheilospirura. 1897: *Spiropt.*
eremita Leidy, 1886e, 310, t. h. *Meles labradorica*; Wyoming.—1886: *Monopetalom-*
nema.
erinacei Chatin, 1876a, 801, t. h. *Erinaceus europæus*; Ing.—1876: *Spiropt.*
erinacei C. E. V. in Rud., 1819a, 8, t. h. *Erinaceus vulg.*; C. E. V.—1819: Fil. 1851:
Str.
erinacei Rud., 1819a, 14, t. h. *Erinaceus europæus*; C. E. V.—1819: *Trichosoma.*
 [1915: *Cap.*]
erinacei Sons., 1896m, 438, t. h. *Erinaceus auritus*; Egypt.—1896: Fil.
erinacea Trav., 1915, 159, for *erinacei* Rud., 1819.—1915: *Cap.*
erinacei Rud., 1793a, 22, t. h. *Erinaceus europæus*; by Rud.—1793: *Hæruca.* 1904:
Echinor.
erinacei abdominalis Rud., 1819a, 76, t. h. *Erinaceus europæus*; C. E. V.—1819:
Echinor.
erinacei subcutaneus Rud., 1819a, 76, t. h. *Erinaceus europæus*; C. E. V.—1819:
Echinor.
eririo vari M. C. V. in Mol., 1861a, 542 (118); Brazil.—1861: *Str. colubri.*
eristata Linst., 1872e, 154, misprint for *eristata* (*Asc.*).
erraticus Linst., 1876a, 10, t. h. *Lacerta vivipara*; by Linst.—1876: *Aphelenchus.*
ersilia Stoss., 1896, 124, t. h. *Python molurus*; India.—1896: *Str.* 1909: *Diaphanoc.*
 1899: *Sclerost.*
eruca Panceri, 1878, 6, marine.—1878: *Echinoderes.*
eruca Schrank, 1829 [nv.]; Ehrenb., 1838a, 83.—1829: *Vibrio.* [1839: *Enchelys.*]
 [eruca Werner, 1782a, 24, very doubtful whether this can be construed as a specific
 name.—1782: Gord.]

- [*erucarum* Werner, 1782, 6, very doubtful whether this can be construed as a specific name.—1782: Gord. 1788: Fil. 1815: Gord. (Fil.).]
- erythrophthalma* Schneid., 1906c, 29, free; Gulf of Finland.—1906: Chromadora.
- erythrophthalmus* Linst., 1896a, 11, free; Uschuaia.—1896: Enoplus.
- erythropros* Carter, 1859b, 42, in clots of *Oscillatoria*, in salt water drains: Isl. of Bombay.—1859: Urolabes.
- esophagea bovis* Perronc., 1882a, 331 see *scutata esophagea bovis* (Fil.).
- estercoræ* de Oliveira, 1904, 332, for *stercoralis* (Anguillula).
- esuriens* Duj., 1845a, 270, t. h. *Pleuronectes latus*, P. soleæ; Paris, Rennes.—1845: Dacnitis, tsd. 1884: Cucullanus.
- ettersbergensis* Man, 1885a, 13, in moist Ettersberg soil; Central Germany.—1914: *Dorylaimus*.
- eunectis-scytalis* Mol., 1858c, 430, t. h. *Eunectes scytale*; Caiçara, Brazil.—1858: Fil.
- eupemphigis-marmorati* Mol., 1858c, 431, t. h. *Eupemphix marmoratus*; Caiçara, Brazil.—1858: Fil.
- euprepia-cajæ* Dies., 1851a, 104, t. h. *Euprepia caja*; by Werner.—1851: Fil. 1851: Gord.
- euprepia-jacobææ* Dies., 1851a, 104, t. h. *Euprepia jacobææ*; by Germar.—1851: Fil. 1851: Gord.
- euproctus* Blgr., 1917, 204, t. h. *Equus cab.*; Birmingham.—1917: Cylichnost.
- euricaudata* Clerc, 1905, 32, misprint for *ensicaudata* (Asc.).
- euryoptera* Sieb., 1854, 113, for *euryoptera* (Spiropt.).
- eurrhyparæ-urticatæ* Baird, 1853a, 113, t. h. *Eurrhypara* (*Botys*, *urticata*; Eng.—1853: Gord.
- eurycera* Seur., 1914, 390, t. h. *Perdix rouge*; Corsica.—1914: *Cyrnea*, tpd.
- eurydorys* Ditlevsen, 1912, 244; Varde Aa.—1912: *Dorylaimus*.
- euryoptera* Rud., 1819a, 26, t. h. *Lanius collurio*, etc.; M. C. V.—1819: Spiropt. 1912: Acuarina. 1913: Viguiera, tod.
- euzina* Linst., 1903u, 270, t. h. *Pelecaneus minor*; Petrograd Mus.—1903: Asc.
- evaginabilis* Lûhe, 1912, 276, apparently lapsus for *invaginabilis*.—1912: Arhythmor.
- evaginata* Smith, A. J., 1908a, 267, for *evoluta*.—1908: Oxyuris.
- evansi* Lewis. 1882b, 63, t. h. camel; Dera Ismeil Khan.—1882: Fil. 1916: Microfil.
- evoluta* Linst., 1899b, 20, t. h. *Hystrix brachyura*; Ing.—1899: Oxyuris.
- exacanthus* Duj., 1845a, 536 lapsus for *hexacanthus* (*Echinor.*).
- excisa* Mol., 1860b, 932, t. h. *Ciconia maguari*; Brazil.—1860: Spiropt. 1914: *Cyrnea*.
- excisus* Jægers., 1909, 3, t. h. *Phalacrocorax carbo*, P. *pygmæus*; M. V.—1909: *Eustrongylides*.
- exigua* Gœldi, 1887, [nv.]; 1889a, 266.—1889: *Meloidogyne*, tod.
- exiguum* Duj., 1845a, 9, t. h. *Erinaceus europæus*; Rennes.—1845: *Trichosoma*. 1915: Cap. (Cap.).
- exiguus* Linst., 1901e, 279, t. h. *Engraulis encrasicholus*; Black Sea, Jalta.—1901: *Echinor*. [1907: *Echinoma*.]
- exiguus* Man, 1876a (b), 131 (54).—1876: *Tylenchus*.
- exile* Duj., 1845a, 15, t. h. *Turdus merula*; Rennes.—1845: *Trichosoma*. 1915: Cap.
- exilidens* Looss in Cummins, 1912, 55, africanus Looss, not Harris, renamed, t. h. *Anthropopithecus troglodytes*; Africa.—1912: *Necator*.
- exilis* Cobb, 1893b, 289 (40), about roots of banana plants; Fiji.—1893: *Aulolaimus*. 1913: *Gymnolaimus*, mt.
- exilis* Cobb, 1893b, 290 (41), about roots of banana plants; Fiji.—1893: *Dorylaimus*.
- exilis* Cobb, 1914, 72 (38), in fresh water: Tynne River, Fla.—1914: *Bastiana*.
- exilis* Cobb, 1917n, 438, about roots of moss; Moss Vale, N. S. W.—1917: *Mononchus* (*Mononchus*).
- exilis* Duj., 1845a, 29, t. h. *Sorex tetragonurus*; Rennes.—1845: *Linisens*, mt.
- exilis* Mar., 1870a, 11; Endoume.—1870: *Lasiomitus*, mt.
- exilis* Rail., 1884e, 160, in *Ovis aries*; France.—1884: Str.
- explicans* Fedtsch., 1874a, 58; Durschankul-See, Turkestan.—1874: *Mermis*.
- expulsoria* Carus, 1837, 3, [nv.], t. h. *Sepia officinalis*.—1837: *Needhamia*.
- extenuata* Deslgch., 1824p, 395, t. h. *Mullus surmuletus*; Ing.—1824: Fil.
- extenuata* Rud., 1819a, 47, t. h. *Lacerta margaritacea*; Algeciras.—1819: Asc.
- extenuatus* Rail., 1898c, 254, t. h. *Ovis aries*; France.—1898: Str. [1898: Str. *gracilis*.] 1907: *Trichostr.*
- fabri* Dies., 1851a, 118, t. h. *Zeus faber*; Rimini.—1851: *Agamonema*.
- fabri* Rud., 1819a, 57, t. h. *Zeus faber*; Rimini.—1819: Asc. [1861: *biuncinata*.]
- fabri* Rud., 1819a, 79, t. h. *Zeus faber*; C. E. V.—1819: *Echinor*.
- feculorum* Dies., 1851a, 136 for *feculorum*.—1851: *Rhabditis*. 1851: *Anguillula*.
- falcariæ* Oerley, 1880a, 105, in leaves of *Falcaria rivini*; Frauenf., 1872, 396.—1880: *Tylenchus*.

- falcatum* Linst., 1906, 169, t. h. Nicoria trijuga; Colombo.—1906: Oxysona. 1915: Fus. 1915: Falcaustra, tod.
- falcatus* Frœl., 1789a, 117, t. h. Salamandra atra; Frœl.—1789: Echinor. 1911: Acanthoc.
- falcatus* Linst., 1907, 255, t. h. Gorilla gina; Kamerun.—1907: Str.
- falcifer* Cobbold, 1882a, 224, t. h. Elephas indicus.—1882: Str. 1914: Cylicost. 1914: Murshidia.
- falciformis* A., D., & E., 1901b, 33, t. h. Gynnyris fuliginosa; W. Africa.—1901: Fil.
- falcifer* Rail. & Henry, 1907b, 2, t. h. Leptonychotes weddelli, Omnatophoca rossi; Booth-Wandel Island.—1907: Asc.
- falcinelli* Rud., 1819a, 28, t. h. Tantalus falcinellus; C. E. V.—1819: Spiropt. 1860: Acuaria.
- falci-rufi* Drasche, 1883b, 125, t. h. Falco rufus; Ing.—1883: Dacnitis.
- falconis* Gmel., 1790a, 3040, t. h. Falco; by Pall., 83.—1790: Fil.
- falconis* M. C. V. in Mol., 1860b, 494.—1860: Spiropt. [1860: Disph. rectus.]
- falconis* M. C. V. in Mol., 1860b, 930.—1860: Spiropt. [1860: S. papillosa.]
- falconis* M. C. V. in Mol., 1860b, 965.—1860: Spiropt. [1860: S. filiformis.]
- falconis* Rud., 1819a, 28, t. h. Falco rufipes; Mus. Wien.—1819: Spiropt.
- falconis-albicollis* Rud., 1819a, 711, 799, t. h. Falco albicollis; Brazil.—1819: Dubium. 1851: Nematoideum.
- falconis-buteonis* Rud., 1810a, 363; Gœze, 1782a.—1810: Vermis (dubius). 1819: Dubium. 1851: Nematoideum.
- falconis-cyaneus* Rud., 1819a, 76, t. h. Falco cyaneus; C. E. V.—1819: Echinor.
- falconis-fulvi* Rud., 1810a, 375, t. h. Falco fulvus; by Braun.—1810: Str. 1851: Nematoideum.
- falconis-guivai-realis* M. C. V. in Mol., 1860b, 930.—1860: Spiropt. [1860: S. papillosa.]
- falconis-leptoptotis* M. C. V. in Mol., 1860b, 930.—1860: Spiropt. [1860: Fil. papillosa.]
- falconis-magnirostris* M. C. V. in Mol., 1858c, 392, t. h. Falco magnirostris; Brazil.—1858: Fil.
- falconis-milvi* Rud., 1809a, 70.—1809: Gord.
- falconis-milvi* Rud., 1810a, 263; Gœze, 1782a, 126.—1810: Vermis (dubius).
- falconis-naevii* Rud., 1819a, 187, 555, 799, t. h. Falco naevius; Mus. Wien.—1819: Dubium. 1851: Nematoideum.
- falconis-nisi* Dies., 1851a, 229, t. h. Falco nesus; Rennes.—1851: Disph. 1851: Spiropt.
- falconis-nisi* Dies., 1851a, 261, t. h. Falco nesus; Rennes.—1851: Trichosomum.
- falconis-nisi* Kremer, 1853a, 295, t. h. Falco nesus.—1853: Trichina.
- falconis-nisi* Rud., 1810a, 266; by Redi.—1810: Vermis (dubius). 1819: Dubium.
- falconis-picti* M. C. V. in Mol., 1858c, 392, t. h. Falco swainsonii; Brazil.—1858: Fil. attenuata.
- falconis-pygargi* Dies., 1851a, 261, t. h. Falco pygargus; Rennes.—1851: Trichosomum.
- falconis-rufi* Linst., 1889a, 41, for falci-rufi (Dacnitis).
- falconis-subbuteonis* Dies., 1851a, 229, t. h. Falco subbuteo; Rennes.—1851: Disph. 1851: Spiropt.
- falconis-tridentati* M. C. V. in Mol., 1860b, 483.—1860: Spiropt. [1860: Disph. sygmoideus.]
- falconua* Trav., 1915, 153, for falconum (Trichosoma).—1915: Cap. (Thominx).
- falconum* Rud., 1809a, 70, t. h. Falco sp.; [Europe].—1809: Fil.
- falconum* Rud., 1819a, 15, t. h. Falco buteo, F. milvus; Europe.—1819: Trichosoma.
- falconum* Müell., 1904a, 120, for falconum (Trichosoma).
- falcultus* Rans., 1911, 364, t. h. Capra hircus; Pesene, S. Africa.—1911: Trichostr.
- fallax* Jægers., 1909, 35, t. h. Sciurus melanogaster; S. Sumatra.—1909: Rictularia.
- fallax* Rud., 1819a, 43, t. h. Lacerta viridis; Mus. Wien.—1819: Asc. [1889: A. abbreviata.]
- fallax* Sieb., 1837e, 209 [nv.].—1837: Spiropt.
- fals* Müell., 1773b, 46, in paludosis Lemna refertis.—1773: Vibrio. 1838: Trachelius.
- fariæ* Lane, 1917, 756, for fariæ (Het.).
- fariæ* Trav., 1913, 278, t. h. Odontophorus capueira; Sta. Cruz im Staate Rio.—1913: Het.
- fariæ* Trav., 1914, 3, t. h. Leptoptila rufaxilla; Est. do Rio de Janeiro.—1914: Ornithostr., tod.
- fariæ* Trav., 1915, 388, t. h. Lepus brasiliensis; Brazil.—1915: Viannaia.
- fariensis* Fisch., 1798b, 98, t. h. trout; by Fisch.—1798: Cystidicola, mt. tat. [1801: Ophiost., tsd.]
- fariensis* Frœl., 1802a, 71, t. h. Salmo fario.—1802: Echinor.

- farionis* Gmel., 1790a, 3036, t. h. *Salmo fario*; Goeze, 1782a.—1790: Asc. 1803: Fus. [1851: *A. obtusocaudata*.]
- farionis* Gmel., 1790a, 3052, t. h. *Salmo fario*; Goeze, 1782a.—1790: *Cucullanus lacustris*.
- fasciata* Rail. & Henry, 1910, 250, t. h. dromadaire; Punjab.—1910: *Onchocerca*. 1912: *Oncocerca*.
- fasciata* Schneid., 1866a, 68, t. h. *Dasypus novemcinctus*; Brazil.—1866: Het. 1913: *Aspidodera*.
- fasciata* Weidmann, 1913, 140, t. h. wild cat; Phila.—1913: Fil.
- fasciatus* Baird, 1853b, 21; N. America.—1853: Gord.
- fasciatus* Linst., 1879a, 165, on moss roots; Ing.—1879: *Dorylaimus*.
- fasciatus* Westrumb, 1821a, 27, t. h. *Motacilla atricapilla*, etc.—1821: *Echinor*.
- fasciculatus* Cobb, 1894c, 411; Bay of Nap.—1894: *Synonchus*, tsd.
- fasciola* Muëll., 1773b, 48, in aqua gelu soluta.—1773: *Vibrio*. 1838: *Amphileptus*.
- fasciolata* Gendre, 1909, xxx, t. h. *Cinixys belliana*; French Guinea.—1909: *Atractis*.
- fex* Cam., 1888h, 168; Mus. Genova, from Birmania.—1888: Gord.
- fex* Par., 1889c, 769, t. h. *Testudo* sp.; Birmanie.—1889: Het.
- feai* Stoss., 1897b, 114, t. h. *Ninox scutulata*; Birma.—1897: *Spiropt*.
- feculorum* Guér.-Mén., 1845, 876, t. h. potatoes.—1845: *Rhabditis*. [1851: *Anguillula* (*fæculorum*).]
- fecundus* (Cobb, 1914, 72 (38), on Algæ: Potomac River, Wash., D. C.—1914: *Dorylaimus*.
- felineum* Noordhoek Hegt, 1910, 5, t. h. *Felis dom.*; Batavia.—1910: *Chlamydonema*, mt.
- felis* Dies., 1851a, 295, t. h. *Felis tigrina*; Brazil.—1851: *Trichoc*. 1900: *Tr. campanula*.
- felis* Gmel., 1790a, 3031, t. h. *Felis catus*.—1790: Asc. [1782: *A. teres*. 1809: *A. mystax*.] 1893: *A. mystax*. 1901: *A. canis*.
- [*felis*] Goeze, 1782a, 79, t. h. cat.—1782: Asc. *teres*. See *mystax*, also *felis* 1790a.
- felis* Züern, 1882a, 262, t. h. cat.—1882: *Doch. balsami*. 1915: *D. balsamis*.
- felis-cati* Dies., 1851a, 259, t. h. *Felis catus fer.*; Ireland.—1851: *Trichosomum*. 1915: *Cap*.
- felis-cati-feri* Rud., 1819a, 710, t. h. *Felis catus ferus*; Mus. Wien.—1819: *Dubium*.
- felis-concoloris* M. C. V. in Mol., 1858c, 389, t. h. *Felis concolor*; Caiçara, Brazil.—1858: Fil.
- felis-concoloris* M. C. V. in Mol., 1860b, 922.—1860: *Spiropt*. [1860: *S. subæqualis*.]
- felis-discoloris* Leidy, 1851a, 155, t. h. *Felis discolor*; Ing.—1851: Asc. [1856: *A. leptoptera*.]
- felis-jaguarondi* M. C. V. in Mol., 1858c, 421, t. h. *Felis mellivora*; Ypanema, Brazil.—1858: Fil.
- felis-mellivoræ* Stoss., 1897b, 68 (56), for *felis-mellivoræ* (*pulmonalis*) (Fil.).
- felis-mellivoræ* (*pulmonalis*) Mol., 1858c, 421 t. h. *Felis mellivora*; Ypanema, Brazil.—1858: Fil.
- felis-onçæ* Stoss., 1897b, 68 (56), for *felis-onçæ* (*intermuscularis*) (Fil.).
- felis-onçæ* (*intermuscularis*) Mol., 1858c, 421, t. h. *Felis onça*; Brazil.—1858: Fil.
- felis-yaguarondi* M. C. V. in Mol., 1860b, 922 (14).—1860: *Spiropt*. [1860: *F. subæqualis*.]
- feronæ-madidæ* Dies., 1851a, 90, t. h. *Feronia madida*; Eng.—1851: Gord.
- feronæ-melanariæ* Dies., 1851a, 90, t. h. *Feronia melanaria*; Coll. Schlotthauber.—1851: Fil. 1851: Gord.
- feronæ-metallicæ* Dies., 1851a, 90, t. h. *Feronia metallica*; Gœtt., Wien.—1851: Fil. 1851: Gord.
- feronæ-(omasei)-nigritæ* Dies., 1851a, 91, t. h. *Feronia* (*Omascus*) *nigrita*; by Sieb., Ing.—1851: Gord.
- feronæ-striolæ* Dies., 1851a, 90, t. h. *Feronia* (*Abax*) *striola*; Eng.—1851: Gord.
- ferox* Cam., 1897g, 388 (50); French Congo.—1897: *Chord*.
- ferox* Cobb, 1915, 113, near low tide mark; Colon, Panama.—1915: *Selacinema*, mt.
- ferox* Hempr. & Ehrenb., 1828a.—1828: Asc.
- ferruginea* Leidy, 1851c, 275; Brazil.—1851: *Mermis*.
- festæ* Cam., 1897e, 2; Cuenca.—1897: *Chord*.
- fiatolæ* Rud., 1819a, 192, 562, 799, t. h. *Stromateus fiatola*; Rimini.—1819: *Dubium*. 1851: *Nematoideum*.
- fiberius* Barker & Noyes in Barker, 1915, 196, t. h. *Fiber zibethicus*; Neb.—1915: *Trichostr*.
- ficheruri* Seur., 1916, 295, t. h. *Bubulcus lucidus*; Alger.—1916: *Habronéma*.

- fictor* Bast., 1865c, 116, aquatic; Bagshot.—1865; *Diplogaster*.
figuratum Bast., 1865c, 146, marine; Falmouth.—1865: *Leptosomatum*. 1907: Thoracost.
filaria Ben., 1873b, 21, t. h. *Vespertilio auritus*; Belgium.—1873: *Listosoma*, mt.
filaria Duj., 1845a, 108, t. h. *Lumbricus terrestris*; Paris.—1845: *Dicelis*, mt. 1905: *Discelis*.
filaria Duj., 1845a, 177, t. h. a large serpent, probably *Python*; Pondicherry.—1845: *Asc*.
filaria Marshall, 1904a, 182, t. h. *Ovis aries*; Montana.—1904: *Metastr*.
filaria Rougier Grangeneuve, 1880a, 12.—1880: *Gord*.
filaria Rud., 1809a, 219, t. h. *Ovis aries*; Europe.—1809: *Str*. 1907: *Dictyocaulus*, tod. 1910: *Sclerost*.
filaria Schrank, 1829 [nv.]; Ehrenb., 1838a, 83.—1829: *Vibrio*. [1838: *Oscillatoria*.]
filaria Silva Araujo, 1877a, 492, t. h. *Homo*; Bahia.—1877: *Wuchereria*.
filariæ Duf., 1828d, 224, t. h. *Fil. tricuspidata* in *Gryllus burdigalensis*; by Duf.—1828: *Fil*.
filariiformis Stoss., 1902e, 6, t. h. *Scopelus caudispinosus*; Genova.—1902: *Asc*.
filesia Hellier, 1892d, 33, misprint for *filaria* (*Str*.).
filholi Chatin. 1885a, 39 t. h. fish: either Campbell IIs. or New Zealand.—1885: *Asc*.
filaria Campb. & Lacr., 1907, 72, misprint for *filaria* (*Str*.).
filicauda Daday, 1899, 564.—1899: *Ironus*.
filicaudata Man, 1880a, 11, in moist soil: Holland.—1880: *Tripyla*.
filicaudatus Buetsch., 1874b, 258, in Kuhmist; Germany.—1874: *Diplogaster*.
filicandatus Cobb, 1906, 165, about roots of diseased cane; Olaa Plantation, Hawaii.—1906: *Cephalobus*.
filicandatus Daday, 1905, 64, in fresh water; Paraguay.—1905: *Dorylaimus*.
filicollis of Mol., 1861a, 512, in *Ovis aries*.—1861: *Str*. [1893: *Str. contortus*.]
filicollis Rud., 1802a, 23, t. h. *Ovis aries*; by Rud.—1802: *Asc*. 1803: *Str*. 1803: *Fus*. 1809: *Str*. 1899: *Oesophagost*. 1907: *Nematodirus*, tod. 1913: *Str*. (*Nematodirus*). 1912: *Trichostr*. 1914: *Nematodirus* (*Nematodirus*).
filicollis Rud., 1804a, 94 [nomen nudum except for host]; 1809a, 283, t. h. *Anas fuligula*; [Europe].—1804, 1809: *Echinor*. 1910: *Echinosoma*. 1913: *Echinor*.
filiforme Linst., 1885b, 247, t. h. *Triton alpestris*, *T. cristatus*.—1885: *Trichosoma*. [1915: *Cap*. (*Thominx*).]
filiforme Man, 1907, 84; Zealand.—1907: *Euryst*.
filiforme Mol., 1857a, 217, t. h. *Simia inuus*; by Brems.—1857: *Gongylonema*.
filiforme redivivum (Linn., 1767) Roffredi, 1775a, 202.—1775: *Chaos*.
filiforme Villot, 1875a, 466; Med.—1875: *Leptosomatum*.
filiformis Bast., 1865c, 98, in river; Blackwater.—1865: *Monhystera*. 1907: *Monohystera*.
filiformis Bast., 1865c, 107, aquatic; Bagshot.—1865: *Dorylaimus*.
filiformis Bast., 1865c, 117, in sandy soil: Broadmoor, Berks.—1865: *Diplogaster*.
filiformis Bast., 1865c, 169, marine, tide-pools; Falmouth.—1865: *Chromadora*.
filiformis Buetsch., 1873a, 37, at moss roots; by Buetsch.—1873: *Tylenchus*.
filiformis Buetsch., 1873a, 106, in Moss eines Baumstammes; by Buetsch.—1873: *Rhabditis*.
filiformis Daday, 1894, 128, [free; Balaton].—1894: *Alaimus*.
filiformis Eberth, 1863a, 29, free; Nizza.—1863: *Odontobius*.
filiformis Ehrenb.? or? Man [nv.]; Daday, 1910, 52; Jippe-See.—1910: *Dorylaimus*.
filiformis Goetze, 1782a, 39, see *filii*. cauda rotundata, t. h. birds, etc.; by Goetze.—1782: *Asc*. [See *Str. auricularis*, *A. variegata*, *A. nigrovenosa*.] 1917: *Oswaldocruzia*.
filiformis Greef, 1869a, 117; Nordsee.—1869: *Eubostriechus*? type.
filiformis Man, 1880a, 42, in moist soil: Holland.—1880: *Cephalobus*.
filiformis Man, 1889b, 3, free; Penzance.—1889: *Axonolaimus*.
filiformis Man, 1907, 230, free; Veere, Ierseke.—1907: *Terschellingia*.
filiformis Mol., 1858c, 396, t. h. *Anabates rufifrons*; Cuyaba.—1858: *Fil*. [1909: *F*. (*Diplotriana*).]
filiformis Mol., 1860b, 965, t. h. *Falco urubutinga*; Brazil.—1860: *Spiropt*.
filiformis Schrank, 1788a, 11, t. h. *Kælber*, etc.; Goetze, 1782a, 91.—1788: *Asc*.
filiformis Stoss., 1896c (d), 123, t. h. *Pagellus erythrinus*, *Trachinus draco*; Trieste.—1896: *Ichthyonema*.
filiformis Stoss., 1899d, 85 (31), t. h. *Myrmecophaga jubata*; Brazil.—1899: *Str*.
filiformis Stoss., 1904b, 2, t. h. *Uranoscopus scaber*; Trieste.—1904: *Asc*.
filiformis Zsch., 1884a, 6, t. h. *Alburnus lucidus*; by Zsch.—1884: *Disph*. [1896: *Ancyracanthus*.] 1896: *Ancyracanthus*.
filiformis bufonum Dies., 1851a, 187, t. h. *Rana bufo*; teste Goetze.—1851: *Asc*. [1851: *Asc. nigrovenosa*.]

- filiformis cauda rotundata* Gaeze, 1782a, 91, t. h. calves; by Gaeze.—1782: Asc. [See *filiformis* Schrank, Str. paradoxus, Str. vitulorum.]
- filicollis* Hornby, 1913, 540, for *filicollis* (Str.).
- filiforme* Trav., 1915, 156 for *filiformis* Linst., 1885.—[1885: Trichosoma.] 1915: Cap. (Thominx).
- fillikollis* Schneidem., 1896a, 325, for *filicollis* (Echinor.).
- filum* Duj., 1845a, 135, t. h. *Delphinus phocaena*; Mus. Paris.—1845: Pseudalius, mt.
- filum* Müell., 1774a, 31.—1774: Gord.
- fissicollis* Linst., 1906, Jan., 164, t. h. *Haliastur indus*; Ceylon.—1906: Asc.
- fissilabium* Linst., 1873g, 299, t. h. *Sturnus vulg.*; Ing.—1873: Asc.
- fissispina* Dies., 1861a, 674, t. h. *Anas boschas dom.*, etc.; Lieberk., 1855.—1861: Tropidocerca. 1888: Tropisurus. 1914: Tetrameres. 1915: Tetrameres (Tetrameres).
- flabellata* Linst., 1888a (b), 9, t. h. *Paradisea apoda*; Aru Isl.—1888: Fil. [1909: Fil. (Diplotriana).]
- flagelloides* Jagers., 1893a, 54, t. h. *Atherura armata*; Kamerun.—1893: Oxyuris.
- flagellum* Ehrenb. in Hemp. & Ehrenb., 1828a, (Hyrax) unpagd, t. h. *Hyrax capensis*; by H. & E.—1828: Oxyuris.
- flagellum acuta* Ehrenb. in Hemp. & Ehrenb., 1828a, (Hyrax) unpagd, t. h. *Hyrax capensis*; by H. & E.—1828: Oxyuris.
- flagellum obtusa* Ehrenb. in Hemp. & Ehrenb., 1828a, (Hyrax) unpagd, t. h. *Hyrax capensis*; by H. & E.—1828: Oxyuris.
- flavellum* Cobbold, 1879b, 403, for *flagellum* (Oxyuris).
- flavescens* Cast. & Willey, 1904 [nv.]; Linst., 1906, 172; *Calotes versicolor*; Colombo, Ceylon.—1904 or 1906: Fil.
- flavescens* Linst., 1906, 246; Tucuman, Argentina, Costa Rica.—1906: Paragord.
- flavomaculatus* Linst., 1876a, 6, free; Ratzeburger-See.—1876: Dorylaimus. 1876: Dorylaimus.
- flavomaculatus* Stefanski, 1916, 364, apparently misprint for *flavomaculatus* (Dorylaimus).
- flavus* Linst., 1906, 243; Neu Britannien, Oceanien, etc.—1906: Gord.
- flavus* Mol., 1858(1859e), 291, t. h. *Pagellus erythrinus*; Padua.—1858: Echinor.
- flesi* Linst., 1878b, 241, t. h. *Platessa flesus*; by Linst.—1878: Agamonema.
- flesi* Linst., 1878b, 238, t. h. *Platessa flesus*; Ing.—1878: Asc.
- fleuris* Duj., 1845a, 109, t. h. *Linaax cinereus*; Rennes.—1845: Leptodera, mt. 1880: Rhabditis. 1908: R. (L.).
- flexuosa* Schlotthauber, 1860a, 125, t. h. *Falco buteo*; by Schlotth.—1860: Fil.
- flexuosa* Schneid., 1866a, 67, t. h. *Crotalus*; Brazil.—1866: Het. 1914: Ascaridia.
- flexuosa* Wedl, 1856b, 122, t. h. *Cervus elaphus*; by Wedl.—1856: Fil. 1909: Onchocerca.
- flustra* Dalyell, 1853a, 92, t. h. *Flustra carbacea*; Ing.—1853: Asc. 1865: Phanoglene.
- fluvialis* Müell., 1783, 161, s. *Vibrio anguillula* pars, see also *fluviatilis*.—1783: *Vibrio*. [1786: *Anguillula*.] 1840: *Anguillula*.
- fluviatilis* Büetsch., 1876a, 365, in fauligen Massen auf der Oberflaeche des Mains; F. a. M.—1876: Rhabditis.
- fluviatilis* Cobb, 1914, 81 (47); Maple River; Mich.—1914: *Microlaimus*.
- fluviatilis* Cobb, 1915, 38; Maple River; Mich.—1915: *Cyatholaimus*.
- fluviatilis* Hagmeier, 1912, 585, t. h. *Chironomidae*; in Rhein.—1912: *Paramermis*.
- fluviatilis* Man, 1880a, 36, in water; Holland.—1893: *Diplogaster*.
- fluviatilis* Müell., 1786a, 65, for *fluvialis* 1783, in sedimento vegetabili; Europe.—1786: *Vibrio anguillula*. 1786: *Anguillula*, tsd.
- flexuosa* Rail. & Henry, 1914, 678, misprint for *flexuosa*, 1866 (*Ascaridia*).
- fecunda* Linst., 1879b, 330, t. h. *Simia satyrus*; Stuttgart Mus.—1879: Oxyuris.
- fecunda* Rud., 1819a, 654, t. h. *Rana cornuta*, *Hyla* sp.; Brazil.—1819: Asc.
- fecunda* Schneid., 1866a, 315.—1866: Leptodera. 1880: Rhabditis.
- fetidus* Büetsch., 1874b, 256, in Kuhmist; Germany.—1874: *Aphelenchus*.
- foinea* Rud., 1809a, 243, *Tenia gulonis* renamed, t. h. *Mustela foinea*; teste Redi.—1809: Str.
- foliatus* Cobbold, 1882a, 224, t. h. *Elephas indicus*; by Cobbold.—1882: Str. 1914: Bunost.
- follicularis* Ostertag in Olt, 1898c, 121, t. h. *Sus scrofa dom.*; Germany.—1898: Str.
- forceps ursi-lotor* M. C. V. in Mol., 1861a, 493 (69), t. h. *Procyon cancrivorus*; Ypanema, Brazil.—1861: Str.
- forciparia* Schneid., 1866a, 75, *forcipata* renamed, t. h. *Cuculus naevius*, etc.; Brazil.—1866: Het. 1866: Asc.
- forcipata* Rud., 1819a, 659, t. h. *Cuculus naevius*, etc.; Brazil.—1819: Asc. 1914: Subulura.

- fordi* Leiper, 1911, 18, for *fordii* Daniels, 1908.—1911: *Nematodirus*. 1912: *N.* (*Mecistocirrus*). 1912: *Mecistocirrus*. 1913: *Str.*
- fordii* Daniels, 1908, v. 3, 15, t. h. Indian buffalo; Malaya.—1908: *Str.*
- foreli* Hofmæn., 1913, 637, aquatic; lac Léman.—1913: *Chromadora*.
- foreli* Hofmæn., in Hofmæn & Menz., 1915, 138.—1915: *Ethmolaimus*.
- forficula* Rud., 1809a, 77, t. h. *Forficula auricularia*; by Schröder.—1809: *Fil.*
- forficula-auricularia* Dies., 1851a, 94, t. h. *Forficula auricularia*; Europe.—1851: *Gord.*
- forficula-borealis* Dies., 1851a, 94, t. h. *Forficula borealis*; by Spence, Ing.—1851: *Fil.* 1851: *Gord.*
- formicarum* Dies., 1851a, 99, t. h. *Formica* sp.; teste Gould, Sieb., 1843a, 81.—1851: *Fil.* 1851: *Gord.*
- formosa* Schmassmann, 1914, 398; Silsersee.—1914: *Mermis*.
- fossor* Hall, 1916a, 21, t. h. *Thomomys fossor*; Colo.—1916: *Trichuris*.
- fossor* Jagers., 1902, 564, t. h. *Lates niloticus*; Africa.—1902: *Dichelyne*, tod.
- fossularis* Leidy, 1851b, 226, in stagnant ponds and rain puddles; Phila.—1851: *Anguillula*.
- fovearum* Duj., 1845a, 236, aquatic; Rennes.—1845: *Oncholaimus*. 1865: *Mononchus*. 1916: *M.* (*Mononchus*).
- foveata* Schneid., 1866a, 90, t. h. *Strix brachyotus*; Brazil.—1866: *Fil.*
- foveolata* Mol., 1858c, 375, t. h. *Corvus frugilegus*, etc.; Europe, Praja de Cajutuba.—1858: *Fil.* 1915: *Serratospiculum*.
- forcolatus* Rud., 1809a, 109, t. h. *Gadus*; by Müller.—1809: *Cucullanus*. 1890: *Dacnitis* (*Cucullanus*). 1866: *Het.*
- fragariae* Bos, 1891, 1, in Blumenkohlkrankheit of strawberries; Kent, Eng.—1891: *Aphelenchus*.
- fragile* Magal., 1905a, 314, t. h. *Pheritima* (*Perichaeta*); Brazil.—1905: *Synœcnema*, mt.
- fragilis* Müell., 1788a, 22.—1788: *Lumbricus*.
- fragilis* Petrov, 1910, 1202, t. h. *Bos taurus*; Charkov.—1910: *Fil.*
- francolina* Linst., 1899b, 11, t. h. *Francolinus bicalcaratus*; Togo, Bismarckburg.—1899: *Het.* 1914: *Asc.*
- frasonii* Wolffh., 1900, 55, for *frassonii* (*Echinor.*).
- frasonii* Wolffh., 1900, 10, for *frassonii* (*Echinor.*).
- frassonii* Lüthe, 1911, 48, for *frassonii* t. h. *Numenius arquatus*; Padua.—1911: *Echinor.* 1911: *Arhythmor.*, mt.
- frassonii* Mol., 1858 (1859e), 143, t. h. *Numenius arquatus*; Padua.—1858: *Echinor.* [1911: *Arhythmor.*, mt.]
- friganæ* Bosc, 1802a, 50, t. h. *Phryganea*; by Degeer.—1802: *Fil.*
- frigida* Cobb, 1914, 8; Cape Royds.—1914: *Monhystera*.
- frigidus* Steiner, 1916, 318, free; Possession Isl.—1916: *Dorylaimus*.
- fringilla* Rud., 1819a, 15, t. h. *Fringilla caelebs*; C. V.—1819: *Trichosoma*. 1915: *Cap.*
- fringilla-domestica* Rud., 1819a, 187, 557, 799, t. h. *Fringilla dom.*; Mus. Wien.—1819: *Dubium*. 1851: *Nematoideum*.
- fritschii* Trav., 1914, 429; 1915, 158, papillosum *Fritsch* renamed, t. h. *Malapterurus electricus*.—1915: *Cap.*
- frugilegi* Schrank, 1790a, 121, t. h. *Corvus frugilegus*; teste Schrank.—1790: *Asc.* 1803: *Fus.* 1809: *Asc.* [1851: *Asc. corvi-frugilegi.*]
- fucicola* Man, 1892a, 121, t. h. *Fucus* (*Ascophyllum*) *nodosus*; Seamill, etc.—1892: *Tylenchus*.
- fuhmanni* Daday, 1911, 494; Neuenburger-See.—1911: *Bathymermis*.
- fulcatum* Zool. Rec. 1908, v. 43 (for 1906), verm. 37, for *falcatum* (*Oxysoma*).
- fulgur* Baird, 1861a, 229, free; Batchian.—1861: *Gord.*
- fulica* Rud., 1819a, 29, t. h. *Fulica atra*; C. E. V.—1819: *Spiropt.*
- fulica-atra* Dies., 1851a, 228, t. h. *Fulica atra*; Ireland.—1851: *Spiropt.* [1851: *S. fulicae.*]
- fulica-atra* Dies., 1861a, 724, t. h. *Fulica atra*; Crisp., 1855.—1861: *Nematodum*. 1899: *Nematoideum*.
- fuligula* Gmel., 1790a, 3033, t. h. *Anas fuligula*; teste Bloch.—1790: *Asc.* 1803: *Fus.* 1809: *Asc.*
- fülleborni* Daday, 1908, 11.—1908: *Monhystera*.
- fülleborni* Linst., 1901b, 418, in Termiten Bau; Nyassa-See, Africa.—1901: *Spinifer*, mt.
- fülleborni* Linst., 1905n, 532, t. h. *Anthropopithecus troglodytes*, *Cynoc. babuin*; Africa.—1905: *Strongyloides*.
- fülleborni* Rodenwaldt, 1909, 627, t. h. *Homo*; from India.—1909: *Fasciolopsis* [*Trematoda*]. 1912: *Fil.* (lapsus for *Fasciolopsis*).
- fungorum* Bütsch., 1873a, 41, in faulenden Pilzen; by Bütsch.—1873: *Tylenchus*.

- funiculus* Deslgch., 1824e, 89, t. h. *Galius* dom.; by Deslgch. 1824: Asc. [1845: Asc. (Ascaridia) inflexa. 1893: Het. perspicillum.]
- furcata* Linst., 1898c, 284, t. h. "Ein krötenförmiger Frosch"; Rahum.—1898: Spiropt.
- furcata* Linst., 1899b, 24, t. h. *Chamæleo* sp.; Madagascar.—1899: Fil.
- furnessi* Montg., 1898c, 379, t. h. *Deroplatys* sp., *Hierodula* sp.; Borneo.—1898: Chord.
- fusæformis* Zed., 1803a, 153, t. h. *Salmo trutta*; Gœze, 1782a, 157.—1803: Echinor.
- fusca* Rud., 1819a, 5, t. h. *Pleuronectes mancus*; Nap.—1819: Fil. 1861: Ichthyonema.
- fuscovenosum* Rail., 1899l, 1271, t. h. *Tropidonotus natrix*; Europe.—1899: Angiost.
- fuscus* Bast., 1865c, 136, marine surface mud from estuary; Falmouth.—1865: Oncholaimus.
- fusiformis* Bast., 1865c, 121, in moss on roof: Sandhurst.—1865: Plectus.
- fusiformis* Linst., 1902a, 219, t. h. *Micropogon* sp.; Breslau Mus.—1902: Physalopt.
- fusiformis* Mol., 1858c, 415, t. h. *Monasa tranquilla*; Barra do Rio negro, Brazil.—1858: Fil. 1861: Dicheilonema.
- fusiformis* Mol., 1860e, 344, t. h. *Platessa flesus*; M. C. V.—1860: Dacnitis. 1887 (1888): Het.
- fusiformis* Rud., 1809a, 261, for *fusæformis*, t. h. *Salmo trutta*; by Gœze.—1809: Echinor.
- fusiformis avium* A., D., & E., 1901b, 30, t. h. *Hyphantornis aurantus*, etc.; apparently Nigeria, W. Africa.—1901: Fil.
- fusus* Schrank, 1796, 317 [nv.].—1796: Vibrio. [1838: *Navicula fulva*.]
- gadi* Templeton, 1836a, 238, t. h. codfish; Ireland.—1836: *Oxyurus*.
- gadi* Müell., 1776a, 214, t. h. *Gadus*; Ing.—1776: Asc. 1791: Proboscidia. [1809: Asc. clavata.]
- gadi* Zoega in Müell., 1776a, 214, t. h. *Gadus*.—1776: Echinor. [1809: *E. lineolatus*.]
- gadi-æglefini* Dies., 1851a, 198, t. h. *Gadus æglefinus*; by Rud.—1851: Asc.
- gadi-æglefini* Rud., 1819a, 799.—1819: Dubium.
- gadi-brandti* Linst., 1899b, 8, t. h. *Gadus brandti*; Japan.—1899: Asc.
- gadi-callariæ* Viborg, 1795, 244 [nv.]; Lûche, 1904f, 213, t. h. *Gadus callarias*; Mus. Copenhagen.—1795: Echinor. 1904: Echinor.
- gadi-merlangi* Dies., 1851a, 199, t. h. *Merlangus com.*; by Gæde.—1851: Asc.
- gadi-merlucci* Rud., 1819a, 192, t. h. *Gadus merluccius*; Nap.—1819: Dubium.
- gadi-minuti* Rud., 1819a, 57, t. h. *Gadus minutus*; Rimini.—1819: Asc. [1896: Asc. capsularia.]
- gadi-morhuæ* Rud., 1810a, 277.—1810: Vermis (dubius). 1819: Dubium.
- gadi-morhuæ* Viborg, 1795, 244 [nv.]; Rud., 1809a, 324.—1795: Echinor. quadrirostris. [1809: Tetrar. morhuæ.]
- gadi-virentis* Rathke, 1799a, 72, t. h. *Gadus virens*; by Rathke.—1799: Echinor.
- gadi-virentis* Rud., 1810a, 277.—1810: Vermis (dubius). 1819: Dubium.
- gadorum* Ben., 1858a (1861a), 274, t. h. *Gadus morrhua*; Ing.—1858: Dacnitis. 1887: Het. 1871: Dacnitis.
- gadorum* Rathke, 1799a, 68, 146, t. h. *Gadus morrhua*, *G. virens*; Ing.—1799: Hydatula. 1851: Nematoideum.
- gaidei* Mathis & Léger, 1911, 60, t. h. *Leptotilus* sp.; Tonkin.—1911: Microfil.
- galbulæ* Dies., 1851a, 488 (for alcedinis-galbulæ) and Linst., 1878a, 72 (for alcedinis), t. h. *Alcedo galbula*.—1878: Echinor.
- galeata* Lint., 1905d, 325, t. h. *Coryphæna equisetis*, *Sphyrna tiburo*; N. Carolina.—1905: Fil.
- galeatus* Cobb, 1913, 438, free; Arlington, Va.—1913: *Nemonchus*, mt.
- galeatus* Rud., 1819a, 648, t. h. *Lacerta teguixin*; Brazil.—1819: Str. 1845: Sclerost. [1851: *Diaphanoc. strongyloides*.] 1909: *Diaphanoc. tsd*.
- galinieri* Seur., 1914, 244, t. h. Aigle [Aquila rapax belisarius]; Ain-Oussera.—1914: Physalopt.
- gallarum abietis* Dies., 1851a, 100.—1851: Fil. aphidis. 1851: Gord. aphidis.
- gallerucæ-alni* Dies., 1851a, 93, t. h. *Galleruca alni*; Dania.—1851: Fil. 1851: Gord. 1861: Mermis.
- gallerucæ-tanacetii* Dies., 1851a, 94, t. h. *Galleruca tanacetii*; Germany, Eng.—1851: Gord.
- galli* Gœze, 1782a, 86, t. h. Hahn.—782: Asc. teres. [See galli Schrank.]
- galli* Schrank, 1788a, 9, t. h. *Gallus gallus*; teste Gœze.—1788: Asc. [1800: *Fus. reflexa*. 1809: *A. vesicularis*.]
- galli major* Rud., 1809a, 129.—1809: Asc. teres. [See gallinarum, inflexa, vesicularis.]
- galli minor* Rud., 1809a, 129.—1809: Asc. teres. [See vesicularis.]
- gallinæ* Gmel., 1790a, 3034, t. h. *Gallus* dom.; teste Gœze.—1790: Asc. [1800: *Fus. reflexa*. 1809: *A. vesicularis*. 1861: Het. dispar.]

- gallina* Schrank, 1788a, t. h. Gallus dom.; Gœze, 1782a, 126.—1788: Fil. 1791: Gord.
- gallinarum* Schrank, 1788a, 9, t. h. Gallus gallus: teste Gœze.—1788: Asc. [1800: Fus. reflexa. 1809: Asc. vesicularis. 1861: Het. vesicularis.]
- gallinula* Linst., 1879b, 321, t. h. Gallinula chloropus: Ing.—1879: Asc. [1896: A. ensicaudata.]
- gallinula* Rud., 1819a, 28, t. h. Scolopax gallinula: Greifsw.—1819: Spiropt.
- gallinum* Kowal., 1894a/b, 226, t. h. Gallus dom.; Dublany.—1894: Trichosoma.
- gallopavonis* Gmel., 1790a, 3034, t. h. Gallopavo: Gœze, 1782a.—1790: Asc. [1803: Fus. reflexa. 1803: A. perspicillum. 1893: Het. p.]
- gamasus* Linst., 1892a, 327, t. h. Gamasus coleopratorum: teste Linst.: Ing.—1892: Nematodum.
- gammari* Linst., 1892a, 325, t. h. Gammarus pulex: by Linst.—1892: Fil. 1909: Spiropt.
- gammari* Linst., 1892a, 329, t. h. Gammarus pulex: Ing.—1892: Mermis. 1903: Agamomermis.
- gangula* Lane, 1914, 660, t. h. Mus decumanus: Berhampore, Bengal.—1914: Ganguleterakis, tod.
- gariazzi* Cam., 1902b, 1; Belgian Congo.—1902: Chord.
- garza* Zed., 1803a, 161, for gazæ, t. h. Ardea alba: by Redi.—1803: Echinor.
- gasterosteus* Linst., 1884a, 136, t. h. Gasterosteus aculeatus.—1884: Agamonematodum. 1909: Agamonema.
- gasterosteus* Linst., 1909, 82, t. h. Gasterosteus aculeatus.—1909: Agamonema.
- gasterosteus* Rud., 1809a, 201, t. h. Gasterosteus aculeatus: Greifsw.—1809: Asc.
- gasterosteus* Rud., 1810a, 279, 363.—1810: Vermis (dubius).
- gasterosteus* Stiles, 1891g, 164, t. h. Gasterosteus aculeatus; Baltic Sea.—1891: Fil. 1892: Disph. (Fil.).
- gasterosteus-aculeatus* Viborg, 1795, 244 [nv.]; Lühe, 1905b, 215; t. h. Gasterosteus aculeatus.—1795: Echinor. 1905: Echinor.
- gastropacha-quercifolia* Dies., 1851a, 104, t. h. Gastropacha quercifolia: by Rossi.—1851: Fil. 1851: Gord.
- gastropacha-quercus* Dies., 1851a, 104, t. h. Gastropacha quercus: by Werner.—1851: Fil. 1851: Gord.
- gastropacha-rubi* Dies., 1861a, 610, t. h. Gastropacha rubi: by Plötz.—1861: Mermis.
- gastropacha-trifolii* Dies., 1851a, 103, t. h. Gastropacha trifolius: by Hettlinger: teste Sieb.—1851: Fil. 1851: Gord.
- gastrophila* Müell., 1894a, 113, t. h. Felis dom.—1894: Fil. 1913: Spirura.
- gaussi* Steiner, 1916, 318, free; Possession Isl.—1916: Dorylaimus.
- gaylordi* Rans., in Gaylord & Rans., 1914, 500, t. h. Canis fam.; Maine.—1914: Agamonematodum.
- gaza* Gmel., 1790a, 3046, t. h. Ardea alba, Garza bianca; by Redi.—1790: Echinor.
- gemina* Linst., 1899b, 15, t. h. Felis catus dom.; Egypt.—1899: Physalopt.
- gemmatus* Villot, 1884, 45 [nv.].—1884: Gord. 1897: Parachord.
- geniculatus* Müell., 1786a, 52.—1786: Vibrio.
- genitalis* Scheib., 1880a, 161, t. h. Homo; Hungary.—1880: Rhabditis.
- genitalis* Scott, 1900a, pl. 30 figs. 1-4, for genitalis (Rhabditis).
- genypteri* Stoss., 1902d (e), 66 (6), t. h. Genypterus capensis; Mare del Plata.—1902: Asc.
- geophila* Man, 1876a, 162.—1876: Spilophora.
- geophilus* Man, 1880a, 52, in moist soil; Holland.—1880: Plectus.
- georgiana* Stiles, 1907a, 9, t. h. Homo; Georgia.—1907: Agamofil. 1910: Fil.
- geotrupis* Linst., 1877a, 12, t. h. Geotrupes strercorarius: Ing.—1877: Agamonematodum.
- geotrupis* Linst., 1896i, 375, t. h. Geotrupis sylvaticus: by Linst.—1896: Fil. 1916: Spiropt.
- gerlachii* Man, 1904a, 5, sur des algues d'eau douce. près du Cap Van Beneden.—1904: Mononchus. 1916: M. (Mononchus).
- germanica* Büetsch., 1874b, 284: Kieler Bucht.—1874: Chromadora.
- gestri* Cam., 1904, 93; Guatemala.—1904: Chord.
- gestri* Par., 1889c (1890), 768, t. h. Tropidonotus quincunciatus; Birmania.—1890: Asc.
- getula* Seur., 1915, 24, t. h. Xerus getulus; Maroc.—1915: Dermatoxys.
- getula* Seur., 1917, 215, t. h. Mus rattus; Dar M'touai, Maroc.—1917: Physalopt.
- giardi* Cert, 1889, L 47; Tierra del Fuego.—1889: Dorylaimus.
- giardi* Maupas, 1915, 51 (1), in humus; Algeria.—1915: Rhabditis.
- giardi* Rouville, 1905a, 795, free; Cette.—1905: Spilophora.
- gibber* Ols., 1893a, 36, t. h. Muræna anguilla, etc.; Scandinavia.—1893: Echinor. [1907: Echinoma.]
- gibbosa* Rud., 1809a, 167, t. h. Phasianus gallus; by Zed.—1809: Asc. 1845: Asc. (Ascaridia). [1893: Het. perspicillum.]

- gibbosum* Leuck., 1886c, 743, t. h. *Cecidomyia pini*; by Leuck.—1886: *Asconema*, mt. 1887: *Atractonema*, type.
- gibbosus* Rud., 1809a, 292, t. h. *Cyclopterus lumpus*, *Trachinus draco*; by Rud.—1809: *Echinor*.
- gibbosus* Rud., 1819a, 639, t. h. *Scomber thynnus*; Brazil.—1819: *Trichoc*. [1851: *Onchophora*, type.]
- gibsoni* Cleland & Johnst., 1910, 173, t. h. *Bos taurus*; Queensland.—1910: *Fil*. 1910: *Fil*. (*Onchocerca*). 1911: *Onchocerca*. 1912: *Onchocera*.
- gibsoni* Stephens, 1909d, 315, t. h. *Homo*; Hong Kong.—1909: *Str*. 1912: *Nematodirus*.
- gigans* Roberts, 1888a, 801, for *gigas* 1802 (*Str*.).
- gigantea* Daday, 1897, 110, aquatic; Balaton.—1897: *Tripyla*.
- giganteus* Rud., 1808a, 324, for *gigas* 1802.—1808: *Str*.
- gigas* Bloch, 1782a, 26, t. h. *Sus scrofa dom.*; by Bloch.—1782: *Echinor*. 1892: *Gigantor*. 1908: *Gigantorhynchus*. 1915: *Echinorr*.
- gigas* Goeze, 1782a, 38, *lumbricoides* renamed.—1782: *Asc*.
- gigas* Goeze, 1782a, 143, t. h. swine, tame and wild; Europe.—1782: *Echinor*. [See *gigas* Bloch.]
- gigas* Prout, 1902a, 880, t. h. *Homo*; Moyamba, Sierra Leone, W. Africa.—1902: *Fil*. [1905: An insect hair.] 1913: *Microfil*.
- gigas* Rud., 1802d, 115, t. h. *Phoca vitulina*.—1802: *Str*. [1802: *Diectophyme*.] 1851: *Eustr. tsd*. 1894: *Diectophyme*, mt. 1902: *Eustrongilus*. 1903: *Strongilus*.
- gigas equi* Rud., 1809a, 125, for *equorum* t. h. *Equus*; Goeze, 1782a.—1809: *Asc*.
- gigas hominis* Rud., 1809a, 125, for *hominum*, t. h. *Homo*; Goeze, 1782a.—1809: *Asc*. [See *lumbricoides*.]
- gigas juvenilis* Kùech., 1855a, 464, s. *Spiropt. hominis*.—1855: *Str*.
- gigas pullus* Dies., 1851a, 223, based on Brems., 1819a, 226, s. *Spiropt. hominis*.—1851: *Str*.
- gigas suis* Rud., 1809a, 125, for *suum*, t. h. *Sus*; Goeze, 1782a.—1809: *Asc*.
- gigas vituli* Rud., 1809a, 125, for *vitulorum*, t. h. *Bos taurus*; Goeze, 1782a.—1809: *Asc*.
- giglio-tosi* Cam., 1908, 114; Purneah, N. Bengal.—1908: *Chord*.
- gilsoni* Stephens, 1909e, 126 misprint for *gibsoni* (*Str*.).
- giraffæ* Dies., 1851a, 294, t. h. *Camelopardalis giraffa*; Cairo, Egypt.—1851: *Trichoc*. 1911: *Trichuris*.
- giraffæ* Linst., 1878a, 55, t. h. *Camelopardalis giraffa*; by Pruner.—1878: *Nematoideum*.
- girardi* Lane, 1917, 758, t. h. *Hystrix bengalensis*; Zool. Gard. Calcutta.—1917: *Gireterakis*, *tod*.
- glaber* Bast., 1865c, 136, marine surface mud from estuary; Falmouth.—1865: *Oncholaimus*. 1890: *O*. (*Viscosia*).
- glandularis* Rud., 1819a, 36, t. h. *Vulpes*; Mus. Wien.—1819: *Str. vulpis*.
- glanidis (siluri)* Linst., 1880a, 53, for *siluri* 1878, t. h. *Silurus glanis*; Ing.—1880: *Asc*.
- glareolæ* Rud., 1819a, 55, t. h. *Glareola austriaca*; Rimini.—1819: *Asc*.
- globicaudatus* Schneid., 1866a, 54, marine; Helgoland.—1866: *Enoplus*. 1874: *Thoracost*.
- globiceps* Man, 1880a, 15, in moist soil; Holland.—1880: *Microlaimus*, mt.
- globiceps* Rud., 1819a, 7, t. h. *Blennius phycis*, *Uranoscopus scaber*; Nap.—1819: *Fil*. 1861: *Ichthyonema*, probably type. 1916: *Philometra*, type.
- globicola* Fabr., 1780a, 268, t. h. *Gasterosteus aculeatus*; Greenland.—1780: *Gord*. 1790: *Asc*. [1801: *Ophiost*.] 1803: *Fus*. 1810: *Ophiost*.
- globicollis* Crep., 1829a, 41, t. h. *Larus maximus*; by Schill.—1829: *Echinor*.
- gobionis* Schrank, 1788a, 2, t. h. *Gobio*; Goeze, 1782a.—1788: *Fil*. 1790: *Asc*. 1803: *Fus*. [1809: *Fil. ovata*.]
- globocaudatus* Dies., 1853a, 34, t. h. *Geotrupes stercorarius*.—1853: *Mastophorus*.
- globocaudatus* Zed., 1800a, 128, t. h. *Stoeckele*; Germany.—1800: *Echinor*.
- globosa* Linst., 1879a, 175, t. h. *Fulica atra*; Ing.—1879: *Tropidocerca*. 1914: *Tetrameres*.
- globosus* Blainv., 1819, 209, for *globulosus* (*Echinor*.).
- globosus* Zed., 1800a, 92, t. h. *Salmo trutta*; by Zed.—1800: *Cucullanus*. 1845: *Dacnitis*. 1858: *Dacnitis*. 1916: *Bulbodacnitis*.
- globulosus* Linst., 1901c, 182, t. h. *Camelus dromedarius*; Mus. Frankfort.—1901: *Trichoc*. 1911: *Trichuris*.
- globulosus* Rud., 1802a, 49, t. h. eel; by Rud.—1802: *Echinor*.
- globulus* Linst., 1899b, 5, t. h. *Felis moormensis*; Sunda Isl.—1899: *Asc*. [1907: *Belasc*.]
- glæcapsarum* Carter, 1859b, 40, on *Glæocapsa*; on walls and gutters; IIs. of Bombay.—1859: *Urolabes*.
- glomerans* Bast., 1865c, 115, in mud; Falmouth, etc.—1865: *Tripyla*, *tsd*. [1865: *Tripyla*, *tsd*.]

- glomeridis* Linst., 1885b, 243, t. h. *Glomeris limbata*; by Linst.—1885: Fil. 1916: Spiropt.
- glomeridis* Linst., 1885b, 246, t. h. *Glomeris limbata*; by Linst.—1885: Oxyuris.
- glophila* Ditlevsen, 1912, 222, misprint for *geophila* (*Spilophora*).
- glutinis* Müell., 1783, 162, quotes *Vibrio anguillula* pars and *Chaos redivivum*.—1783: Vibrio. 1786: *Anguillula*, tsd. 1786: *Vibrio anguillula*. 1815: Gord. 1845: *Rhabditis*.
- glutinosa* Chapais, 1909, 18, for *glutinis*?, in sour paste.—1909: *Anguillula*.
- glycirrhiza* Ben., 1873b, 13, t. h. *Rhinolopus ferrum-equinum*; Belgium.—1873: *Strongylacantha*, mt. [1878: Doch.] 1899: Unc.
- glycirrhiza* Cobbold, 1879b, 294, for *glycirrhiza* (*Strongylacantha*).
- glycirrhiza* Linst., 1878a, 11, for *glycirrhiza* (*Strongylacantha*).—1878: Doch.
- gobii* Rud., 1819a, 57, t. h. *Gobius joza*; C. E. V.—1819: Asc. 1851: *Nematoideum*.
- gobii* Viborg, 1795, 244 [nv.]; Rud., 1809a, 309, t. h. *Cottus gobio*.—1795: *Echinor*. 1809: *Echinor*.
- gobionis* Schrank, 1788a, 2, t. h. *Gobio*; Gæze, 1782a, 126.—1788: Fil. 1790: Asc. 1803: Fus.
- gældii* Steiner, 1914, 429; Switz.—1914: *Aphelenchus*.
- galdi* Blgr., 1917, 210, t. h. *Equus* cab.; Birmingham.—1917: *Cylichnost*.
- gomphoceri-biguttuli* Dies., 1851a, 97, t. h. *Oedypoda biguttula*; Austria.—1851: Fil. [1851: Gord. *œdypodæ-biguttulæ*.]
- gomphoceri-elegantis* Dies., 1851a, 111, t. h. *Gomphocerus elegans*; by Charpentier, based on Sieb., 1850.—1851: *Mermis*.
- gomphoceri-paralleli* Dies., 1851a, 97, t. h. *Oedypoda parallela*; Wien Mus.—1851: Fil. [1851: Gord. *œdypodæ-parallæ*.]
- gomphoceri-viriduli* Dies., 1851a, 111, t. h. *Gomphocerus viridulus*; by Imhof; based on Sieb., 1850.—1851: *Mermis*.
- gordii* Dungal., 1895a, 518, s. *Seta equina*.—1895: *Helminthus*.
- gordii-aquatici* Rud., 1810a, 363.—1810: *Vermis* (*dubius*).
- gordioides* Ben., 1858a (1861a), 269, t. h. *Galeus canis*; Ing.—1858: *Proleptus*.
- gordioides* Hartm., 1821a, 32 [nv.].—1821: *Lumbricus*.
- gordioides* Montg., 1898a, 49; S. Montana.—1898: *Chord*.
- gordius* Müell., 1786a, 60.—1786: *Vibrio*. 1823: *Amblyura*.
- göttingiana* Liebscher [nv.]; Nev.-Lem., 1913, 284, on plants; Gætt.—1913: *Heterodera*.
- gracile* Bast., 1865c, 145, marine; Falmouth.—1865: *Leptosomatum*.
- gracile* Leidy, 1850e (1904a), 100(36), *diesingii* 1838 renamed, t. h. *Blatta orientalis*; by Leidy.—1850: *Streptostoma*. [1850: *Aorurus*.] 1853: *Streptostomum*. 1879: *Oxyurus*.
- gracile* Leidy, 1856b, 52, t. h. *Emys serrata*.—1856: *Spirochoura*,? type. 1861: *Spirura*.
- gracile* Linst., 1899b, 20, t. h. *Francolinus* sp.; Berl. Zool. Gard.—1899: *Oxysoma*. 1914: *Subulura*.
- gracile* Linst., 1900a, 128; Eismeer, nördlich Spitzbergen.—1900: *Anoplost*.
- gracile* Man, 1877a, 101.—1877: *Phanoderma*.
- gracile* Mol., 1858d, 156, t. h. *Gadus merluccius*; Padua.—1858: *Trichosomum* (*Thominx*). 1890: *Trichosoma*.
- gracilescens* Rud., 1809a, 248, t. h. *Phoca barbata*; by Fab.—1809: *Lior*.
- gracilescens* Rud., 1819a, 45, t. h. *Clupea sprattus*, *C. encrasicolus*; Italy.—1819: Asc.
- gracilicauda* Man, 1876a(b), 156(79).—1876: *Rhabditis*.
- gracilicauda* Man, 1893, 91.—1893: *Sphilophora*. 1917: *Spiliphora*.
- gracilicaudatus* Cobb, 1915, 41; Maple River, Mich.—1915: *Ethmolaimus*.
- gracilicaudatus* Cobb, 1917n, 438, in marshy ground; Arlington Farms, Va.—1917: *Mononchus* (*Anatonchus*).
- gracilis* Bast., 1865c, 99, in brackish water; Falmouth.—1865: *Trilobus*, tsd.
- gracilis* Bellingh., 1840a, 349, t. h. *Gadus merluccius*; Ireland.—1840: *Trichosoma*. [1915: Cap. (*Thominx*).]
- gracilis* Ben., 1871a, 28, t. h. *Mugil chelo*; Belgium.—1851: *Echinor*.
- gracilis* Bütsch., 1876a, 373, in Mist; Ing.—1876: *Diplogaster*.
- gracilis* Cobb, 1888a, 30, free; Jena.—1888: *Tylenchus*. [1906: *T. cobbi*.]
- gracilis* Cobb, 1913, 443, aquatic; Potomac River, near Wash., D. C.; also Douglas Lake, Mich.—1913: *Chronogaster*, mt.
- gracilis* Daday, 1911, 487; [Vierwaldstætter-See].—1911: *Limnomermis*.
- gracilis* Daday, 1911, 508; [Vierwaldstætter-See].—1911: *Eumermis*.
- gracilis* Dies., 1838a, 189; 1839a, 225, t. h. *Sudis gigas*; Brazil.—1838 and 1839: *Cheiracanthus*. 1900: *Gnathost*.
- gracilis* Dies., 1851a, 231, t. h. *Vanellus melanogaster*; M. C. V.—1851: *Histioc*.
- gracilis* Eberth, 1863a, 34, marine; Nizza.—1863: *Enoplus*. 1865: *Cyatholaimus*.

- gracilis* Gendre, 1912, 24 (2) t. h. *Buchanga atra assimilis*, *Oriolus auratus*; Abomey.—1912: Disph. 1912: *Acuaria* (*Acuaria*).
- gracilis* Hamm., 1838a, 353, t. h. *Melolontha fullo*; by Hamm.—1838: *Oxyuris*. [1851: *Aorurus*.] 1851: *Thelastoma*. 1851: *Anguillula*. 1853: *Thelastomum*. 1861: *Anguillula* (*Thelastoma*).
- gracilis* Leuck., 1842a, 38, t. h. *Myoxus glis*; by Leuck.—1842: Str. 1861: *Metastr.* 1909: *Heligmosomum*.
- gracilis* Linst., 1876, 16, in *Sande des Bodens des Ratzeburger-See*.—1876: *Diplo-laimus*, mt.
- gracilis* Linst., 1883a, 294, t. h. *Agama sanguinolenta*; Turkestan.—1883: Het.
- gracilis* Linst., 1906, 247, t. h. *Raupen*; E. Java.—1906: *Mermis*.
- gracilis* Man, 1876a (b), 106 (29).—1876: *Dorylaimus*.
- gracilis* Man, 1876a, 172; Leiden, Middleburg, Walcheren.—1876: *Bastiania*, mt.
- gracilis* Man, 1876a, 179, free.—1876: *Sphaerolaimus*.
- gracilis* Man, 1877a, 105.—1877: *Monhystera*.
- gracilis* Man, 1880a, 71, in moist soil; Holland.—1880: *Tylenchus*.
- gracilis* Man., 1888a, 3, free; Walcheren.—1888: *Halalaimus*, mt.
- gracilis* McFadyean, 1896b, 320 t. h. *Bos taurus*; Eng.—1896: Str. 1912: *Hæmon-chus*.
- gracilis* Oerley, 1880a (b), 79 (67).—1880: *Cephalobus*.
- gracilis* Rud., 1809a, 57, t. h. *Simia capucina*; by Albers.—1809: Fil. 1815: *Gord.* (Fil.).
- gracilis* Rud., 1819a, 69, t. h. *Coracias garrula*; by Treutler.—1819: *Echinor*.
- gracilis* Rud., 1819a, 638, t. h. *Cavia aguti*; Brazil.—1819: *Trichoc.* 1916: *Trichu-ris*.
- gracilis* Rud., 1819a, 641, t. h. *Bradypus tridactylus*; Brazil.—1819: *Spiropt.* 1914: *Physoc.*
- gracilis* Sclothhauber, 1860a, 127, t. h. *Coronella lævis*, *Tropidonotus natrix*.—1860: *Oxyuris*.
- gracilis* Stoss. in Shipley & Horuell, 1906a, 89, larva in *Margaritifera vulg.*; Ing.—1906: *Echinocephalus*.
- gracilis* Villot, 1874a, 53, Ténériffe, Gaimard; Mus. Par.—1874: *Gord.*
- gracilis* Ward & Magath, 1917, 61, in black crappie, etc.; Fairport, Ia.—1917: *Spini-tectus*.
- gracilissentis* Van Cleave, 1913, 178, t. h. *Dorosoma cepedianum*; Illinois Riv., Ill.—1913: *Neor.* 1914: *Eor.* 1916: *Neoechinor.* 1919: *Gracilissentis*, tod.
- gracile* Trav., 1915, 154, for *gracile* Bellingh., 1840 (*Trichosoma*).—1915: *Cap.* (*Tho-minx*).
- gracillima* Linst., 1890d, 184, t. h. *Cobitis barbatula*, etc.; Ing.—1890: *Asc.*
- graciloides* Daday, 1908, 12; [Rikwa-See].—1908: *Trilobus*.
- graciloides* Steiner, 1914, 434; Bellinzona, Switz.—1914: *Dorylaimus*.
- graculæ-schreibersi* M. C. V. in Mol., 1860b, 946.—1860: *Spiropt.* [1860: *S. unilateralis*.]
- græcorum* Gruner, 1777a, 257, s. *Vena medinensis*, *V. egrediens*.—1777: *Dracunculus*.
- græcorum* Pall., (1760a) 1768a, 257 [not as sp. name but as so. *Asc.* Linn.].—1768: *Asc.*
- graminearum* Dies., 1851a, 132, *graminis* renamed.—1851: *Anguillula*.
- graminis* Dies., 1851a, 132, apparently for *agrostis* 1799.—1851: *Vibrio*.
- graminis* Hardy, 1850, 182; on *Festuca ovina*.—1850: *Vibrio*. 1909: *Tylenchus*.
- graminum* Cobb, 1893b, 266 (17), in grass; Australia.—1893: *Diplogaster*.
- grandipapillatus* Brakenhoff, 1914, 286; near Sandhatten.—1914: *Trilobus*.
- grandis* Steiner, 1914, 427.—1914: *Tylencholaimus*. 1914: *Xiphinema*.
- grandis* Van Cleave, 1916, 226, t. h. *Quiscalus quiscula*, *Sturnella magna*; U. S. A.—1916: *Medior*.
- granulatus* Cobb, 1913, 442, about roots of aquatic plants; Potomac River, Arlington, Va.—1913: *Nannonchus*, mt.
- granuliferus* Cobb, 1893b, 293 (44), about roots of banana plants; Fiji.—1893: *Dory-laimus*.
- granulosa* Linst., 1906, 168, t. h. *Gallus gallinaceus*; Colombo.—1906: Het. 1912: *Ascaridia*.
- granulosa* Linst., 1906, 256, t. h. *Felis pardus*; Mus. Königsb.—1906: Fil. 1911: *Dirofil.*
- granulosa* Rail. & Henry, 1912, 259, t. h. *Testudo emys*.—1912: *Atractis dactyluris*.
- granulosa* Schneid., 1866a, 32, t. h. *Tachypetes aquilus*; Brazil.—1866: *Asc.*
- granulosus* Bast., 1865c, 120, at roots of oats; Broadmoor. Berks.—1865: *Plectus*.
- granulosus* Cobb, 1893b, 300 (51), in roots stock of banana plants; Fiji.—1893: *Tylen-chus*.
- granulosus* Linst., 1897i, 31, t. h. *Idolomorpha defoliator*; Madagascar.—1897: *Gord.*
- grassi* R., H., & L., 1912, 395, misprint for *grassii* (Fil.).

- grassii* Noë, 1907, 806, t. h. *Canis* fam.—1907: Fil. 1912: *Acanthocheilonema*.
grassii Rail., 1893a, 571, t. h. *Canis* fam.; Sicily.—1893: *Echinor*.
gratianopolensis Charvet of Dies., 1851a, 106 in aqua fluviatili: prope Gratianopolim.—1851: Gord.
gratianopolensis Charvet of Schneid., 1866a, 181.—1866: Gord.
grayi Gemmill, 1901a, 691, t. h. Sea-urchin; Ing.—1901: *Echinonema*.
grayi Gemmill & Linst., 1902a, 113, t. h. *Echinus* escul.: Firth of Clyde.—1902: *Ichthyonema*.
greeffi Reinhardt, 1881, 591; Odessa.—1881: *Desmoscolex*.
griffini Cam., 1898, 74; Vera Cruz.—1898: Chord.
grimaldia Seur., 1915, 157, t. h. *Vulpes atlantica*; Algeria.—1915: *Habronema*.
grønlandicum Levisen, 1882a, 132.—1882: *Chætosoma*.
grønlandicum Schep., 1907a, 160, for *grønlandicum* (*Chætosoma*).
grubii Bast., 1865c, 141; Ing.—1865: *Echelidium*.
gruclicauda Oerley, 1885, 47, misprint for *gracilicauda* (*Rhabditis*).
gruis Linst., 1875a, 197, t. h. *Grus cinerea*, *Ciconia alba*; Ing.—1875: Fil. 1916: *Spiropt*.
gruis Rud., 1819a, 78, t. h. *Ardea grus*; C. E. V.—1819: *Echinor*.
gruis-antigones Cobböld, 1861e, 124, t. h. *Grus antigone*; Ing.—1861: Fil.
gruveli Gendre, 1913, 87 (1), t. h. *Francolinus bicalcaratus*; Dahomey.—1913: *Disph*. 1913: *Acuaria*.
grylli Dies., 1851a, 95, t. h. *Gryllus* sp. incerta; by Holme.—1851: Gord.
grylli Gmel., 1790a, 3040, t. h. *Gryllus*; Gœze 1792a.—1790: Fil.
grylli-bordigalensis Dies., 1851a, 95, t. h. *Gryllus bordigalensis*; by Duf.—1851: Fil. 1851: Gord.
grylli-campestris Dies., 1851a, 95, t. h. *Gryllus campestris*; by E. Bl.—1851: Gord.
gryllotalpa Duf., 1837a, 8, t. h. *Gryllotalpa* vulg.: by Duf.—1846: *Oxyuris*. 1851: *Anguillula*. 1861: *Isacis*.
guatemalensis Linst., 1902a, 228, free; Guatemala.—1902: Gord.
guernaci Certes, 1889, 148: Tierra del Fuego.—1889: *Eubostrichus*. 1914: *Criconema*, type. 1914: *Krikonema*. 1917: *Hoplolaimus*.
guirarti Garin, 1913, 75, t. h. *Leptonychotes weddelli*; S. Pole.—1913: *Physalopt*.
guinardi Maupas, 1900a, 522, in dirt from forest; Algeria.—1900: *Rhabditis*.
guincensis Dugl., 1893a, 440, so. *medinensis*.—1893: Fil. 1900: *Dracunculus*.
guiniensis Dugl., 1893, 1151, so. *medinensis*.—1893: Vermis. (See *medinensis*.)
gulonis Gmel., 1790a, 3032, t. h. *Gulo*; teste Redi.—1790: Asc.
gulonis Rud., 1810a, 374, t. h. *Gulo*; teste Pall.—1810: Asc.
gulonis-sibirici Dies., 1851a, 327, quotes Pall., 1780, 39, -18 *Lumbricus*. [1851: *Eustr. gigas*.]
gulosa Rail. & Henry, 1910, 214, t. h. bœuf; Alfort, Sumatra.—1910: *Thelazia*.
gulosa Rud., 1819a, 40, t. h. *Testudo tabulata*; Berl.—1819: Asc. 1866: *Labiduris*, mt.
gurnardi Rathke [nv.]; Porta, 1905a, 171.—1905: *Echinor*.
gurneyi Potts, 1910, 441, in peaty soil; Norfolk, Eng.—1910: *Rhabditis*.
guttata Schneid., 1866a, 80, t. h. *Falco borigera*; Australia.—1866: Fil. 1915: *Serratospiculum*.
gutturosa Neunl., 1910, 270, t. h. *Bos taurus*; Constantine.—1910: *Onchocerca*.
gymnolaimus Cobb., 1893b, 254 (5), in soil about roots of banana plants; Fiji.—1893: *Mononchus*. 1916: *Iotonchus*, tod.
gymnorhina Gilruth, Sweet, & Dodd, 1910, 236, t. h. *Gymnorhina tibicen*; Zool. Gard. Melbourne.—1910: *Microfil*.
gynmarus Rail., 1899d, 129, t. h. *Phoca vitulina*; Paris.—1899: *Pseudalius*.
gynecophila Dies., 1861a, 674, for *gynecophila* 1858.—1861: *Tropidocerca*. 1914: *Tetrameres*.
gynecophila Mol., 1858 (1859e), 298, t. h. *Ardea nycticorax*; Padua.—1858 (1859): *Tropidocerca*. [1914: *Tetrameres*.]
gypina Duj., 1845a, 194, t. h. *Vultur cinereus*, V. *fulvus*; Mus. Wien.—1845: Asc.
habena Lint., 1900a, 269, t. h. *Opsanus tau*; Woods Hole.—1900: Asc.
habiato-papillosa Linst., 1903t, 353, misprint for *labiato-papillosa* (Fil.).
haematica Leuck., 1867b, 102, t. h. *Canis* fam.; Gruby & Delafond.—1867: Fil.
haematica Schneid., 1866a, 87, t. h. *Canis* fam.; Ing. 1866: Fil. *papillosa*.
haematika Schneidem., 1896a, 307, for *haematica*.—1896: Fil. *papillosa*. [See *papillosa* h. *canis*-fam.]
haematica cameli Pricolo, 1913, 199, t. h. chameau; Tripoli.—1913: Fil.
haematica canis-domestici Gruby & Delafond, 1852a, 9.—1852: Fil. *papillosa*.
hamatopodis Rud., 1819a, 670, t. h. *Hamatopus ostralegus*; Brazil.—1819: *Echinor*.
hamatopodis-ostralegi Crep., 1829a, 35, t. h. *Hamatopus ostralegus*; by Crep.—1829: *Nematoideum*.
hæmisphæricus Linst., 1877a, 2, free; Ratzeburger-See.—1877: *Mitrephorus*, mt.

- hamochrous* Crep., 1846, 130, t. h. *Falco peregrinus*.—1846: *Tetrameres*.
hamonchus Am. Sheep Breeder. Chic., 1909, 516, for *Hamonchus contortus*.—1909: Str.
hamophila Linst., 1903t, 352, t. h. *Bos bubalus*: Malay Peninsula.—1903: Fil.
hæmorrhagica Rail., 1885a, 379, *multipapillosa* C. & D., not *multipapilla* Mol., renamed, t. h. *Equus* cab. (Hungarian); *Condamine & Drouilly*, 1878, 1144.—1885: Fil. 1916: *Setaria*, 1916: *Microfil*.
hærucæ Bosc, 1802a, 4, t. h. *Mus musculus*; *Gœze*.—1802: *Echinor*.
hæruca Lam., 1801a, 336, [t. h. *Mus musculus*; *Gœze*, see *muris* *Schrank*.]—1801: *Echinor*. [See *Pseudoechinor*, *Cysticercus fasciolaris*, *Hæruca*.]
hæruca Pall., (1760) [nv.]; 1766a, 415, *Fasc. barbata* in *Rana* and fish, renamed; *Rud.*, 1802a, 56 in *Rana*.—1766: *Tænia*, 1802: *Echinor*. [See *Pseudoechinor*, *Hærucula*, *Tæniola*.]
haje Wedl, 1861b, 472, t. h. *Uraeus haje*; *Egypt*.—1861: Fil.
halecis Bischoff, 1840a, 242, misprint for *halecis* (*Capsularia*).
halecis Fabr., 1794, 33, in herring; *Kopenhagen*.—1794: *Cucullanus*. [See *halecis* *Gmel.*, 1790.]
halecis *Gmel.*, 1790a, 3037, s. *harengum*, in *halecis vesiculis seminalibus*; *Bloch*.—1790: *Asc.* 1800: *Capsularia*. [1802: Fil. by *Rud.* 1802. 1794: *Cucullanus*, 1809: Fil. *capsularia*.]
haliaëti *Rud.*, 1819a, 76, t. h. *Falco haliaëtus*; C. E. V.—1819: *Echinor*.
halicaris Linst., 1907, 345, for *halicoris* *Owen* (*Asc.*).
halicoris *Owen*, 1833a, 121, *hng.* & *Ing.* [*Halicore*].—1833: *Asc.*
halleri *Fuchs*, 1915, 158, t. h. *Ips typographus*.—1915: *Rhabditolaimus*.
hamanni Linst., 1892h (i), 68 (10), t. h. *Stenor. leptonyx*; S. *Georgien*.—1892: *Echinor*, 1907: *Corynosoma*.
hamata *Crep.*, 1846a, 138, t. h. *Colymbus cristatus*; by *Mehl.*—1846: *Spiropt*.
hamata Linst., 1877a, 11, t. h. *Falco nisus*; *Ing.*—1877: Fil. 1891: *Disph.* 1912: *Acuaria* (*Synhimantus*).
hamata Linst., 1879b, 331, t. h. *Myopotamus coypus*; *Stuttgart Mus.*—1879: *Oxyuris*.
hamata *Simonds*, 1863, 600, t. h. *Ovis aries*; *Eng.*—1863: Fil. 1894: Str.
hamata *Trav.*, 1914, 326, t. h. *Didelphis aurita*; *Rio de Jan.*—1914: *Viannaia*.
hamatus Linst., 1897i, 33 t. h. *Potamochoerus edwardsii*; *Madagascar*.—1897: *Echinor*. [Gigantor.] 1908: *Gigantor*.
hamatus *Rœmer*, 1895b, 801; *Gaboon*, *Sibangafarm*, *W. Africa*.—1895: *Chord*.
hamia *Lane*, 1914, 662, t. h. domestic fowl; *Berhampore*, *Bengal*.—1914: *Ascaridia*.
hamulus Linst., 1907, t. h. *Pavo spicifer*; *Zool. Mus. Kœnigsb.*—1906: *Het*.
hamulata *Natterer* [nv.]; *Bail.*, 1866b, 45, apparently for *hamulosa*.—1866: *Spiropt*.
hamulatus *Leidy*, 1856, 48, *emydis* renamed, t. h. *Emys geographica*, etc.; apparently *Phila.*—1856: *Echinor*.
hamulosa *Dies.*, 1851a, 217, t. h. *Phasianus gallus*; *Brazil*.—1851: *Spiropt*, 1861: *Cheilospirura*, *tsd.* 1890: *Disph.* 1896: Fil. 1911: *Acuaria*, 1912: *Acuaria* (*Cheilospirura*).
harangum *Herbst*, 1787a, 23, for *harengum* (*Gord.*).
harengum *Bloch*, 1782a, 33, t. h. herring. —1782: *Gord.* 1788: *Asc.* [1809: Fil. *capsularia*, 1851: *A. clupearum*.]
harkeri *Stœdter*, 1901a, 72, t. h. *Bos taurus*; *Eng.*—1901: Str.
harpali-ænei *Dies.*, 1851a, 91, t. h. *Harpalus æneus*; *Middlesex*.—1851: Fil. 1851: *Gord*.
harpali-azurei *Dies.*, 1851a, 91, t. h. *Harpalus azureus*; *Kirby & Spence*.—1851: Fil. 1851: *Gord*.
harpali-binotati *Dies.*, 1851a, 91, t. h. *Harpalus binotatus*; *Middlesex*.—1851: Fil. 1851: *Gord*.
harpali-ruficornis *Dies.*, 1851a, 92, t. h. *Harpalus ruficornis*; *Middlesex*.—1851: Fil. 1851: *Gord*.
hartingii *Man*, 1880a, 93, in moist soil; *Holland*.—1880: *Dorylaimus*.
hastatus Linst., 1905cc, 274, t. h. *Tetrao tetrix*; *Ing.*—1905: Str.
havensteinii *Kühn*, 1881 (nv.).—1881: *Tylenchus*.
havensteinii *Cobb*, 1893b, 300 (51) for *havensteinii* (*Tylenchus*).
hawaiiensis *Cobb*, 1906, 164, about roots of diseased cane; *Hilo*.—1906: *Dorylaimus*.
hawaiiensis *Cobb*, 1906, 165, about roots of diseased cane; *Hilo*, *H. I.*—1906: *Cephalobus*.
hawaiiensis *Cobb*, 1906, 165; *Hilo*, *H. I.*—1906; *Prismatolaimus*.
hawaiiensis *Cobb*, 1906, 184; about roots of diseased cane; *Hawaii*.—1906: *Plectus*.
hawkeri *Cam.*, 1902a, 1, in water; *Suda*.—1902: *Chord*.
hebetata *Cobb*, 1873m, 676, t. h. Crested seal; *Liverpool?*—1873: Fil.
heiderei *Stefanski*, 1916 [nv.].—1916: *Criconema*, 1917: *Hoplolaimus*.
heleцина *Leidy*, 1886c, 310, for *helicina* (*Fil.*).

- helicina* Mol., 1858c, 391, t. h. *Plotus anhinga*; Brazil.—1858: Fil.
helicina Mol., 1860e, 337, t. h. *Crocodilus acutus*; M. C. V.—1860: Asc. 1916: *Trispiculasc.* tod.
helicina Mol., 1860b, 948 (40), t. h. *Alcedo americana*, etc.; Brazil.—1860: *Spiropt.* 1910: *Pelecitus*, tod.
helieis Conte & Bonnet, 1903a, 198, t. h. *Helix aspersa*; Lyon.—1903: *Angiost.*
helix Linst., 1899b, 16, t. h. *Fulica atra*; Emden.—1899: *Spiropt.*
hellichi Sramek, 1901a, 95, t. h. *Barbus fluv.*, *Squalius dobula*; Podiebrad, Böhmen.—1901: Fil.
helophilus Man. 1880a, 68, in moist soil; Holland.—1880: *Aphelenchus*.
helopsis Pall. 1813, 102 [nv.]; Duj., 1845a, 192; t. h. *Acipenser helops*.—1813: Asc. 1845: Asc.
helvetica Daday, 1911, 495, Vierwaldstätter-See.—1911: *Bathymermis*.
helvetica Steiner, 1914, 421; Vierwaldstätter-See.—1914: *Monohystera*.
helvetica Steiner, 1914, 431; Switz.—1914: *Dorylaimus vesuvianus*.
helveticus Daday, 1911, 502; Vierwaldstätter-See, etc., Switz.—1911: *Ironus*.
helveticus Hofmæn. in Hofmæn. & Menz., 1914, 10; lac Léman, etc., Switz.—1914: *Trilobus*.
hemicolor Cobbold, 1876, 294, t. h. *Pithecia leucocephala*; Zoo.—1876: Str.
hemicycla Mol., 1858c, 377, t. h. *Psittacus menstruus*; Matogrosso, Brazil.—1858: Fil.
hemimathi Shipley, 1896c, 207, t. h. *Hemignathus procerus*; Kauai, Sandwich IIs.—1896: *Arhynchus*, mt. 1899: *Aporor.*, mt. 1905: *Neor.*
hemorrhagica Hobday, 1898b, 266, for *hæmorrhagica* (Fil.).
henryi Skrj., 1915, 698, t. h. *Vanellus cristatus*; Turkestan.—1915: *Amidost.*
hepatica Cobbold, 1873c, 92, t. h. *Canis fam.*; by Mather.—1873: Fil.
hepatica Linn., 1758a, 648, t. h. *Ovis aries*; Europe.—1758: Fasc. 1910: Fil. [lapsus for *Fasciola h.*].
hepatica n. sp. Linst., 1898c, 283, t. h. *Pteropus neohibernicus*; Ralum.—1898: Fil.
hepatica Mol., 1858c, 419, t. h. *Jaccus* (Hepale) *chrysopygus*; Ypanema.—1858: Fil. *jacchi-chrysopygi*.
hepaticola Linst., 1901e, 278, t. h. *Gadus callarias*; Weisses Meer; Petrograd Mus.—1901: *Echinor.*
hepaticum de Gasperi, 1913, 642, t. h. chimpanzee; Paris.—1913: *Trichosoma*.
hepaticus Bancroft, 1893a, 86, t. h. common rat (Mus); N. S. W.—1893: *Trichoc.* 1898: *Trichosomum*. 1901: *Trichosoma*. 1915: Cap. 1916: *Hepaticola*, tod.
hepaticus Mol., 1858d, 141, t. h. *Garrulus pica*; Padua.—1858: *Echinor.*
hepiloti-humuli Dies., 1851a, 103, t. h. *Hepiolus humulus*; Coll. Hope.—1851: Fil. 1851: Gord.
herculeus [nv.]; Bosanquet, 1894a, 421.—1894: *Lumbricus*.
heringii Linst., 1879b, 320, t. h. *Myrmecophaga jubata*; by Hering.—1879: Asc.
hermaprodita Frœl., 1789a, 151, t. h. [*Psittacus æstivus*; by Frœl.].—1789: Asc. 1916: *Ascaridia*.
hermaproditus Schneid., 1859a, 177, t. h. *Arion empiricorum*.—1859: *Pelodytes*.
herpetica Roger, 1907h, 389 [nv.]; 1908a, 184; in horse; Oran.—1907: Fil.
heruca Köhler, 1887c, 1192, for *hæruca* (*Echinor.*).
heruca Scop., 1777, 383.—1777: *Tenia*. [1777: *Heruca*.]
hessi Steiner, 1914, 267; Switz.—1914: *Bunonema*.
hessi Steiner, 1914, 423; La Ciburgh, Switz.—1914: *Diplogaster*.
heteracanthus Linst., 1896a, 13, t. h. *Atherinichthys microlepidotus*; Coll. Mich.—1896: *Echinor.* [1907: *Echinoma*.]
heterocephalus Cobb. 1914, 38, fresh water; Wyoming & Florida.—1914: *Dolichodorus*, mt.
heterocercus Nitzsch in Gieb., 1857a, 267, t. h. *Strix aluco*; Germany.—1857: *Echinor*.
heterochrous Rud., 1802a, 36, t. h. *Pleuronectes flesus*; Greifsw.—1802: *Cucullanus*. 1858: *Dacnitis*.
heteroclitia Mol., 1860b, 944, t. h. *Crax urumutum*; Brazil.—1860: *Spiropt.* 1904: *Oxy-spirura*.
heterodera Chapais, 1909, 17.—1909: *Anguillula*.
heterogamia Galeb, 1878b, 295 (13), t. h. *Heterogamia aegyptiaca*; Egypt.—1878: *Oxyuris*.
heteroura Crep., 1829b, 20, apparently misprint for *heteroura*, in *Charadrius pluvialis*; by Crep.—1829: Asc.
heterolobus Dies., 1838a, 189, t. h. *Manatus australis*; Brazil.—1838: *Loboc.*, mt. [1839: *Heterocheilus*, type.]
heteroptera Dies., 1851a, 175, t. h. *Ibis albigollis*, *I. nudifrons*; Brazil. M. C. V.—1851: Asc.
heterophynechus Par., 1887b, 367 (95), t. h. *Coluber viridiflavus*; Karalis.—1887: *Echino r*

- heteroura* Mehl., 1831a, 90, cf. *heteroira*. t. h. *Charadrius pluvialis*; by Crep.—1829: Asc.
- heterurus* Cobb, 1914, 100 (66), fresh water pond; near Ocala, Fla.—1914: *Oncholaimellus*.
- heterurus* Oerley, 1880a (b), 85 (77).—1880: *Rhabditis*.
- hexacanthum* Wedl, 1856a, 52, new name for *tetracanthum*.—1856: *Sclerost*.
- [*hexacanthus* Duj., 1845a, 497, t. h. *Mugil labeo*; Rennes.—1845: *Echinor*.
- hians* Duj., 1845a, 270, t. h. *Murena conger*; Rennes.—1845: *Dacnitis*. 1887: *Het*.
- hibernicum* Southern, 1914a, 59; Clew Bay.—1914: *Chætosoma*.
- hilgerti* Seur., 1914, 755, t. h. *Ctenodactylus gundi*; Bou-Saâda.—1914: *Oxyuris*. 1916: *Syphacia*.
- hippocampi* Rud., 1819a, 56, t. h. *Syngnathus hippocampus*; Rimini.—1819: Asc.
- hippopotami* Leiper, 1910, 234, t. h. *Hippopotamus*; Victoria Nile.—1910: Fil.
- hippuris* Zed., 1803a, 160, t. h. *Coryphæa hippur*; quotes Bosc & Rud.—1803: *Echinor*.
- hipsirhinæ* Chatin, 1876a, 803, t. h. *Hipsirhina bocourti*; Cochinchina.—1876: *Hedruris*.
- hiri* Gmel., 1790a, 3032, in *hiri* intestinis, Darm eines africanischen Bocks; teste Geze.—1790: Asc. 1803: Fus. [1809: *Nematoideum antilopes*.]
- hirsuta* Ben., 1871a, 70, t. h. *Osmerus eperlanus*; Belgium.—1871: Asc.
- hirsutus* Bast., 1865c, 154; Falmouth.—1865: *Linhomæus*, tsd. 1907: L. (*Linhomæus*).
- hirsutus* Bast., 1865c, 157, in marine mud; Falmouth.—1865: *Sphærolaimus*, mt.
- hirsutus* Cobb, 1894c, 413; Bay of Naples.—1894: *Synonchus*.
- hirtum* Mar., 1870a, 22; Frioul, etc.—1870: *Enoplost*., ?type.
- hirudinaceus* Pall., 1781a, 107, t. h. *Sus scrofa dom.*; Europe.—1781: *Tænia*. 1893: *Gigantor*. [1904: *Echinor*.] 1908: *Echinor*. 1913: *Gigantor*.
- hirudinum* Marval, 1905a, 362, for *hirundinum* (*Echinor*).
- hirundinacea* Dies., 1851a, 320, for *hirudinaceus* Pall., 1781.—1851: *Tænia*. 1904: *Echinor*. 1908: *Gigantor*.
- hirundinæ* Trav., 1915, 159 for *hirundinis* Rud., 1819a (*Trichosoma*).—1915: Cap.
- hirundinis* Rud., 1819a, 15, t. h. *Hirundo rustica*; C. E. V.—1819: *Trichosoma*. [1915: Cap.]
- hirundinis-apodis* Crep., 1829b, 34, t. h. *Hirundo apus*; by Crep.—1829: *Nematoideum*.
- hirundinum* Rud., 1819a, 77, t. h. *Hirundo apus*, *H. rustica*; C. E. V.—1819: *Echinor*.
- hispida* Schlotthauber, 1860a, 126, t. h. *Anas boschas fera*; by Schlotth.—1860: *Spiropt*.
- hispidum* Fedtsch., 1872a [nv.].—1872: *Gnathost*. 1882: *Cheiracanthus*. 1893: *Cheiracanthus*.
- hispidum suis* Csokor, 1882a, 1, in swine; Austria.—1882: *Gnathost*.
- hispidus* Linst., 1906, 243, t. h. *Thamnotrizon apteri*; Tirol.—1906: Gord.
- [*hispidus* A. Schneid., 1875f, 514, t. h. *Lithobius forcipatus*; Ing.—1875: *Echinocephalus*.]
- histrix* Cobb, 1898a (b), 315 (20).—1898: *Xyo*, mt. 1912: *Hystriognathus*.
- hæmorrhagica* Assenova, 1899, 103, for *hæmorrhagica* (Fil.).
- hofmännerei* Menz. in Hofmæn. & Menz., 1914, 88, in Moospolstern und an Graswurzeln; Rhætikon, Tessin, Kalkalpen.—1914: *Dorylaimus*.
- hoffmanni* Zed., 1800a, 23, t. h. *Darboth*; Holland.—1800: Fus. [1802: Asc. *collaris*.] 1803: Fus. [1809: Asc. *collaris*.]
- holoptera* Rud., 1819a, 53, t. h. *Testudo myda*; Mus. Wien.—1819: Asc.
- hominis* Babès, 1879a, 554, t. h. *Homo*; Budapest.—1879: Fil. *peritonei*. 1880: F. *peritonæi*.
- hominis* Cobbold, 1866a, 7, for *hominis* (*viscerum*).—1866: *Nematoideum*. [1866: *Pentast. constrictum*.]
- hominis* Dies., 1851a, 279, for *hominis* *bronchialis* (Fil.).
- hominis* Dies., 1851a, 329, t. h. *Homo*; by de Gland, 1823.—[1823: Gord. *aquaticus*.] 1851: *Nematoideum*.
- hominis* Gerv. & Ben., 1859b, 145, t. h. *Homo*.—1859: Fil. *bronchialis*. 1882: F. *bronchialis*.
- hominis* Kræmer, 1853a, 294.—1853: *Trichina spiralis*.
- hominis* Küech., 1856e, 85.—1856: *Oxyuris vermicularis*.
- hominis* Lancet, Lond., 1872, 310, t. h. *Homo*; Calcutta.—1872: Fil. *sanguinis*. 1889: F. *sanguis*.
- hominis* Leuck., 1876a, 729, t. h. *Homo*; Lambl, 1859a. (Prag).—1876: *Echinor*.
- hominis* Lutz, 1887a, 48, *strongyloides* Leuck. renamed.—1887: *Rhabdonema*.
- hominis* Magal., 1892h, 513, see *magalhæsi*.—1892: Fil. *sanguinis*.
- hominis* Oken, 1815a, 197, t. h. *Homo*; Journ. d. Physique.—1815: *Ophiost*.
- hominis* Pœppel, 1897a, 10, for *duodenale*.—1897: *Doch. duodenalis*. [1898: *Ankylostoma*. [1898: *Ancylostoma*.] 1904: *Unc*.

- hominis* [Pöppel] Leichtenstern, 1898d, 980, for duodenale.—1898: *Ankylostoma* [1898: *Ancylostoma*.] 1904: Unc.
- hominis* Rud., 1809a, 124, for hominum, t. h. Homo; Europe.—1809: *Asc. lumbricoides*. 1809: *Asc. gigas*.
- hominis* Rud., 1809a, 124.—1809: *Lumbricus teres*.
- hominis* Rud., 1819a, 27, t. h. Homo; Eng.—1819: *Spiropt.* 1866: *Speropt.*
- hominis* Schrank, 1788a, 4, t. h. Homo; Gœze, 1782a.—1788: *Trichoc. type.* 1791: *Trichuris*. [1782: *Trichocephalos, type.*] 1801: *Trichoc. type.* 1801: *Tricoc.* 1803: *Mastigodes, type.* 1853: *Trichocephalos*.
- hominis* Vaull., 1901a, 129, for humani.—1901: *Fil. oculi*.
- hominis ægyptiaca* Sons., 1874 or 1875 [nv.]: in Fayrer, 1876a, 284; t. h. Homo; Egypt.—1874 or 1875: *Fil. sanguinis*.
- hominis bancrofti* Author?; Stiles, 1907b, 44.—1907: *Fil. sanguinis*.
- hominis bronchialis* Rud., 1819a, 7, lymphatica renamed, t. h. Homo.—1819: *Fil.*
- hominis bronchiolis* Cast. & Chalm., 1910, 1186, for h. bronchialis (*Fil.*).
- hominis diurna* Mans., 1891f, 734, see diurna.—1891: *Fil. sanguinis*.
- hominis ægyptiaca* Fayrer, 1876, 552; 1879b, 189; see s. h. ægyptiaca.—1876: *Fil. sanguinis*.
- hominis intestinalis* Leichtenstern, 1886c, 238, for *Ancylost. duodenale*.—1886: *Str.*
- hominis major* Mans., 1891b, 4. See *sanguinis hominis major* (*Fil.*).
- hominis minor* Mans., 1891b, 4. See *sanguinis hominis minor* (*Fil.*).
- hominis nocturna* Mans., 1891f, 734. See *nocturna*.—1891: *Fil. sanguinis*.
- hominis nocturnæ*. See *sanguinis hominis nocturnæ* (*Fil.*).
- hominis nocturnis* Johnstone, 1903a, 34. See *sanguinis hominis nocturnis* (*Fil.*).
- hominis oris* Leidy, 1850f, 117, t. h. Homo; Phil. Acad., U. S. A.—1850: *Fil.* 1913: *Fil. sanguinis*. 1916: *Agamomermis*. 1916: *Mermis*.
- hominis oris* Daniels, 1914, 273, misprint for *hominis oris* (*Fil.*).
- hominis perstans* Mans., 1891f, 734. See *perstans*.—1891: *Fil. sanguinis*.
- hominis sanguinis* Ijima, 1889b, 350, for *sanguinis hominis* (*Fil.*).
- hominis (ventriculi)* Dies., 1851a, 329, t. h. Homo; by De Gland, 1823.—[1823: *Gord. aquaticus*.] 1851: *Nematoideum*.
- hominis (viscerum)* Dies., 1851a, 329, t. h. Homo æthiopicus; by Pruner.—1851: *Nematoideum*.
- hominum* Gœze, 1782a, 65, *lumbricoides* 1758 renamed, t. h. Homo; Europe.—1782: *Asc.* 1800: *Fus. lumbricoides*.
- hominum* Hall, 1885a, 40 for *hominis*.—1885: *Fil. sanguinis*.
- hominus* A., D., & E., 1901b, 12, for *hominis* 1879.—1901: *Fil. peritonei*.
- hopkeni* Leiper, 1910, 233, t. h. Hippopotamus; Victoria Nile.—1910: *Nematodirus*.
- hordei* Schøyen, 1885a, 1, forming nodules on roots; Jotunheim.—1885: *Tylenchus*.
- horrida* Dies., 1851a, 278, t. h. Rhea americana; Brazil.—1851: *Fil.* 1861: *Dicheilonema*. 1917: *Contortospiculum, tod.*
- horridus* Leidy, 1856b (1904a), 53 (99), t. h. Alligator mississippiensis; Georgia.—1856: *Cheiracanthus*. 1900: *Gnathost.*
- horridus* Linst., 1875a, 6, t. h. Anas ferina; lug.—1876: *Acanthophorus*.
- horridus* Linst., 1898c, 290, t. h. Saurcatis sancta; Rahum.—1898: *Echinor.* 1912: *Cheutrosoma*.
- horridus* Luehe, 1912, 278.—1912: *Rhadinor.*
- horridus* Rud., 1809a, 35, t. h. Scolopax gallinula; Greifsw.—1809: *Str.* 1851: *Spiropt.*
- horsti* Cam., 1897a, 3; Borneo.—1897: *Gord.*
- hominis sanguinis nocturna* (Mans., 1891) Daniels, 1904, 16, for s. hominis n.—1904: *Fil.*
- hospes* Linst., 1882a, 16, t. h. Armadillo vulg., etc.—1882: *Agamonematodum*.
- houbara* Dies., 1851a, 321, t. h. Otis houbara; Offenbach, Meyer, 1831, 407.—1851: *Str.*
- humana* Chiaje, (1844a), 112, t. h. Homo [nv.].—1844: *Spiropt.*
- humana* Knox, 1843a, 805, so. *Trichina spiralis*.—1843: *Vibrio*.
- humani* La Clínica de Malaga, 1883, 309 for *hominis*.—1883: *Fil.*
- humani* Nordm., 1832a, 7, t. h. Homo; Berl.—1832: *Fil. oculi*. 1896: *Fil. okuli*.
- humilis* Leidy, 1856b, 51, t. h. Tropidonotus sirtalis; [U. S. A.]—1856: *Asc.*
- lumbricoides* Braun, 1883a, 147, misprint for *lumbricoides* (*Asc.*).
- husonis* Rud., 1819a, 78, t. h. Acipenser huso; C. E. V.—1819: *Echinor.*
- hyacinthi* Prilleux, 1881, 258, in *Jacinthe romaine*; France.—1881: *Tylenchus*.
- hyalina* Linst., 1890d, 182, t. h. Sorex vulg.; by Linst.—1890: *Fil.*
- hyaline* Linst., 1891, 245, t. h. *Hyalina cellaria*; Germany.—1891: *Mermis*.
- hyans* Mol., 1861c, 309, for hians (*Dacnitis*).
- hydri* Rud., 1819a, 21, t. h. Hydrus caspius; C. E. V.—1819: *Cucullanus*.

- hydrobii* Galeb., 1878b, 297 (15), t. h. *Hydrobus fuscipes*; ?Europe.—1878: *Oxyuris* (*Helicothrix*).
- hydrocheri* Trav., 1914, 326, t. h. *Hydrocherus capibara*; Estado do Rio.—1914: Viannaia.
- hydrocheri* Trav., 1916, 314, t. h. *Hydrochærus capibara*; Rio de Janeiro.—1916: Cap. (*Thominx*).
- hydroi* Galeb., 1878b, 297 (15), t. h. *Hydrous caraboides*; Ing.—1878: *Oxyuris* (*Helicothrix*).
- hydrophilii* Dies., 1851a, 92, t. h. *Hydrophilus* sp.; by Deslgch.—1851: Gord.
- hydrophili* Galeb., 1878b, 297 (15), t. h. *Hydrophilus piceus*; Ing.—1878: *Oxyuris* (*Helicothrix*).
- hyla* Johnst., 1914, 83, t. h. *Hyla cærulea*; Australia.—1914: *Echinor*.
- hylobii* Fuchs., 1915, 195, t. h. *Hylobius*.—1915: *Diplogaster*.
- hylotrupis-bajuli* Dies., 1851a, 93, t. h. *Hylotrupis bajulus*; Austria.—1851: Fil. 1851: Gord.
- hypostomun* Bail., 1866b, 23, misprint for *hypostomum* (*Sclerost*).
- hypostomus* Rud., 1819a, 33, t. h. *Antilope rupicapra*; Mus. Wien.—1819: Str. 1845: *Sclerost*. 1851: Doch. 1911: *Chabertia*.
- hystrichis* Mol., 1860b, 975, for *hystricis* (*Spiropt*).
- hystricis* Rud., 1809a, 243, t. h. *Hystrix*; Redi, 136.—1809: Str. 1819: *Spiropt*.
- hystricis-prehensilis* M. C. V. in Mol., 1858c, 382, t. h. *Hystrix* (*Cercolabes*) *prehensilis*; Villa Maria.—1858: Fil.
- hystrix* Brems. in Rud., 1819a, 75, t. h. *Pelecanus carbo*; Mus. Wien.—1819: *Echinor*. [1904: *Corynosoma*.] 1908: *Corynosoma*.
- hystrix* Johnst., 1912, 75, for *histrix* Cobb, 1898.—1912: Xyo. 1912: *Hystriognathus*.
- hystrix* Dies., 1851a, 188, t. h. *Podocnemis erythroc*; Marabitanos.—1851: Asc. 1910: *Atractis*.
- hystrix* Mol., 1858c, 408, t. h. *Strix flammea*; Ypanema.—1858: Fil.
- hystrix tunitæ* Weiss, 1914, 120, t. h. *Sula bassana*; Isle de Djerba [nv.].—1914: *Corynosoma*.
- iacchi* Stoss., 1896a, 68 (62), for *jacchi* (Asc.).
- ibidis* Eberth, 1863a, 48.—1863: *Trichosoma*.
- ibis* Mol., 1860b, 984, t. h. *Ibis rubra*; Brazil.—1860: *Spiropt*.
- ichthyuris* Cobb, 1906, 164, about roots of diseased cane; Hawaii.—1906: *Dorylaimus*.
- icosiensis* Maupas, 1916, 607, free & in coprophagous coleopt.; Alger.—1916: *Rhabditis*.
- icosiensis* Seur., 1917, 354.—1917: *Strongyluris*.
- icteri-pyrrhopteri* (*abdominalis*) Mol., 1858c, 423, t. h. *Icterus pyrrhopt*; Brazil.—1858: Fil.
- idbari* Gmel., 1790a, 3050, t. h. [*Cyprinus idbarus*]; Müell.—1790: *Echinor*.
- identatus* Leneveu, 1915, 593, for *edentatus* (Str.).
- ignavus* Bast., 1865c, 104, aquatic; Easthamstead Plain & Sandhurst.—1865: *Ironus*, mt.
- ignavus brevicaudatus* Brakenhoff, 1914, 282, for *ignavus* of de Man; Holland.—1914: *Ironus*.
- ignavus typicus* Brakenhoff, 1914, 281, for *ignavus* of Bast.; Eng.—1914: *Ironus*.
- ignotus* Jægers., 1909, 2, t. h. *Ardea cocoi*, etc.; Berl. & Wien Mus.—1909: *Eustrongylides*.
- iguanae* Smith, A. J., 1908a, 269, t. h. *Cyclura nubila*; from Cuba.—1908: *Spiropt*.
- iminitis* Fayrer, 1879b, 222, misprint for *immitis* (Fil.).
- immitis* Weidman, 1912, 39, misprint for *immitis* (Fil.).
- immitis* Leidy, 1904a, 157, misprint for *immitis* (Fil.).
- immitis* Leidy, 1856b, 55, t. h. *Canis fam.*; [U. S. A.].—1856: Fil. 1875: *Spiropt*. 1886: Fil. *sanguinis*. 1911: *Dirofil.*, tod. 1914: *Microfil.*
- immutatum* Ward & Magath, 1917, 61, t. h. *Amia calva*; Fairport, Ia.—1917: *Haplonema*, tod.
- imbricata* Mol., 1860b, 972, t. h. *Tantalus loculator*; Brazil.—1860: *Spiropt*.
- impar* Cobb, 1915, 111, in rotting wood of red oak; Wash., D. C.—1915: *Bunonema*.
- impar* Savelev, 1912, 119, Strandzone; Catharinahafen.—1912: *Axonolaimus*.
- impar* Schneid., 1866a, 106, t. h. *Osmerus eperianus*.—1866: *Ancyracanthus*. 1916: *Cystidicola*.
- impatiens* Cobb, 1888a, 32, free; Kunitz, Jena.—1888: *Spilophora*.
- imperatoris* d'Herelle & Seidlin, 1909, 409, t. h. *Boa imperatoris*; Yucatan.—1909: Fil. [1909: *Microfil.*]
- imperfectus* Büetsch, 1876a, 363, in faulenden Pilzen; Ing.—1876: *Tylenchus*.
- impetuousa* Cobb, 1906, 186, about the roots of diseased cane; Hawaii.—1906: *Monhystera*.
- implicata* Corti, 1906, 627, n. n. for *Paramermis contorta* Linst. of Kuhn.—1906: *Hydromermis*.

- impressus* Schneid., 1866a, 179; probably Berl.—1866: Gord.
impudicus Dies., 1851a, 29, t. h. *Doras niger*; Brazil.—1851: Echinor. [1907: *Chentrosoma*, ? type.]
inæqualis Bast., 1865c, 166, marine surface mud; Falmouth.—1865: *Spiliphora*. 1874: *Spilophora*. 1888: *Hypodontolaimus*, tsd.
inæqualis Müell., 1776a, 216.—1776: *Lumbricus*.
inæqualis Rud., 1809a, 261, t. h. *Falco buteo*; by Jurine.—1809: Echinor.
inarimense Panceri, 1878, 7, marine.—1878: *Tristichochæta*, mt.
incerta Smith, A. J., 1908b, 269 (21), t. h. parakeets, etc.; Phila. Zoo.—1908: *Spiropt*.
incertum Sons., 1896m, 440, t. h. *Equus cab.*; Zagazig.—1896: *Anchylostomum*. [1896: *Ancylostoma*.] 1897: *Anchylostomum*. 1898: *Anchylostomum*. 1911: *Ankylostoma*.
incertus Villot, 1874a, 53, Tasmania; Mus. Paris.—1874: Gord.
incisa Rud., 1802a, 20, t. h. *Talpa europæa*; by Rud.—1802: Asc. 1803: Fus. 1809: Asc.
incisus Southern, 1914a, 17; Clew Bay.—1914: *Dipeltis*.
incognita Kofoid & White, 1919, 567, t. h. *Homo*; U. S. A.—1919: *Oxyuris*.
incoluta Müell., 1897a, 6, misprint for *involuta* (Fil.).
incrassata Mol., 1858d, 146, t. h. *Trygon brucho*; Padua.—1858: Asc.
incrassata Mol., 1858c, 389, t. h. *Bradypus tridactylus*, *Nasua narica*; Rio negro, Brazil.—1858: Fil.
incrassatum Dies., 1851a, 257, exilis renamed, t. h. *Sorex tetragonurus*; Rennes.—1851: *Trichosoma*. 1915: Cap. (Cap.).
incrassatus Mol., 1858 (1859e), 294, t. h. *Gobius paganellus*; Padua.—1858: Echinor.
increscens Mol., 1858d, 147, t. h. *Lophius piscatorius*; Padua.—1858: Asc.
incurva Linst., 1908, 22, t. h. *Erinaceus frontalis*; S. Africa.—1908: *Physalopt*.
incurva Rud., 1819a, 292, t. h. *Xiphias gladius*.—1819: Asc.
[incurvata Perronc., 1882a, 336 (Ossiuride). See curvula (Oxyuris).]
incurvus Cobb, 1917n, 435, in cranberry bog; Arlington Farm, Va.—1917: *Mononchus* (*Mylonchulus*).
index Cobb, 1906, 165, about roots of diseased cane; Hawaii.—1906: *Mononchus*. 1917: *Mononchus* (*Mylonchulus*).
indica Schultz, 1899a, 132, t. h. *Papilio helenus*; India.—1899: Mermis.
indica Sweet, 1915, 19, t. h. *Bos bubalis*, *Bos indicus*; India.—1915: *Onchocerca*.
indicum Stewart, 1914, 249; Indian Mus.—1914: *Leptosomatum*.
indicus Linst., 1907, 45, free; Port Canning, Lower Bengal.—1907: *Oncholaimus*.
indicus Rail. & Henry, 1910, 312, t. h. *Tapirus indicus*; Alfort.—1910: *Brachyclonus*, tod.
inequale Cobb, 1915, 101, t. h. rotting wood of red oak; Wash., D. C.—1915: *Bunonema*.
inermis Bast., 1865c, 150, marine; Falmouth.—1865: *Enoplus*.
inermis Büetsch., 1874b, 258, t. h. roots of garlic; Germany.—1874: *Diplogaster*.
inermis Grassi, 1887g, 617, conjunctivæ renamed, t. h. ass, horse, man; Mailand, Catania, Italy.—1887: Fil.
inermis Kessler, 1869, 119 [nv.].—1869: Gord.
inermis Linst., 1879a, 176, t. h. *Astur nissus*, *A. palumbarius*; by Linst.—1879: *Tropidocerca*. 1914: *Tetrameres*.
inermis Linst., 1906, 249, t. h. *Sciurus prevosti*; Koenigsb.—1906: *Physalopt*.
inermis Mol., 1861a (b), 540 (116), t. h. *Bothrops jararaca*, etc.; Ypanema.—1861: Kalic., ? type. 1909: *Diaphanoc.* 1899: *Sclerost*.
inermis Schneid., 1866a, 158, in moist soil and decaying substance.—1866: *Leptodera*. 1880: *Rhabditis*.
inermis Zed., 1800a, 84, t. h. *Murena anguilla*; by Zed.—1800: *Gœzia*. [1901: *Lior*.] 1803: *Cochlus*. 1915: *Spinitectus*.
iners Bast., 1865c, 109, in moss; Falmouth.—1865: *Dorylaimus*.
infecta Leidy, 1849a, 229, t. h. *Julus marginatus*; Ing. [apparently U. S. A.]—1849: Asc. 1849: *Isacis*.
infernalis Linn., 1758a, 644.—1758: *Furia*, mt.
infestus Cobb, 1893b, 289 (40), among sheaths of diseased banana plants; Fiji.—1893: *Cephalobus*.
inflata Drasche, 1884b, 328, t. h. *Testudo græca*; Trieste or Mus. Wien.—1884: *Oxyuris*.
inflata Linst., 1883a, 297, t. h. *Pterocles arenaria*.—1883: *Oxyuris*.
inflata Linst., 1890d, 180, t. h. *Scyllium immoratum*.—1890: *Spiropt*.
inflata Mehl. in Crep., 1846a, 135, t. h. *Charadrius pluvialis*, *Ciconia nigra*; Ing.—1846: *Spiropt*. 1861: *Tropidocerca*. 1892: *Tropisurus*. 1914: *Tetrameres*. 1915: *Tetrameres* (*Microtetrameres*).
inflata Mol., 1860b, 976 (68), t. h. *Falco uncinatus*; M. C. V., Brazil.—1860: *Spiropt*. 1889: *Physalopt*.

- inflatus* Crep., 1829b, 39, t. h. *Charadrius hiaticula*, *Hæmatopus ostralegus*; by Crep. & Laur.—1829: *Echinor*.
- inflatus* Mol., 1861a, 520, t. h. *Myrmecophaga jubata*; M. C. V.—1861: *Str*.
- inflatus* Rud., 1809a, 270, t. h. *Salmo salar*; by Müell. & Rud.—1809: *Echinor*.
- inflatus* Schneid., 1866a, 129, t. h. *Bos taurus*; Ing.—1866: *Str*. 1885: *Oesophagost*. [*inflato* Perronc., 1882a, 366, for *inflatus* (Str.).]
- inflatum* *bovis* Carità, 1887c, 139 [nv.]; Rail., 1888k, 218 (3); t. h. *Bos taurus*.—1887 or 1888: *Oesophagost*.
- inflatum* *ovis* Carità, 1887a, 60 [nv.]; Rail., 1893a, 450, t. h. *Ovis aries*.—1887 or 1893: *Oesophagost*.
- inflessa* Perronc., 1882a, 305 (probably for *inflexa*).—1882: *Asc*.
- inflexa* Duj., 1845a, 294, t. h. *Mullus*; Med.—1845: *Trichina*.
- inflexa* Hempr. & Ehrenb., 1828, niloticus renamed, aquatic; Nile.—1828: *Anguillula*.
- inflexa* Zed., 1800a, 21, t. h. *Anas boschas dom.*, etc.; by Zed.—1800: *Fus*. 1809: *Asc*. [1893: *Het. perspicillum*.]
- inflera* Zed. 1800 of Rud., 1819a, 38.—1845: *Asc*. (*Ascaridia*). 1853: *Ascaridia*. 1866: *Het*.
- inflexocaudata* Sieb., 1842a, 348, t. h. common dolphin; by Sieb.—1842: *Fil*.
- inflexum* Dies., 1861a, 704, dipetala 1858 renamed, t. h. *Platyrrhynchus pitangua*; Brazil.—1861: *Dipetalonema*.
- inflexum* Rud., 1819a, 13, t. h. *Turdus cyaneus*; M. V.—1819: *Trichosoma*.
- inflexum* Rud., 1819a, 13, t. h. *Turdus cyaneus*; Mus. Wien.—1819: *Trichosoma*. 1915: *Cap*. (*Cap*.).
- inflexus* Cobbold, 1861e, 117, t. h. *Chelydra serpentina*; Lond.—1861: *Echinor*.
- inflexus* Rud., 1809a, 227, t. h. *Delphinus phocæna*; Ing.—1809: *Str*. 1845: *Stenurus*, mt. 1851: *Prosthecosacter*. 1886: *Pseudalius*.
- inflexus* major (Duj., 1845a) Dies., 1851, 323, based on Raspail, 1829b, 244.—1851: *Str*.
- inflexus pulmonalis* Dies., 1851a, 281.—1851: *Str*.
- infrequens* Carter, 1859b, 43, in clots of *Oscillatoria*, in salt water drains; Isl. of Bombay.—1859: *Urolabes*.
- infundibulicola* Linst., 1903k, 108, t. h. *Python reticulatus*; Siam.—1903: *Asc*.
- infundibulum* Linst., 1906, 257, t. h. *Hystrix cristata*; Zool. Mus. Koenigsb.—1906: *Trichoc*. 1916: *Trichuris*.
- ingens* Linst., 1879b, 337, t. h. *Procyon lotor*; Ing.—1879: *Echinor*.
- ingulvicola* Rans., 1904c, 1, t. h. *Gallus dom.*; U. S. A.—1904: *Gongylonema*.
- immitis* Daniels, 1902, 46, misprint for *immitis* (Fil.).
- inornata* Cobb, 1915, 39; Maple River, etc., Mich.—1915: *Chromadora*.
- inquiries* Lint., 1901b, 410, t. h. *Rachycentron canadus*; Woods Hole.—1901: *Asc*.
- inquinus* Müell., 1774a, 33.—1774: *Gord*. 1851: *Phacelura*.
- inscriptus* Westrumb, 1821a, 15, t. h. *Turdus flavipes*, *T. albicollis*; Brazil.—1821: *Echinor*.
- insectorum* Schrank, 1776, 98 [nv.].—1776: *Gord*.
- insectorum* Sieb., 1854b, 8, t. h. insects.—1854: *Fil*. [Belongs to *Gord*. or *Mermis*.]
- insidiator* Cam., 1899, 462; Borneo.—1899: *Chordodes*.
- insigne* Blgr., 1917, 207, t. h. *Equus cab.*; Birmingham.—1917: *Cylichnost*.
- insignis* Cobb, 1893b, 287, roots of plants; Australia.—1893: *Plectus*.
- insignis* Cobb, 1893a, 823 (46), about roots of sugarcane; N. S. W.—1893: *Monhystera*.
- insignis* Dies., 1851a, 210, t. h. *Delphinus amazonicus*; Brazil.—1851: *Peritrachelius*, mt. 1893: *Asc*. (*Peritrachelius*).
- insignis* Leidy, 1858a, 112, t. h. *Procyon lotor*; by Wyman, Ing.—1858: *Fil*.
- insignis* Schneid., 1866a, 83, t. h. *Picus*; Brazil.—1866: *Fil*.
- insons* Gmel., 1790a, 3035, t. h. *Rana temp.*; Gœze.—1790: *Asc*. [See *bufonis nigrovenosa*.]
- instabilis* Rail., 1893a, 442, t. h. *Ovis aries*, etc.; by Rail.—1893: *Str*. 1905: *Trichostr*.
- insubricus* Steiner, 1914, 422; Bellizona, Switz.—1914: *Cephalobus*.
- intectinalis* Züern, 1882a, 280, misprint for *intestinalis* (*Leptodera*).
- [*integer* Rail. & Henry, 1915, 447, see Müell., 1779, 100, fig. 8, not as specific name.—1915: *Cucullanus*.]
- integumenti lumbriculi-limosi* Leidy, 1852b, 243, t. h. *Lumbriculus limosus*; by Leidy.—1852: *Nematoideum*.
- intercostalis* Mol., 1858c, 418, t. h. *Cebus (Callitrix) sciurus*; Brazil.—1858: *Fil*.
- intermedia* Büetsch. 1873a, 52, on grass roots; F. a. M.—1873: *Tripyla*.
- intermedia* Büetsch., 1873a, 67, on roots of plantago and moss; Germany.—1873: *Monhystera*. [1880: *Prismatolaimus*, tsd.] 1893: *Prismatolaimus*, tsd.

- intermedia* Duj., 1845a, 95, media 1825 renamed, t. h. Falco fuscoater; Crep.—1845: Spiropt.
- intermedia* Man, 1880a, 57, in sand; Holland.—1880: Rhabditis.
- intermedius* Cobb, 1893a, 817 (40) about roots of sugar cane; N. S. W.—1893: Mononchus. 1916: Mononchus (Mononchus).
- intermedius* Cobb, 1893a, 827 (50), about roots of sugar cane; N. S. W.—1893: Plectus.
- intermedius* Cobb, 1906, 165, 189, about roots of diseased cane; Hawaii.—1906: Diplogaster.
- intermedius* Man, 1880a, 16, in moist soil; Holland.—1880: Cyatholaimus.
- intermedius* Man, 1880a, 72, in sand and moist soil; Holland.—1880: Tylenchus. 1905: Prismatolaimus.
- intermedius* Man, 1884a, 170, in moist soil; Holland & Switz.—1884: Dorylaimus.
- intermedius* Müell., 1786a, 77.—1786: Vibrio. [1838: Trachelius.]
- intermedius* Oerley, 1885a, 102, t. h. Mustelus levis; by Oerley.—1885: Acanthocheilus.
- intermedius* Sweet, 1909b, 509, t. h. Equus cab.; Horsham, Victoria.—1909: Triodontophorus.
- intermedia alpestris* Menz. in Hofmæn. & Menz., 1914, 87, in Rhætikon u. auf dem Pitz Ot, stets in Moospolstern.—1914: Dorylaimus.
- intermuscularis* Mol., 1858c, 421, t. h. Felis onca; Brazil.—1858: Fil. felis-onçæ.
- intestinale* Dies., 1851a, 337, t. h. Tropidonotus natrix; Greifsw.—1851: Nematodeum natrix.
- intestinalis* Bayay, 1877a, 226, t. h. Homo; by Normand.—1877: Anguillula. 1879: Leptodera. 1879: Strongyloides, mt. 1880: Rhabditis. 1881: Pseudorhabditis. 1883: Rhabditis (Anguillula). 1888: Rhabdonema. 1889: Strongyloides (Rhabdonema). 1902: Phaldonema. 1900: Str. [1910: Stercoralis.]
- [*intestinalis* Bloch, 1782a, 28, not as specific name, but as intestinal ascaris.—1782: Asc.]
- intestinalis* Bloch, 1782a, 33, in birds and fish; Ing.—1782: Gord. 1801: Fissula.
- intestinalis* Ehrenb., 1838a, 354, in Lumbricus; quotes Gleichen, 1776.—1838: Anguillula.
- intestinalis* Gmel., 1790a, 3035, t. h. Rana temp.; Gœze.—1790: Asc. [See Str. auricularis.]
- intestinalis* Hoyle in R. Leuck., 1886d, 151, duodenalis renamed.—1886: Dochmius. 1905: Unc.
- intestinalis* Leichtenstern, 1886c, 238, for Ankylost. duodenale.—1886: Str. hominis.
- intestinalis* Pall., 1760, 258.—1758: Lumbricus.
- intestinalis* Rud., 1809a, 204, [t. h. Equus cab.: M. C. V.].—1809: Str. armatus major. 1851: Sclerost. a. m.
- intestinalis* of Smith; Looss, 1911, v. 4, 274 (Str.) probably a Trichostr.
- intestinalis* van Hoorn, 1641a, [nv.].—1641: Lumbricus.
- intestinalis* Wrisberg [nv.]; Hooper, 1799a, 252, s. vulgaris.—1799: Trichuris.
- intestinalis boris* de Gasperi, 1912, 248, t. h. Bos taurus; Torino.—1912: Anguillula.
- intestinalis* (pars) Bavay of Alfieri, 1908, 265, in Rana escul.; Italy.—1908: Anguillula.
- intestinatorum armadillonis-pillularis* Leidy 1852b, 243, t. h. Armadillo pillularis; by Leidy.—1852: Nematodeum.
- intestinum* Müell., 1773b, 44, in aquis paludosis.—1773: Vibrio. 1838: ?Enchelys.
- [*intestinum* Rud., 1819a, 7 ("num potius A. i. transgressa," see Fil. vulpis) (not as specific name).]
- invaginabilis* Linst., 1902a, 228, t. h. Numenius arquatus; Munich.—1902: Echinor. 1912: Arhythmor.
- invaginatus* Linst., 1901b, 414, host unknown.—1901: Disph. 1912: Acuaría (Synhimantus).
- invaginatus* Schneid., 1866a, 129, t. h. Coluber sp.; Brazil.—1866: Str.
- involuta* Linst., 1879b, 315, t. h. Strix flammea; Coll. Hering.—1879: Fil. [1879: Disph.] 1891: Disph. 1912: Acuaría (Synhimantus).
- involuta* Linst., 1906, 247; Togo, Amedjowé, W. Africa.—1906: Mermis.
- ipostomus* Carità, 1887a, 58, for hypostomus (Str.).
- irritans* Rivolta, 1884c, 128, t. h. Equus cab.; Italy.—1884: Dermofil., mt. 1885: Fil.
- ischnoptera* Crep., 1853a, 265, t. h. ostrich; African; died in Berl.—1853: Asc.
- isolonche* Linst., 1906, 252, t. h. Thaumalea amherstie; Zool. Mus. Koenigsb.—1906: Het.
- isotrichis* Stoss., 1899d, 132, for isotricis (Sclerost.).
- isotricis* Mol., 1861a (b), 560 (136), t. h. Isothrix pachyura; M. C. V.; Brazil.—1861: Sclerost. 1916: Str.
- jacchi* Dies., 1861a, 667, t. h. Jacchi sp.; Brazil; quotes Marcel.—1861: Asc. 1914: Subulura.

- jacchi-chrysopygi* (*hepatica*) Mol., 1858c, 419, t. h. *Jacchus* (*Hapale*) *chrysopygus*; *Ypanema*.—1858: Fil.
- jaq-rskia ldi* Türk., 1903-1904a, 334, marine; Nap.—1903: *Cylicolaimus*.
- janæ* Cam., 1895a, 8; Timor.—1895: Chord.
- janeti* Lacaze-Dut. in Janet, 1893a, 700, t. h. *Formica rufa*, *Lasius flavus*; by Janet.—1893: *Pelodera*. 1894: *Rhabditis*.
- japonicus* Cobb, 1917n, 438; Mississippi Bay, Yokohama, Japan.—1917: *Mononchus* (*Mylonchulus*).
- javanica* Lavergne, 1901a, 86.—1901: *Anguillula*.
- javanica* Treub., 1885, 13.—1885: *Heterodera*.
- javanicum* Richters, 1908, 24; Java.—1908: *Craspedonema*, mt.
- javanicus* Zimmermann, 1898, 52, on coffee roots.—1898: *Dorylaimus*.
- javanicus* Linst., 1907, 82, t. h. *Camponotus maculatus mitis*; Java.—1907: *Ochetoc*, mt.
- juba* Seur., 1916, 1131, t. h. *Zamenis hippocrepis*, *Trogonophis wiegmanni*; Alger.—1916: Fil.
- juadornata* Soloviev, 1912, 88, t. h. *Anas boschas*; Turkestan.—1912: *Echinuria*, type.
- juli* Cobb, 1898a (b), 299 (4); Ing.—1898: Heth, mt.
- juli* Linst., 1878b, 242, t. h. *Julus terrestris*; by Linst.—1878: *Agamonematodum*.
- juncea* Rail. in Nev.-Lem., 1908a, 485, demarquay Mans., 1897, not Zune, 1892, renamed, t. h. *Homo*; Antilles.—1908: Fil.
- juvenalis* Kûech., 1855a, 464.—1855: *Str. gigas*.
- kachuga* Stewart, 1914, 166, t. h. *Kachuga lineata*; Lucknow.—1914: *Oxysoma*.
- kachuga* Stewart, 1914, 176, t. h. *Kachuga lineata*; Lucknow.—1914: *Atractis*.
- kalicephalum* Stoss., 1899d, 106 (52), s. *mucronatus* 1861, t. h. *Crotalus horridus*; Brazil.—1899: *Sclerost*. [1899: *Kalic*, ? type.]
- kallstenii* Jægers., 1897c, 1; Kamerun.—1897: Chord.
- kanis* Schneidem., 1896a, 314, for *canis* Werner (Asc.).
- kanis* Schneidem., 1896, 318, for *canis*.—1896: *Str. vasorum*.
- kaschgaricus* Cam., 1897g, 395 (57); Turkestan.—1897: *Parachord*.
- kashinathi* Lane, 1917, 414, t. h. *Capra hircus*; Darjeeling, India.—1917: *Bunost*.
- katangensis* Gedœlet, 1916, 49, t. h. *Petrodromus tetradactylus*; Katanga.—1916: *Grammophora*, tod.
- kathlena* Lane, 1914, 666, t. h. *Chelone midas*; Ceylon.—1914: *Kathlania*, tod.
- kati* Schneidem., 1896a, 322, for *cati* (Askaris).
- kennardii* Daniels, 1902, 338, t. h. *Crotophaga ani*; Brit. Guiana.—1902: Fil.
- kerandeli* Brimont, 1909, 170, t. h. *Bradypus tridactylus*; Guyane.—1909: *Microfil*.
- kerquelensis* Steiner, 1916, 323, free; Kerguelen.—1916: *Cephalobus vexilliger*.
- kerkoideus* Westrumb, 1821a, 8, t. h. *Arctomys citillus*; M. C. V.—1821: *Echinor*.
- kilimaræ* Graff, 1907, 118, misprint for *kilimaræ* (Fil.).
- Kilimaræ* Kolb, 1898a, 28, t. h. *Homo*, and free; Kilimara, Monisu. Brit. E. Africa.—1898: Fil.
- kilincei* d'Herelle & Seidelin, 1909, 409, t. h. *Leptophis mexicanus*; Yucatan.—1909: Fil. [1909: *Microfil*.]
- kingi* Leiper, 1913, 277, t. h. *Homo*; St. Lucia.—1913: *Syngamus*.
- kirghisensis* Skrj., 1916, 486, t. h. *Aquila imperialis*; Russian Turkestan.—1916: *Asc*.
- kohl-yakimovi* Yakimoff, etc., 1914, 192, t. h. *Equus cab.*; Turkestan.—1914: *Microfil*, *ninæ*.
- kolaensis* Savelev, 1912, 123, in Ebbeschlamm; Catharinahafen.—1912: *Parasabatieria*.
- kollari* Mol., 1858 (1859e), 300, t. h. *Chrysophris aurata*; Padua.—1858: *Lecanoc*. 1915: *Gœzia*.
- kommatus* Schneidem., 1896a, 319, for *commutatus* (Str.).
- kontortus* Schneidem., 1896a, 316, for *contortus* (Str.).
- konvolutus* Dammann, Dirigent, & Freese, 1908, 506, for *convolutus* Ostertag (Str.).
- kowalevskyi* Golowin, 1901a [nv.]; 1901b, 752.—1901: *Rhabditis*.
- krenatus* Schneidem., 1896a, 309, for *crenatus* (Trichoc.).
- kuelzi* Rail. & Henry, 1911, 386, for *kuelzii* (Fil.).—1911: *Dirofil*.
- külzi* Braun, 1915a, 315, for *kuelzii* (Fil.).
- kuelzii* Rodenwaldt, 1910, 529, t. h. *Cephalobus maxwelli*; Njong.—1910: Fil. 1916: *Dirofil*.
- kühni* Fisch., 1894, 1, in stems of *Clematis jackmani*; Schlesien.—1894: *Aphelenchoides*, mt.
- kükenthalii* Cobb, 1888a, 4, t. h. *Beluga lucas*; N. Eismeer.—1888: *Asc*.
- külzi* Braun, 1915a, 321 for *kuelzii* (Fil.).
- künckeli* Galeb, 1878b, 294 (12), t. h. *Blatta americana*.—1878: *Oxyuris*.
- kurvula* Schneidem., 1896a, 324, for *curvula* (*Oxyuris*).
- labialis* Pane, 1864a, 32 [nv.], t. h. *Homo*; Nap.—1864: Fil. 1916: *Agamofil*.

- labiata* Carter, 1859b, 41, on *Gleecapsa* of walls; IIs. of Bombay.—1859: *Urolabes*.
labiata Cobb, 1916, 115, on *Saperda tridentata*; Manhattan, Kans.—1916: *Diplogaster*.
labiata Crep., 1825a, 1, t. h. *Ciconia nigra*; by Barkow.—1825: Fil. 1861: *Dicheilonema* (? type). 1917: *Contortospiculum*.
labiata Daday, 1903, 335.—1903: *Monhystera*.
labiata Rud., 1809a, 172, t. h. *Muraena anguilla*; [Europe].—1809: Asc. 1880: *Ascarida*.
labiato-papillare Perronc., 1882a, 326, see *labiato-papillosa*.—1882: Fil.
labiato-papillosa Aless., 1838, 1 [nv.]; Perronc., 1882a, 326, in *Bos taurus*.—1838 or 1882; Fil. 1911: *Setaria*.
labiatum Leidy, 1850e, 101, t. h. *Polydesmus virginienensis*; by Leidy.—1850: *Thelast*. 1861: *Anguillula* (*Thelastoma*). 1853: *Thelastomum*.
labiatum Looss, 1901a (1902), 39, t. h. *Equus* [donkeys]; Egypt.—1901: *Cylichnost*. 1903: *Cylicost*.
labiatus Büetsch., 1874b, 277, *Austernbænke*; bei Sylt.—1874: *Enoplus*.
labiatus Man, 1880a, 78, in sand; Holland.—1880: *Dorylaimus*.
labiodentata Linst., 1899b, 16, t. h. *Mus navalis*; Egypt.—1899: *Spiropt*. 1916: *Protospirura*.
labio-papillosa Stiles, 1892f, 143, misprint for *labiato-papillosa* (Fil.).
labiotruncata Mol., 1858c, 412, t. h. *Tinamus adspersus*, etc.; Brazil, M. C. V.—1858: Fil. 1861: *Dicheilonema*.
labialis Tecce, 1908a, 933, for *labialis* (Fil.).
labratum Looss, 1900c, 158, t. h. *Equus*; Egypt.—1900: *Cyathost*. 1901: *Cylichnost*. 1903: *Cylicost*.
labratum Looss, 1900c, 159, t. h. *Equus*; Egypt.—1900: *Sclerost*.
labri Rud., 1819a, 80, t. h. *Labrus tinca*; C. E. V.—1819: *Echinor*.
labri-lusci Rud., 1819a, 58, t. h. *Labrus luscus*; Nap.—1819: *Asc*.
labri-nilotici Rud., 1819a, 194, 799, t. h. *Labrus niloticus*; Egypt.—1819: *Dubium*. 1851: *Nematoideum*.
labrostriatus Southern, 1914a, 53; Clew Bay.—1914: *Enoplus*.
labyrinthostoma Cobb, 1893b, 294 (45), in soil about banana plants; Fiji.—1893: *Dorylaimus*. 1913: *Actinolaimus*.
lancei Magal., 1905a, 315, t. h. *Pontodrilus marioni*.—1905: *Dionix*. [1905: *Dionyx*.]
lanceii Perrier, 1881a, 242, t. h. *Pontodrilus*; by Perrier.—1881: *Dionyx*, mt.
lacerta Gmel., 1790a, 3035, t. h. *Lacerta palustris*; Gœze.—1790: *Asc*. 1803: *Fus*.
lacertæ M. C. V. in Mol., 1858c, 385, t. h. *Hypsilophus tuberculatus*, in Cuyaba: *Thoricistis dracæna*, in Matagrosso.—1858: Fil.
lacertæ Dies., 1851a., 115.—1851: *Trichina*. 1851: Fil.
lacertæ Schrank, 1788a, 5, in *fusslosen Eidechse*; by Pall.—1788: *Trichoc*. 1791: *Trichuris*. 1803: *Mastigodes*. [1819: *Sclerotrichum*.]
lacertæ-palustris Rud., 1809a, 199, *lacertæ* 1790 renamed, t. h. *Lacerta palustris*; [Europe].—1809: *Asc*.
lacertarum Cobbold, 1861e, 124, t. h. *Calotes versicolor*; Ing.—1861: Fil.
lacertarum Rud., 1810a, 268, *Tænia salamandræ* 1790 renamed.—1810: *Vermis dubius*. 1819: *Dubium*. 1851: *Nematoideum*.
lachrymalis see *lacrymalis* Gurlt (Fil.).
laciniatus Mol., 1860c, 513, t. h. *Rallus cayennensis*; Paranagoa, Brazil.—1860: *Histioc*. 1916: *Schistorophus*.
lacinulata Schneid., 1866a, 177, loc. unknown.—1866: *Mermis*.
lacrimalis Dubini, 1850b, 577, for *lacrymalis* Dubini (Fil.).
lacrimalis Moroni, 1864a, 193, for *lacrymalis* Gurlt (Fil.).
lacrymalis Dubini, 1850b, 576, t. h. *Homo*.—1850: Fil. [See *loa*.]
lacrymalis Duj., 1845a, 46, t. h. *Homo*.—1845: Fil. [See *loa*.]
lacrymalis Gurlt, 1831a, 347, s. *rhodii*, t. h. *Equus cab.*, *Bos taurus*; by Gurlt.—1831: Fil. 1910: *Thelazia*. 1874: *Spiropt*.
lacteolus Fabr., 1780, 271.—1780: *Gord*.
lacteus Müell., 1774a, 32, in *aquis*.—1774: *Gord*.
lacteus Rathke, 1843a, 238; bei Molde.—1843: *Ramphogord*, mt. 1866: *Ramphogord*. 1868: *Polygord*, ?type.
lacteus Rathke of Schneid., 1866a, 326, aquatic; Helgoland.—1866: *Polygord*. 1868: *Polygord*, ?type.
lacustris Cobb, 1915, 36; Douglas Lake, Mich.—1915: *Mononchus*. 1917: *M. Mylenchulus*.
lacustris Daday, 1894, 136; [Balaton].—1894: *Diplogaster*.
lacustris Daday, 1894, 138 [free; Balaton].—1894: *Symplocost*.
lacustris Daday, 1911, 491; Vierwaldstätter-See.—1911: *Mesomermis*.

- lacustris* Duj., 1845a, 68, under leaves of *Nymphaea*: Rennes. 1845: Fil. 1851: Mermis. [1865: *Mermis aquatilis*. 1898: *Paramermis aquatilis*.]
lacustris Gmel., 1790a, 3051, see also *lacustris* Zöga.—1790: *Cucullanus*.
lacustris Hoimæn., 1913, 620, lac Léman.—1913: *Cylindrolaimus*.
lacustris Linn., 1767a, 1076, t. h. *Esox lucius*.—1767: Gord. 1790: Asc. 1803: Fus. [1809: *Asc. gasterostei*.]
lacustris Micol., 1913, 116, aquatic, Obersee, litoral, Ostalpen.—1913: *Rhabditis*. 1914: *Chromadora* (*Parachromadora*).
lacustris Micol., 1913, 119, in fresh water: Ostalpen.—1913: *Tridontolaimus*.
lacustris Schrank, 1829 [nv.]: Ehrenb., 1838a, 83.—1829: *Vibrio*. [1838: *Anguillula fluviatilis*.]
lacustris Zöga in Müell., 1776a, 214, hng.—1776: *Echinor*. 1779: *Cucullanus*. 1915: *Camallanus*, tod.
lacustris anguillæ (Schrank, 1788) Rud., 1809a, 113 for *muræne-anguillæ*.—1809: *Cucullanus*.
lacustris farionis Gmel., 1790a, 3052.—1790: *Cucullanus*.
lacustris lucioperca (Schrank, 1788) Gmel., 1790a, 3051.—1790: *Cucullanus*.
lacustris muræne-anguillæ Gmel., 1790a, 3051.—1790: *Cucullanus*.
lacustris perca-cernuæ (Müell., 1780) Gmel., 1790a, 3051.—1790: *Cucullanus*.
lacustris salaris Gmel., 1790a, 3052.—1790: *Cucullanus*.
laccada Seur., 1914, 96, t. h. *Acanthodactylus blanci*, *Scincus officinalis*: Bou-Saâda.—1914: *Oxyuris*.
laccinchus Wedl., 1861b, 463, t. h. *Synodontis schali*: Egypt.—1861: *Cucullanus*. 1915: *Camallanus*.
lævis Bast., 1865c, 160, tide-pools; Falmouth.—1865: *Spira*.
lævis Crep., 1847a, 289, t. h. *Tarsius spectrum*; Burm., 1846.—1847: Fil.
lævis Duj., 1845, 117, t. h. *Arvicola subterraneus*, etc.: Rennes.—1845: Str. 1861: Metastr. 1909: *Heligmosomum*.
lævis Heitz in Zsch. & Heitz, 1914, 200, t. h. *Salvelinus malma*: Kamtschatka.—1914: *Dacnitis*.
lævis Leidy, 1856b, 51, t. h. *Arctomys monax*; by Packard.—1856: *Asc*.
lævis Linst., 1905t, 359, t. h. *Anas boschas*; Ing.—1905: *Echinor*.
lævis Villot, 1874a, 52; New Caledonia; Mus. Par.—1874: Gord.
lævis Zöga in Müell., 1776a, 215, hng.—1776: *Echinorynchus* [*Echinor*.] 1908: *Pomphorhynchus*.
lævisima Baird, 1853a, 25, hng.; India.—1853: *Asc*.
lagænaformis Westrumb, 1821a, 7, t. h. *Falco cyaneus*: Mus. Wien.—1821: *Echinor*.
lagæneformis Westrumb, 1821a, 68 for *lagænaformis* (*Echinor*.).
lagæna Schrank, 1829 [nv.]: Ehrenb., 1838a, 83.—1829: *Vibrio*. [1838: *Ichthyidium podura*.]
lagænaformis Duj., 1845a, 505 for *lagænaformis* (*Echinor*.).
lagænaformis Marval, 1905a, 540, misprint for *lagænaformis* (*Echinor*.).
lagopodis Froel., 1802a, 46, t. h. *Tetrao lagopus*; by Froel.—1802: *Asc*. [1845: *A. compar*. 1861: *Het. c.*]
lakrymalis Schneidem., 1896a, 308, for *lacrymalis* Gurlt (Fil.).
lamellaris Linst., 1906, 270, t. h. *Gavialis gangeticus*: Calcutta Zool. Gard. —1906: *Typhlophoros*, mt.
lamelliferus Man, 1880a, 70, in moist soil; Holland.—1880: *Tylenchus*.
lamelliformis Cobb, 1888a, 28, for *lamelliferus* (*Tylenchus*).
lamelliger Dies., 1854s, 681, t. h. *Naukrates ductor*: M. C. V.—1854: *Echinor*. [1907: *E. (Lepidosoma, type)*.] 1912: *Lepidosoma*, type.
lampetra Krøyer., 1852 53a, 1040, t. h. *Petromyzon marinus*.—1852 53a: *Agamonema*.
lanca Westrumb, 1821a, 26, t. h. *Charadrius morinellus*, etc.—1821: *Echinor*. 1913: *Centror*.
lanca Zed., 1800a, 23, t. h. *Turdus iliacus*, *T. pilaris*; by Zed.—1800: *Fus*. 1809: *Asc*. [1819: *Asc. ensicaudata*.]
lanceolata Blainv. [nv.]: Dies., 1850a, 610.—1850: *Prionoderma*. [See *Linguatula*.]
lanceolata Linst., 1883a, 298, t. h. insects; Turkestan.—1883: *Oxyuris*.
lanceolata Mol., 1860e, 334, t. h. *Champsia nigra* at Borda, Brazil: *C. lucius* in Georgia.—1860: *Asc*.
lanceolata Mol., 1860b, 940, t. h. *Crotophaga major*: Cayaba.—1860: *Spiropt*.
lanceolatus Linst., 1876a, 2, t. h. *Charadrius hiaticula*; by Linst.—1876: *Echinor*. 1911: *Plagior*, mt.
langi Cobb of Man, 1906, 169, for *langii* (*Dorylaimus*).
langii Cobb, 1888a, 28, on algæ, mosses: Jena.—1888: *Dorylaimus*.
lanii M. C. V. in Mol., 1858c, 373, t. h. *Platyr. pitangua*: Cayaba.—1858: Fil.
lanii M. C. V. in Mol., 1860b, 928.—1860: *Spiropt*. [1860: *S. erecta*.]

- langrunensis* Man. 1890b, 186, marine; côtes du Calvados.—1890: *Oncholaimus* (Viscosia).
- laniorum* Mol., 1860b, 940 (32), t. h. *Lanius collurio*; Brems.—1860: *Acuaria*.
- laniorum* Rud., 1819a, 54, t. h. *Lanius collurio*, *L. minor*; C. E. V., by Frœl.—1819: Asc.
- lanuginosus* Panceri, 1878, 3, marine.—1878: *Desmoscolex*.
- lao* Vaull., 1901, 128, misprint for *loa* (Fil.).
- lapponicus* Linst., 1906, 244; Lapland.—1906: Gord.
- lari* E. Bl., 1849a, 183, t. h. *Larus ridibundus*.—1849: *Cyathost.*, mt. 1861: *Sclerost.* 1909: *Syngamus*.
- lari* Gmel., 1790a, 3033, t. h. *Larus cinereus*; Bloch.—1790: Asc. 1803: *Fus.* 1809: Asc.
- lari* Rud., 1819a, 10, t. h. *Larus minutus*; Mus. Wien.—1819: Fil.
- lari* Rud., 1819a, 671 (under *sphaeroc.*), t. h. *Hæmatopus ostralegus*; Brazil.—1819: *Echinor.*
- lari-ridibundi* Dies., 1851a, 321, t. h. *Larus ridibundus*; quotes *Crep.*, 1829b, 36.—1851: *Nematoideum*. 1851: *Str.*
- larvarum* Brug., 1791a, 90, sub *cute larvarum et insectorum lepidopterorum*.—1791: Gord. [? 1803: Fil.]
- larvarum* Zed., 1803a, 40, t. h. insects; quotes Schrank, Gœze, etc.—1803: Fil. [See *larvarum* Brug.]
- laryngeus* Rail., 1899e, 174, in *bœuf*; Annam.—1899: *Syngamus*.
- lasncti* Mathis & Léger, 1911, 60, t. h. *Coturnix maculosus*; Tonkin.—1911: *Microfil.*
- lata* Cobb, 1914, 73 (39): *Alpine Lakes, Bald Mountain, Colo.*—1914: *Tripyla*.
- latastei* Cam., 1895c, 8; Chili.—1895: Gord. 1897: *Parachord.*
- latastei* Cam., 1897g, 418, for *latastei* (*Parachord.*).
- lateralis* Leidy, 1851b, 207, t. h. *Salmo fontinalis*; by Baird.—1851: *Echinor.* [? 1907: *Echinosome.*]
- lateralis* Mol., 1858 (1859e), 295, t. h. *Belone acus*; Padua.—1858: *Echinor.* [? 1907: *Echinosome.*]
- laticauda* Mol., 1860e, 335, t. h. *Dicholophus maregravi*; Zamambaya.—1860: Asc. 1887: *Het.*
- laticauda* Mol., 1860c, 511, for *laticaudata* (*Spiropt.*).
- laticaudata* Rud., 1819a, 24, t. h. *Otis tetrax*; Mus. Wien.—1819: *Spiropt.* 1845: *Disph.* 1851: *Histioc.*, tsd. 1866: Fil.
- laticaudata* Trav., 1913, 276, for *laticauda* Mol. 1860, in *Microdactylus cristatus*.—1913: *Het.* 1913: *Asc.*
- laticeps* Rud., 1819a, 23, t. h. *Falco lagopus*; Mus. Wien.—1819: *Spiropt.* 1845: *Disph.* 1866: Fil. 1912: *Acuaria* (*Synhimantus*, tod.).
- laticollis* Man, 1906, 165, in soil; near Flessingue, Walcheren.—1906: *Dorylaimus*.
- laticollis* Hamm., 1847b, 288, t. h. *Cetonia stictica*; by Hamm.—1847: *Oxyuris*. 1851: *Anguillula*. 1851: *Thelast.*
- laticollis* Mar., 1870a, 18; Pharo, Mallamousque.—1870: *Heteroc.*, mt.
- laticollis* Villot, 1875a, 466; *Med.* 1875: *Phanoderma*. [? 1870: *Heteroc.*]
- latensis* Janda, 1893a, 596; *Tatragebirge*, for *tatrensis* (Gord.).
- latus* Cobb, 1891c, 150.—1891: *Dorylaimus*.
- latus* Cobb, 1906, 165, about roots of diseased cane: Hilo, H. I.—1906: *Cephalobus*.
- lavareti* *Crep.*, 1829b, 29, t. h. *Salmo lavaretus*; Ing.—1829: *Asc.* [1851: *A. obtusicaudata*.]
- lavareti* Rud., 1809a, 313, t. h. *Salmo lavaretus*; Kœlreuter, apparently Russia.—1809: *Echinor.* [1771: *Acanthoc.*, mt.] 1851: *Acanthoc.*
- lavareti* Rail. & Henry, 1912, 253, t. h. *Testudo emys*; Indomalaise.—1912: *Cisso-phyllus*, tod.
- leberti* *Zool. Rec.*, 1908, v. 43, *Verm.*, 36, for *leberti* (*Chromadora*).
- leesi* Rail. & Henry, 1910, 215 (3), t. h. *chameau*; Punjab.—1910: *Thelazia*.
- leesi* Nev.-Lem., 1912, 811, for *leesei* (*Thelazia*).
- leguminosus* Soloviev, 1912, 87, t. h. *Corvus cornix*; Turkestan.—1912: *Centror.*
- leighberti* Schneid., 1906e, 680, fresh water; Estland.—1906: *Chromadora*.
- leidyella* Trav., 1915, 153, *picorum* Leidy, 1856 renamed, t. h. *Colaptes maximus*.—1915: *Cap.* (*Cap.*).
- leidy* Montg., 1898a, 37, *Coll. Leidy*.—1898: Gord.
- leidy* Skrz., 1916, 63, t. h. *Polydesmus* sp.; Brit. E. Africa.—1916: *Oxyuris*.
- leidy* Trav., 1914, 429; 1915, 158, *tenuissimum* Leidy, 1891, renamed, t. h. *Mus norwegicus*.—1915: *Cap.*
- leidy* Trav., 1917, 73, *auricularis* Zed. of Leidy, 1856, t. h. *Bufo americanus*, *Cistudo carolina*.—1917: *Oswaldocruzia*.

- leiperi* Rail., 1916, 138, *bufonis* Leiper renamed, t. h. *Bufo regularis*; Nasser, Sudan.—1916: Fil.
- leman* Hofman., 1913, 635, aquatic; lac Léman.—1913: Ethmolaimus.
- lemmi* Dies., 1851a, 260, t. h. *Lemmus amphibius*; by Retzius.—1851: Trichosoma. 1915: Cap.
- lemmi* Sieb., 1837e, 209 [nv.]; Dies., 1851a, 319; t. h. *Lemmus amphibius*; Koenigsb.—1837: Str. or 1851: Str.
- lemuris* Rud., 1819a, 228, t. h. *Lemur mongoz*; Mus. Wien.—1819: Trichoc.
- lendir* Phipps, 1774a, 194 t. h. Eider duck.—1774: Sipunculus. 1905: Echinor.
- lenticolis* Guyon, 1864a, 743, s. *lentic*, *oculi humani*.—1864: Fil.
- lentic* Dies., 1851a, 265 *oculi humani* renamed, t. h. *Homo*; Berl.—1851: Fil.
- lentus* Maupas, 1900a, 563, in terre sablonneuse; Sud-Oranais.—1900: Cephalobus.
- [*leonide* Aetius, 1549, 800 (not used as specific name).—1549: Drancunculus.]
- leonina* Linst., 1902a, 217, t. h. *Felis leo*; Breslau, born in Europe.—1902: Asc. [1907: Toxasc., tod.] 1911: Toxasc.
- leonis* Gmel., 1790a, 3031, t. h. *Felis leo*; Redi.—1790: Asc. 1803: Fus. 1809: Fil.
- leonis* Gmel., 1790a, 3040, t. h. lion; Redi, 1684a, pl. 9 fig. 2.—1790: Fil.
- leonis* Rud., 1809a, 242, t. h. *Felis*; Redi.—1809: Str. 1819: Spiropt.
- leonis* S. F., & W., 1908a, 285, for ? *leonina* (Asc.).
- leonis* Vallillo, 1909h, 461, t. h. *Felis leo*; Italy.—1909: Asc. mystax.
- leontopodii* Oerley, 1880a (b), 103 (91), t. h. *Leontopodium alpinum*; Frauenf. 1872, 396 (*Anguillula* sp.).—1872: Tylenchus.
- lepidodis-peronii* Linst., 1878a, 366, for *lepidopodis-peronii* (*Nematoideum*).
- lepidopodis* Dies., 1851a, 248, see *lepidopus* (Liorh.).
- lepidopodis-peronii* Crep., 1844a, 127, for *Lyor. lepidopus* Risso.—1844: *Nematoideum*.
- lepidopterorum* Gmel., 1790a, 3041, t. h. larva of *Lepidopt.*; Goeze.—1790: Fil.
- lepidopterum* Bennet & Olivier, 1826a, 25, for *lepidopterorum* (Fil.).
- lepidopus* Risso, 1826a, 260, t. h. *Lepidopus argyreus*; App. été.—[1826: Lior.] 1826: *Lyor*.
- lepidus* Man 1889a, 156.—1889: *Oncholaimus*,
- lepilemuris* Fourm., 1883a, 297, t. h. *Lepilemur mustelinus*; Madagascar.—1883: Fil.
- leptoptera* Braun, 1915, 366, lapsus for *leptoptera* (Asc.).
- leporis* Dies., 1851a, 258, 574, t. h. *Lepus timidus*; Frœl., 1802a, 18–20.—1851: Trichosoma. 1915: Cap.
- leporis* Gmel., 1790a, 3040, t. h. *Lepus*; Pall.—1790: Fil.
- leporis* Rud., 1809a, 93, t. h. *Lepus*; see Frœl., 1789a.—1809: Trichoc. 1916: Trichuris.
- leporis* Zed., 1803a, 71, t. h. *Lepus*; Hollstein-Beck.—1803: *Mastigodes*.
- leporis pulmonalis* (Frœl., 1802a) Rud., 1819a, 8, 216, t. h. *Lepus timidus*; Frœl.—1819: Fil. 1851: Trichosoma.
- leporis subcutanea* Rud., 1819a, 8, t. h. *Lepus timidus*; Pall.—1819: Fil.
- leporum* Moniez, 1880k, 447, t. h. *Lepus cuniculus*, etc.; Wimereux.—1880: Spiropt. 1889: Str. 1916: Str.
- leprincei* Gendre, 1909, lxxviii (7), t. h. *Macrodipteryx macrodipterus*; Labé.—1909: Het. 1913: Subulura. 1914: Allodapa.
- leptocephala* Rud., 1819a, 46 t. h. *Bufo cruciatus* etc.; Berl. 1819: Asc. [1851: *Hedrus androphora*.] 1860: *Oxyuris*.
- leptocephalus* Rud., 1819a, 649, t. h. *Bradypus tridactylus*; Brazil.—1819: Str. 1850: *Leiuris*, mt. 1866: Fil. 1897: Spiropt. 1914: Physoc.
- leptodera* Nielly, 1882a, 395, t. h. *Homo*; Brest.—1882: *Anguillula*.
- leptoptera* Rud., 1809a, 137 t. h. *Felis leo*; Berl.—1809: Asc. [t. f. *mystax crenulata*.] 1905: Asc. *mystax*. 1907: Belasc.
- leptoptera* Rud., 1819a, 26 t. h. *Falco buteo*; Mus. Wien. —1819: Spiropt. 1866: Fil. 1914: *Habronema* (Spiropt.).
- leptoptera* Rud., of Rayer, 1843d, 146, in *Emberiza pecoris*; by Rayer. 1843: Asc. 1860: Spiropt.
- leptoptera crenulata* see *crenulata* (Asc.).
- leptosoma* Man, 1880a, 30, in moist soil; Holland.—1880: Trilobus.
- leptosoma* Man, 1880a, 73, in moist soil; Holland.—1880: Tylenchus.
- leptosoma* Southern, 1914a, 10 marine; Clew Bay.—1914: Nuada, mt.
- leptosomus* Gerv., 1848, 204, t. h. *Uromastix acanthinurus*; Liège, from Algeria.—1848: Str. 1917: Physalopt.
- leptostoma* Schlotthauber, 1860a, 126, t. h. *Petromyzon fluviatilis*.—1860: Spiropt.
- leptura* Rud., 1819a, 48, t. h. *Testudo myda*; Mus. Wien. —1819: Asc. 1866: *Oxysoma*. 1916: *Oxysomatium*.
- lepturum* Rud., 1809a, 121, t. h. *Coryphæna hippuris*; by Tilesius.—1809: Ophiost.
- lepturus* Man, 1907, 240, free; Ierseke & Falmouth.—1907: *Linhomœus* (*Paralinhomœus*, tsd.).

- lepturus* Mar., 1870a, 16; Pharo.—1870: *Stenolaimus*. 1890: *Anticoma*.
lesiniiformis Mol., 1859h, 15, t. h. *Pelophilax escul.*: Padua.—1859: *Echinor.* 1908: *Chentrosoma*.
leucisci-idi Dies., 1851a, 196, t. h. *Leuciscus idus*; M. C. Wien. —1851: *Asc.* [1851: *A. cuneiformis* (cyprini-idi).]
leucisci-rutili Dies., 1851a, 122, for cyprini-rutili, t. h. *Leuciscus rutilus*: Hanover.—1851: *Agamonema*.
leuckarti Büetsch., 1873a, 28, free; near F. a. M.; and on Gras von Cuxhafen: by Büetsch.—1873: *Dorylaimus*.
leuckarti Man, 1876a (b), 165 (88).—1876: *Chromadora*. 1888: *C. (Spilophora)*.
leuckarti Fuchs, 1915, 191, t. h. *Hylobius abietis*.—1915: *Rhabditolaimus*.
leuckarti Hamm., 1838a, 353, t. h. *Melolontha aprilina*.—1838: *Oxyuris*.
leuckarti Vernet, 1872 [nv.]; Büetsch., 1873a, 117.—1872: *Rhabditis*.
leuckarti Walter, 1866a (b), 72 (22), t. h. *Chrysotis amazonica*: by Walter.—1866: *Spiropt.*
leukarti Büetsch., 1873a, 22, for *leuckarti* (*Dorylaimus*).
levis Zed., 1803a, 155 for *lævis* (*Echinor.*).
leydigii Eberth, 1863a, 32.—1863: *Enoplus*.
liuillieri Seur., 1916, 517, t. h. *Caccabis petrosa*.—Hadjelia.
libellula Selys-Longchamp in Sieb., 1850k, 335, t. h. *Libellula flaveola*.—1850: *Fil.*
libellula-flaveola Dies., 1851a, 98, t. h. *Libellula flaveola*; by Selys-Longchamp.—1851: *Gord.*
libellula-variegata Dies., 1851a, 98, t. h. *Libellula variegata*: Wien.—1851: *Gord.*
libycus Pierantoni, 1915, 1, in terra umida: Bu-Gheilan, Tripolitania.—1915: *Dorylaimus*.
lichia-glaucia Dies., 1851a, 120, t. h. *Lichia glauca*: Nap. —1851: *Agamonema*. 1903: *Asc.*
lienalis Stiles, 1892i, 348, t. h. *Bos taurus*: U. S. A.—1892: *Fil.* 1911: *Onchocerca*.
liguligerus Römer, 1895b, 799; Calcutta.—1895: *Chord.*
limacis Barth., 1858a, 41, t. h. *Limace grise*: by Barth.—1858: *Ascaroides*, mt.
limacis Duj., 1845a, 263, t. h. *Limax rufa*: Rennes.—1845: *Angiost.*, tsd. 1908: *Rhabditis* (*Angiost.*).
limacis of Schneid., 1856a, 192.—1856: *Angiost.*
limacis-atri Dies., 1861a, 725, t. h. *Limax ater*: Sieb., 1848. 1861: *Nematodum*.
limalis Bast., 1865c, 141, marine surface mud: Falmouth.—1865: *Anticoma*.
limalis Savelev, 1912, 118, im schlammigen Sande: Catharinahafen.—1912: *Axonolaimus*.
limaris Schneid., 1866a, 155, misprint for *limacis* (*Angiost.*).
limbata Leidy, 1856b, 53, s. *scalopis-canadensis*, t. h. *Scalops canadensis*.—1856: *Physalopt.*
limbata Rail, & Hen., 1911, 15, t. h. *Canis aureus*, C. fam., *Homo*: Alfort.—1911: *Toxasc.*
limbricoides Aitken, 1874, 57, misprint for *lumbricoides* (*Asc.*).
lymnæi Linst., 1909a, 83, for *lymnæi* (*Phacelura*).
limnectica Daday, 1911, 483; [Vierwaldstätter-See].—1911: *Limnomermis*.
limnobia Daday, 1911, 482; [Vierwaldstätter-See].—1911: *Limnomermis*.
limnophila Daday, 1911, 499; Vierwaldstätter-See.—1911: *Paramermis*.
limnophilus Daday, 1893, 32.—1893: *Tylencholaimus*.
limnophilus Man, 1906, 168, see also *lymnophilus*.—1906: *Dorylaimus*.
lymphatica Slawikowski, 1819b, 23, for *lymphatica* (*Hamularia*).
linxa Oken, 1815a, 192, im Schlamm, stehenden Wasser.—1815: *Gord.* 1849: *Anguillula*. 1865: *Dorylaimus*.
linealis Pillers, 1914, 51, for *lienalis* (*Onchocerca*).
lineare Leidy, 1856b, 54, t. h. *Felis catus*: by Leidy. —1856: *Trichosoma*. 1915: *Cap.*
linearis Marotel, 1913, 155, t. h. *Ovis aries*: Lyon.—1913: *Synthetocaulus*.
linearis Westrumb, 1821a, 10, t. h. *Sterna tubercica*: Mus. Wien.—1821: *Echinor.*
lineata Brug., 1792a, [131], 135, t. h. *requin*: Madagascar.—1792: *Asc.*
lineata Cobbold, 1861e, 123, t. h. *Alligator mississippiensis*: Coll. Cobbold.—1861: *Asc.*
lineata Schneid., 1866a, 67, t. h. *Gallus sp.*: Brazil.—1866: *Het.* 1912: *Ascaridia*.
lineatus Crep., 1846a, 136, t. h. *Charadrius cantianus*: by Crep.—1846: *Echinor.*
lineatus Fuchs, 1915, 199, t. h. *Hylobius abietis*.—1915: *Diplogaster*.
lineatus Leidy, 1851c, 263, free; Essex Co., N. Y.—1851: *Gord.*
lineatus Müell., 1774, 29 [nv.]; Herbst, 1787a, 30.—1787: *Lumbricus*.
lineola Müell., 1773b, 39, in infusione vegetabilia.—1773: *Vibrio*. 1830: *Lineola*.
lineolatus Müell., 1779a, 96, t. h. *Cottus scorpius*, etc.; by Müell. —1779: *Echinor.*
linfatica Brera, 1810a, 225, for *lymphatica*.—1810: *Amularia*. 1845: *Hamularia*.
linguatula Par., 1894a, 218, for *linguatulæ* (*Asc.*).

- linguatula* Rud., 1819a, 58, t. h. *Pleuronectes linguatula*; Nap.—1819: Asc. [1896: *A. capsularia*.]
linstowi Man., 1904, 15, on *Eurypodius latereilli*; Terre de Feu.—1904: *Oncholaimus* (*Viscosia*).
linstowi Hall, 1916a, 161, t. h. *Microtus arvalis*; Germany. 1916: *Helignosomoides*, *tod*.
linstowi Hall, 1916a, 180, *sciuri* Linst. renamed, t. h. *Sciurus caniceps*; Siam.—1916: *Fil*.
linstowi Hamann, 1891a, 95, t. h. *Abramis ballerus*, etc.; Mus. Wien.—1891: *Echinor*.
linstowi Lint., 1901b, 410, t. h. *Nematonurus goodei*; New Eng.—1901: Asc.
linstowi Potts, 1910, 439; Nap.—1910: *Diplogaster*.
linstowi Sons., 1895, 124, t. h. *Nyctinomus ægyptius*; Egypt. 1895: *Spiropt*.
linstowi Stoss., 1896a, 65 (59), t. h. *Silurus glanis*; Hameln.—1896: Asc. [1878: *A. siluri*.]
linstowi Stoss., 1899d, 128 (74), *alatus* Linst., 1879 renamed, t. h. *Manis tetradactyla*; Ing.—1899: *Str*.
linstowi Trav., 1914, 429; 1915: 153, *capillare* Linst., 1882, renamed, t. h. *Crocidura russulus*, *Talpa europæa*.—1915: *Cap*. (*Cap*).
linstowi Hamann in Linst., 1889a, 83, *nomen nudum*, for *linstowi* (*Echinor*).
linter Müell., 1786, 68.—1786: *Vibrio*. [1838: *Trachelius*.]
linurus Savelev, 1912, 120, im Schlamme mit Steinen; Kolafjord, Catharinahafen.—1912: *Linhomœus* (*Paralinhomœus*).
liparidis-chrysorrhæa Dies., 1851a, 108, t. h. *Liparis chrysorrhæa*; Europe.—1851: *Fil*. [1851: *Mermis nigrescens*.]
liparidis-disparis Dies., 1851a, 103, t. h. *Liparis dispar*; Germany. —1851: *Fil*. 1851: *Gord*.
liparidis-monacha Dies., 1851a, 103, t. h. *Liparis monacha*; by Nordm.—1851: *Fil*. 1851: *Gord*.
liparidis-salices Dies., 1851a, 103, t. h. *Liparis salices*; by Roesel. —1851: *Fil*. 1851: *Gord*.
lirata Schneid., 1866a, 155, in moist soil and decaying substance. 1866: *Leptodera*. 1880: *Rhabditis*. 1880: *Dorylaimus*. 1885: *Diplogaster*. 1893: *Diplogaster*.
liratus Schneid., 1866a, 54, im schlammigen Grund stehender Gewässer; Berl.—1866: *Enoplus*.
lithothamnii Savelev, 1912, 117, in *Lithothamnium murmanicum*; Palafjord.—1912: *Euryst*.
littoralis Hofmæn, in Hofmæn, & Menz., 1915, 182, aquatic; Genfersee. 1913: *Aphelenchus*.
littoreus Müell., 1776a, 213.—1776: *Gord*.
loa Cobbold, 1864b, 147, t. h. *Homo*; Africa.—1864: *Dracunculus*. 1866: *Fil*. 1905: *Dracunculus*. [1905: *Loa*, *tod*.] 1907: *Microfil*. 1913: *Loa* type. 1916: *Mikrofil*.
lobata Linst., 1908, 24, t. h. *Testudo smithi*; Africa.—1908: *Oxyuris*.
lobianchii Mont., 1887a, 27, t. h. *Tropidonotus viperinus*; by Mont.—1887: *Echinor*.
lobulata Schneid., 1866a, 44, t. h. *Delphinus gangeticus*; Ing.—1866: *Asc*.
locusta Rud., 1809a, 77, t. h. *Locusta viridissima*, *L. verrucivora*; by Frisch & Roesel.—1809: *Fil*.
locustarum Oken, 1815a, 190, t. h. *Locusta*.—1815: *Gord*. (*Fil*).
locustina Dies., 1851a, 96, t. h. *Locustina*; Sieb., 1842e, 153.—1851: *Fil*. 1851: *Gord*.
lőczyi Daday, 1894, 137; [aquatic; Balaton].—1894: *Cephalobus*.
loqipes Trav., 1915, 152, misprint for *longipes*.—1915: *Cap*. (*Cap*).
loliginis Chiaje, 1823 to 1829, [nv.]; t. h. *Loligo vulg.*; Nap.—1823–29: *Fil*.
lombricoides Bosc, 1802a, v. 2, 36, for *lumbricoides*. —1802: *Asc*. 1855: *Ascarides*.
lombricoides Lacassagne, 1901a, 685, in *Homo*.—1901: *Oxyuris*.
lomonickii Grochmalicki, 1911, 372; Siwa-Woda, bei Szklo.—1911: *Trilobus*.
loncheri M. C. V. in Mol., 1858c, 382, t. h. *Loncheres rufa*; Matogrosso. —1858: *Fil*. [1858: *F. diacantha*.]
loncheris M. C. V. in Mol., 1861a, 560 (136), t. h. *Isotrix pachyura*.—1861: *Str*.
lonchoptera Dies., 1851a, 176, new name for *elephantis-indicis* and *elephantis*, t. h. *Elephas indicus*; M. C. V.—1851: *Asc*.
loncoptera Stazzi, 1900, 6, for *lonchoptera* (*Asc*).
longa Leidy, 1851b, 225, on soft mud in stagnant ditches; near Phila. —1851: *Anguillula*. [1914: *Trilobus*.]
longa Leidy, 1856b, 51, t. h. *Tantalus loculator*; Georgia, U. S. A.—1856: *Asc*.
longareolatus Montg., 1898, 334, San Francisco.—1898: *Gord*.
longicaudata Linst., 1879a, 174, t. h. *Megacephalon maleo*; Ing. 1879: *Het*.
longecirrata Linst., 1879a, 175, t. h. *Geopelia* sp.?, (*Dolchstichtaube*); Ing.—1879: *Het*. 1913: *Ascaridia*.

- longecirratus* Linst., 1879b, 332, t. h. *Bos grunniens*; Ing.—1879: Str. 1899: *Sclerost.* 1909: *Bunost.* 1911: *Monodontus.*
- longecirrata* Rail. & Henry, 1914, 678, for *longecirrata* (*Ascaridia*).
- longecolle* Trav., 1915, 148 for *longicolle* Rud., 1819.—[1819: *Trichosoma*.] 1915: *Cap.* (*Cap.*)
- longemucronatum* Mol., 1861a, 536, t. h. *Sus scrofa* dom.; Wien, 1861: *Globoc.* mt. 1895: *Cystoc.* mt. 1897: *Ankylostomum* (*Doch.*). [1897: *Ancylostoma*.] 1898: *Unc.* 1902: *Characost.* tod. 1906: *Doch.*
- longicornatus* Mol., 1860c, 489, t. h. *Ciconia maguari*; Brazil.—1860: *Disph.* 1912: *Acuaria* (*Hamannia*).
- longispiculum* Rail. & Henry, 1916, 250, *Oxysoma brevicaudatum* Schneid., 1866, renamed.—1916: *Oxysomatium*, type.
- longistriata* Mol., 1860b, 958, t. h. *Picus campestris*, etc.; Brazil.—1860: *Spiropt.* 1861: *Cheilospirura*.
- longestriata* Stoss., 1902e, 4, t. h. *Lichia vadige*, *Thynnus vulg.*; *Sardegna*, *Portofer-raio*.—1902: *Aec.*
- longesubulata* Mol., 1860b, 960, t. h. *Ciconia maguari*; Brazil.—1860: *Spiropt.*
- longesubulatum* Mol., 1861a, 460 (36), t. h. *Cervus campestris*, *C. rufus*; Brazil.—1861: *Eucyathost.* tsd. 1899: *Sclerost.*
- longevaginulus* Cast. & Chalm., 1910a, 1216, misprint for *longevaginatus* (*Str.*).
- longevaginatum* Linst., 1879b, 335, t. h. *Alauda arvensis*; Coll. *Hering*.—1879: *Trichosoma*. 1915: *Cap.* (*Cap.*)
- longevaginatus* Dies., 1851a, 317, t. h. *Homo*; *Transylvania*; *M. C. V.*—1851: *Str.* 1861: *Metastr.* 1874: *Eustr.*
- longevaginatus* Mol., 1860c, 486, t. h. *Ciconia maguari*; Brazil.—1860: *Disph.* 1912: *Acuaria* (*Synhimantus*).
- longicauda* Oerley, 1880a (b), 101 (89).—1880: *Anguillula*.
- longicauda* Claus, 1862b, 355, free in humus; by Claus.—1862: *Diplogaster*.
- longicauda* Cobb, 1893a, 819 (42), about roots of sugar cane; *N. S. W.*—1893: *Neonchus*, mt.
- longicauda* Cobb, 1893a, 825, about roots of sugar cane; *N. S. W.*—1893: *Cephalonema*, mt. 1905: *Nanonema*, mt.
- longicauda* Daday, 1899, 560.—1899: *Monhystera*.
- longicauda* Ehrenb. 1853 [nv.]; Dies., 1861a, 629.—1853: *Anguillula*.
- longicauda* Leidy, 1851b (1904a), 225 (55), in gutters; *Phila.*—1851: *Anguillula*
- longicauda* Leiper, 1911, 551, t. h. *Zebra*; *Brit. E. Africa*.—1911: *Cylindropharynx*.
- longicauda* Linst. 1876a, 12, in sand; *Ratzeburgersee*.—1876: *Trilobus*.
- longicauda* Linst., 1885d, 708, t. h. *Triton alpestris*, *T. cristatus*; Ing.—1885: *Nema-toxys*.
- longicauda* Man, 1893a, 85, free; *Falmouth*.—1893: *Trefusia*, mt.
- longicaudata* Bast., 1865c, 98, in pond; *Tunbridge Wells*.—1865: *Monhystera*.
- longicaudata* Bast., 1865c, 130, sandy soil about roots of wheat; *Broadmoor*, *Berks.*—1865: *Rhabditis*.
- longicaudata* Büetsch., 1873a, 114, in faulenden Pilzen; Ing.—1873: *Rhabditis*.
- longicaudata* Man, 1907, 230, free; *Veere*, *Ierseke*.—1907: *Terschellingia*.
- longicaudata* Man, 1912, 637, in *Hyazinthenzwiebeln*; *Wageningen*.—1912: *Odontopharynx*, mt.
- longicaudata* Meyer, 1896b, 78, t. h. *Julus*; *Ceylon*.—1896: *Oxyuris*.
- longicaudatus* Büetsch., 1873a, 82; *Germany*.—1873: *Cephalobus*.
- longicaudatus* Büetsch., 1873a, 92, *Wurzeln verschiedener Pilzen*; Ing.—1873: *Plectus*.
- longicaudatus* Büetsch., 1874b, 256, in garden soil; *Germany*.—1874: *Dorylaimus*.
- longicaudatus* Cobb, 1893b, 253 (4), on celery; *Australia*.—1893: *Mononchus*. 1916: *M.* (*Mononchus*).
- longicaudatus* Cobb, 1893b, 303 (54), in soil about banana plants; *Fiji*.—1893: *Aphe-len-chus*.
- longicaudatus* Daday, 1894, 139, free; *Balaton*.—1894: *Dorylaimus bastiani*.
- longicaudatus* Man, 1884, 71, in moist soil; *Germany*.—1884: *Ironus*.
- longicaudatus* Southern, 1914a, 57; *Clew Bay*.—1914: *Enoplus*.
- longicaudis* Ehrenb., 1855, 226, see *longicauda*, 1853.—1855: *Anguillula*.
- longicirrata* Linst., 1903k, 115, t. h. *Galeopithecus volans*; *Siam*.—1903: *Fil.*
- longicirrus* Duj., 1845a, 148, t. h. *Pleuronectes platessa*; *Rennes*.—1845: *Heligmus*, mt.
- longicolle* of Duj., and of Eberth, see Rail., 1893a, 486.—1893: *Trichosoma*.
- longicolle* Rud., 1819a, 14, t. h. *Phasianus gallus*, etc.; *Europe*.—1918: *Trichosoma*. 1915: *Cap.* (*Cap.*)
- longicollis* Bast., 1865c, 133, tide-pools; *Falmouth* & *Brighton*.—1865: *Symplo-cost.*, tsd.
- longicollis* Cobb, 1893b, 291 (43), about roots of banana plants; *Fiji*.—1893: *Dory-laimus*.

- longicollis* Cobb, 1917n, 438, at roots of pitcher plants and tamarack: Wisconsin.—1917: *Mononchus* (*Prionchulus*).
- longicollis* Daday, 1899, 565.—1899: *Ironus*.
- longicollis* Daday, 1899, 569.—1899: *Cephalobus*.
- longicollis* Pall., 1781a, 110, s. *Echinor. lævis*. t. h. *Zungenfisch*. Dorsch.—1781: *Tænia*. 1782: *Echinor*.
- longicollis* Schneid., 1866a, 120, t. h. *Testudo græca*: Ing.—1866: *Oxyuris*. 1916: *Paracis*, *tod*.
- longicollis* Schwartz, 1911, 35, in *Veilchengalle*: Greitz.—1911: *Aphelenchus olesistus*.
- longicollis* Stoss., 1899a, 6, t. h. *Mullus barbatus*: Istria.—1899: *Dacnitis*.
- longicollis* Villot, 1875a, 472, t. h. *Larus ridibundus*. *Strepsilas interpres*: Bretagne.—1875: *Echinor*.
- longicollis* Hempr. & Ehrenb. in Schneid., 1866a, 104, t. h. *Numenius arquatus*, etc.: Egypt.—1866: *Ancyracanthus*. [1866: *Tetracanthus*, *mt.*] 1916: *Schistorophus*, *tod*.
- longifilum* Duj., 1845a, 27, t. h. *Accentor modularis*: Rennes.—1845: *Calodium*. 1851: *Trichosomum* (*Calodium*). 1915: *Cap.* (*Cap.*).
- longii* Menz., 1914, 67, misprint for *langii* (*Dorylaimus*).
- longilobatus* Leidy, 1870, 194; U. S. A.—1870: *Gord*.
- longipene* Mol., 1861a(b), 446(22), t. h. *Tapirus americanus*: Brazil.—1861: *Oesophagost.*
- longipene* Polonio, 1859 [nv.]: Par., 1894a, 216, 627, t. h. *Anguis fragilis*: Padua.—1859: *Asc.*
- longipes* Rans., 1911, 15, t. h. *Antilocapra americana*. *Ovis aries*; U. S. A.—1911: *Cap.* [1915: *Cap.* (*Cap.*).]
- longirostris* Southern, 1914a, 62; Clew Bay.—1914: *Desmoscolex*.
- longirostris* Van Cleave, 1913, 182, t. h. *Dorosoma cepedianum*: Ill. River, Havana, Ill.—1913: *Neor.* 1914: *Eor.* 1916: *Neoechinor*.
- longisetosa* Southern, 1914a, 35; Clew Bay.—1914: *Fiacra*.
- longispiculum* Sons., 1889c, 236, t. h. *Python molurus*: Mus. Pisa.—1889: *Trichosoma*. 1915: *Cap.* (*Cap.*).
- longissima* Eberth, 1863a, 21, under corals: Nice Harbor. —1863: *Phanoglene*. 1865: *Leptosomatum*.
- longissima* Müell., 1776a, 214.—1776: *Asc.*
- longissime spiculatus* Romanovitch, 1915, 451, t. h. *Tarandus rangifer*: Tobolsk.—1915: *Microc.*, *tod*.
- longissimus* Cesalpin [nv.]; R. Bl., 1888a, 727.—1888: *Dracunculus*.
- longissimus* Fedtsch., 1874a, 58.—1874: *Mermis*.
- longissimus* Römer, 1895b, 796, in *Saturnia*; Südsee.—1895: *Gord*.
- longistipes* Rail. & Henry, 1909a, t. h. *dromadaire*: Africa, India.—1909: *Hamonchus*.
- longistriata* Par., 1902c, 14, for *longestriata* (*Asc.*).
- longirostrum* Schep., 1907a, 159; Bergen & Nap.—1907: *Chaetosoma*.
- longus* Cobb, 1894c, 415, in marine sand: Port Jackson, Australia.—1894: *Laxus*, *tsd.*
- longus* Grassi, 1885b, 251, in coniglio, donnola, porco, pecora: by Grassi.—1885: *Rhabdonema*. 1888: *Strongyloides*.
- longus et rotundus* Serapion [nv.]; R. Bl., 1888a, 661.—1888: *Lumbricus*.
- longus bovis* Gaspari, 1912, 250, t. h. *Bos taurus*: Torino.—1912: *Strongyloides*.
- longus* Kratzenstein, 1748a, 1.—1748: *Lumbricus*.
- lophii* Gmel., 1790a, 3050, t. h. *Lophius piscatorius*: quotes Müell.—1790: *Echinor*.
- lophii* Müell., 1789a, 53, t. h. *Lophius piscatorius*. 1789: *Asc.* 1803: *Fus.* [1809: *Asc. rigida*.]
- lophii-piscatorii* Dies., 1861a, 727, t. h. *Lophius piscatorius*: by Wedl.—1861: *Agamonema*. 1896: *Asc.*
- lophotis* M. C. V. in Mol., 1858c, 401, t. h. *Muscicapa lophotes*: Brazil. 1858: *Fil.* [1858: *F. sphærophora*.]
- lotæ* Linst., 1885b, 240, t. h. *Lota vulg.*; Ing.—1885: *Asc.*
- lou* Zool. Rec., 1878 (for 1876), v. 13, 17, misprint for *loa* (*Fil.*).
- lubricoides* Stringfield, 1889a, 207, for *lumbricoides* (*Asc.*).
- lucani* Frøel., 1802a, 51, t. h. *Lucanus capreolus*: by Frøel.—1802: *Asc.* 1851: *Anguillula*. 1861: *Isacis*.
- lucasi* Stiles & Hass. in Stiles, 1901p, 532, t. h. seal pups: Alaska.—1901: *Unc.*
- lucii* Müell., 1779a, 90, t. h. *Esox lucius*: by Müell.—1779: *Echinorhynchus*. [*Echinor.*] 1911: *Acanthoc.*
- lucii* Viborg, 1795a, 244 [nv.]; Lünehe, 1904f, 248. 1795: *Echinor*. 1904: *Echinor*.
- lucio-perææ* Schrank, 1788a, 14.—1788: *Cucullanus*. 1790: *C. lacustris*.

- ludwigii* Man, 1910, 362, im weissen Schleimfluss der Eichen; by Man.—1910: *Anguillula*.
- lujanensis* Steiner, 1914, 423; am Luganersee, Switz.—1914: *Dorylaimus*.
- lugdunensis* Man, 1880a, 93, in sand; Holland.—1880: *Dorylaimus*.
- lumbricalis* Bloch [nv.]; Lam., 1801a, 339.—1801: *Asc*.
- lumbrici* Dies., 1861a, 725, t. h. *Lumbricus* sp.; Lieberk., 1885.—1861: *Nematodum*.
- lumbrici* Gmel., 1790a, 3037, t. h. *Lumbricus*; Goeze, 1782a, 110.—1790: *Asc*. 1803: *Fus*. 1851: *Anguillula*.
- lumbrici-terrestris* Modeer, 1790a, 127.—1790: *Asc*. [1803: *Asc. talpæ*.]
- lumbrici-terrestris* Rud., 1810a, 288, s. *minutissima*.—1810: *Vermis (dubius)*. 1819: *Dubium*.
- lumbricoides* Bloch, 1779a, 553, in birds.—1779: *Asc*. 1779: *Fasciola*.
- lumbricoides* Linn., 1758a, 648, t. h. *Homo*; Europe.—1758: *Asc.*, tsd. 1800: *Fus*. 1897: *Askaris*.
- lumbricoides* Müell. [nv.]; Goeze, 1782a, 143.—1782: *Echinor*. 1893: *Gigantor*.
- lumbricoides (asini-feri)* Rud., 1809a, 125, based on Pall., 1781.—1809: *Asc*.
- lumbricoides canis* Rud., 1805a, 35.—1805: *Asc*.
- lumbricoides equi* Rud., 1809a, 125, refers to Bloch, 1782.—1809: *Asc*.
- lumbricoides equorum* (Goeze, 1782) Zed., 1800a, 20, see *equorum*.—1800: *Fus*.
- lumbricoides (hominis)* Rud., 1809a, 124, t. h. *Homo*.—1809: *Asc*. [See *lumbricoides, hominis*.]
- lumbricoides hominum* (Goeze, 1782) Zed., 1800a, 20, see *hominum*.—1800: *Fus*.
- lumbricoides rostratus* Scortegagna, 1848a, 245, t. h. *Homo*; Italy.—1848: *Asc*.
- lumbricoides suilla* (Duj., 1845) Petrunkevitch, 1916, 79.—1916: *Asc*.
- lumbricoides suis* (Gmel., 1790) Zed. 1800a, 20, see *suis*.—1800: *Fus*. 1901: *Asc*.
- lumbricoides suum* (Goeze, 1782) Rud., 1809a, 125, for *suis* of Zed. 1809: *Fus*.
- lumbricoides tauri* Rud., 1805a, 35.—1805: *Asc*.
- lumbricoidis* Sons., 1897, 255, misprint for *lumbricoides* (*Asc*.).
- lumbriculi* Linst., 1895a, 526, t. h. *Lumbricus variegatus*; Goett.—1895: *Rhabditis*.
- lumbriculi-limosi* Leidy, 1852b, 243, t. h. *Lumbriculus limosus*; by Leidy; Dies., 1861a, 725.—1852: *Nematoideum integument*. 1861: *Nematodum*.
- lunata* Linst., 1904a, 493, t. h. *Herpetodryas carinata*; Honduras.—1904: *Asc*.
- lunata* Linst., 1908, 24, t. h. *Testudo smithi*; Africa.—1908: *Oxyuris*.
- lunatus* Trav., 1914, 325 (5), t. h. *Bos taurus*; Rio de Jan., Peuha.—1914: *Hæmonchus*. 1914: *Hæmonchus*.
- lunula* Müell., 1786a, 52, 55; Ehrenb., 1838a, 82.—1786: *Vibrio*. [1838: *Closterium*.]
- lupi* Gmel., 1790a, 3031, t. h. *Canis lupus*; Redi.—1790: *Asc*. [1898: *Asc. mystax*.]
- lupi* Rud., 1809a, 242, t. h. *Canis lupus*; by Heyse.—1809: *Str*.
- lupi* Wepfer [nv.]; Mol., 1859, 935.—1859: *Lumbricus*.
- lutzii* von Ihring, 1902a, for *lutzii* 1891 (*Echinor*).
- lutzii* Hamann, 1891a(b), 95 (208), t. h. *Bufo agua*; Brazil.—1891: *Echinor*.
- lycæna-betula* Dies., 1851a, 101, t. h. *Lycæna betula*; by Werner.—1851: *Fil*. 1851: *Gord*.
- lycæna-quercus* Dies., 1851a, 101, t. h. *Lycæna quercus*; by Werner. 1851: *Fil*. 1851: *Gord*.
- lycosa* Leidy, 1856b, 58, t. h. *Lycosa scutulata*.—1856: *Fil*. [1856: *Mermis robusta*.]
- lymnæi* Dies., 1851a, 137, t. h. *Lymnæus stagnalis*; by Baer.—1851: *Phacelura*.
- lymnæi-stagnalis* Dies., 1851a, 137, t. h. *Lymnæus stagnalis*; by Baer.—1851: *Fil*. [1851: *Phacelura lymnæi*.]
- lymnophilus* Man [nv.]; Daday, 1905, 328.—1905: *Dorylaimus*.
- lymphatica* Treutler, 1793a, 10, t. h. *Homo*; Europe.—1793: *Hamularia*, mt. [1819: *Hamularia*.] 1860: *Fil*.
- lyra* Rud., 1819a, 59, t. h. *Trigla lyra*; Nap.—1819: *Asc*. [1896: *Asc. capsularia*.]
- mabuia* Linst., 1907, 84, t. h. *Mabuia multifasciata*; Java.—1907: *Echinor*.
- macaci* Smith, A. J., 1908a, 268, t. h. *Macacus nemestrinus*; Phila. Zool. Garden.—1908: *Globoc*.
- macdonaldi* Bell, 1881, 6, for *macdonaldii*. 1881: *Pterygodermatites*. 1881: *Pterygodermatites* [*Rictularia*.] 1889: *Ophiost.* (*Pterygodermatites*). 1909: *Rictularia*.
- macdonaldii* Dobs., 1880b., 412, t. h. *Megaderma frons*; from Cape-Coast Castle.—1880: *Pterygodermatites*.
- maci* Trav., 1915, 388 (3), t. h. *Tatus (Tatus novemcinctus)*; Brazil.—1915: *Trichostr.*
- macintoshii* Stewart, 1914, 165, t. h. *Bufo stomaticus*, *Rana tigrina*; Lucknow.—1914: *Oxysoma*.
- macracanthus* Brems. in Westrumb, 1821a, 7, t. h. *Charadrius pluvialis*; Mus. Wien.—1821: *Echinor*.
- macrocanthus* Marval, 1904, 581, for *macracanthus* (*Echinor*.).

- macrocephala* d'Udekem. 1859. 560.—1859: Isacis. [1859: Rhabditis.]
macrocephalum Schep., 1907a. 158; Bergen & Nap.—1907: Chaetosoma.
macrocephalus d'Udekem. 1859a. 557, t. h. *Julus terrestris*; by d'Udekem.—1859: Rhabditis. [1859: Isacis.] 1861: Isacis.
macrocerca Stoss., 1902e. 3. t. h. *Lophius budegassa*; Genova.—1902: Asc.
macrodon Oerley, 1880a (b), 113 (101).—1880: Diplogaster.
macrodoroides Steiner. 1914. 436; Airolo. Gotthard.—1914: Dorylaimus.
macrodorus Man. 1880a. 81, in moist soil; Holland.—1880: Dorylaimus.
macrogaster Fuchs, 1914, in 688-692 [nv.]; 375; 1915. 129; in Mulm des Ips typographus.—1914: Tylenchus.
macrolabium Stoss., 1897a, 2, t. h. *Serranus gigas*; Nap.—1897: Asc.
macrolaima Schneid., 1866a. 159, in moist soil and decaying substance; Ing.—1866: Lep-todera. 1880: Rhabditis.
macrolaima Stewart, 1914. 253, lapsus for megalaima (Monhystera).
macrolaimoides Steiner. 1915. 234, marine; Sumatra.—1915: Chromadora.
macrolaimus Cobb, 1917n. 465, see muscorum macrolaimus.—1917: Mononchus. [(Prionchulus).]
macrolaimus Man, 1884a. 191, in marshy ground; Nederland.—1884: Dorylaimus. 1907: Chromadora.
macrolaimus Linst., 1899b. 21, t. h. *Testudo pardalis*; Africa.—1899: Oxyuris.
macrolaimus Linst., 1904o. 491, in marine flora; Saralow.—1904: Neomermis, mt.
macrolaimus Linst., 1906. 5, t. h. *Centrurus subelegans*; Venezuela. —1906: Fil.
macrolaimus Linst., 1906. 169, t. h. *Plotus melanogaster*; Wirawila. Ceylon.—1906: Disph. 1912: Acuaria.
macrolaimus Linst., 1908. 27, free; Lünderitzbucht, Africa.—1908: Enoplus.
macrolaimus Southern, 1914a. 44; Clew Bay.—1914: Oncholaimus.
macronis Stewart, 1914. 170, t. h. *Macronis aor*; Lucknow.—1914: Het.
macropallios Par., 1889c (1890). 778 (14), t. h. *Hydrosaurus salvator*; Birmania.—1889 Fil. [1909: F. (Diplotriana).]
macrophallus Man. 1880a. 76, in moist soil; Holland.—1880: Tylenchus.
macrophthalmus Eberth, 1863a. 35, marine; Nizza.—1863: Enoplus.
macropi-majoris Cat. RCL. 1830. 37, t. h. kangaroo.—1830: Fil.
macropi-majoris Fletcher, 1884 (for 1883). 388, t. h. *Macropus major*; N. S. W.—1884: Fil.
macropodis-gigantei Dies., 1851a. 280, for macropi-majoris (Fil.).
macrosoma Dies., 1851a. 182, t. h. *Champsia nigra*; Brazil.—1851: Asc.
macrotrichus Dies., 1851a. 47, t. h. *Vastres euvieri*; Borbæ & Rio Branco. Brazil.—1851: Echinor.
macrostoma Mar., 1870a. 17; Pharo, Endoume. Joliette.—1870: Stenolaimus.
macrostoma Villot, 1875. 466; Med.—1875: Anticoma.
macrostoma Bast., 1865c. 101, in pool; Falmouth.—1865: Mononchus. 1916: M. (Mononchus).
macrostoma Linst., 1875a. 200, t. h. *Anguis fragilis*; Ing.—1875: Angiost.
macrostoma armatus Daday, 1894. 134, aquatic; Balaton.—1894: Mononchus.
macroura Linst., 1883a. 293, t. h. *Megaloperdix nigelii*; Turkestan.—1883: Het.
macroura Linst., 1879a. 167, in moist soil; Ing.—1879: Rhabditis.
macrourus Brems., in Westrumb. 1821a. 12, t. h. *Ardea purpurea*; Mus. Wien.—1821: Echinor.
macrourus Linst., 1876. 7, in moist moss; Ratzeburg. 1876: Dorylaimus. 1876: Dorylaimus.
macrura Dies., 1851a. 134, diesingi renamed. t. h. *Blatta orientalis*; Wien.—1851: Anguillula.
macrura Man, 1880a. 7, in moist soil; Holland.—1880: Monhystera.
macruri Linst., 1888a (b), 7, t. h. *Macrurus rudis*; Challenger.—1888: Asc.
macruroides Linst., 1888a (b), 7, t. h. *Macruroid*; Sta. 147, Challenger. —1888: Asc.
macrurus Daday, 1899. 568.—1899: Prismatolaimus.
macrurus Daday, 1899. 570.—1899: Cylindrolaimus.
maculatus Daday, 1905. 60, fresh water; Paraguay.—1905: Bathylaimus, mt.
maculatus Linst., 1883a. 300; Turkestan.—1883: Gord. 1905: Parachord.
maculosa Rud., 1802a. 22, t. h. *Columba dom. gutturosa*; Greifsw. by Rud.—1802: Asc. 1803: Fus. 1809: Asc. 1845: Asc. (Ascaridia). 1866: Het. 1912: Ascaridia.
madagascariensis Cam., 1893b. 1, t. h. mantide; Madagascar.—1893: Gord. 1896: Chord.
madagascariensis Linst., 1897i. 27, t. h. *Potamocheirus edwardsii*; Madagascar.—1897: Asc.
mænæ Dies., 1851a. 339, t. h. *Mæna vulg.*; M. C. V.—1851: Nematoideum.
mænæ Rud., 1819a. 58, t. h. *Sparus mænæ*; Rimini.—1819: Asc.
mænæ-zebra Stoss., 1897a. 3, t. h. *Mæna zebra*; Trieste.—1897: Asc. [See adunca.]

- magalhães* Lane, 1917, 758 for *Ascaridia magalhães*.—1913: Het.
magalhães Graff, 1907, 116, misprint for *magalhães* (Fil.).
magalhães Moniz, 1913, 206, for *magalhães* (Microfil.).
magalhães Daniels, 1898a, 1012, misprint for *magalhães* (Fil.).
magalhães A. D. & E., 1901b, 43, for *magalhães* (Fil.).
magalhães A. D. & E., 1901b, 49, for *magalhães* (Fil.).
magalhães Mans., 1903e, 546, for *magalhães* (Fil.).
magalhães R. B1., 1895, 771, t. h. Homo; Rio de Jan.—1895: Fil. 1911: *Dirofil.*
magalhães Trav., 1913, 290, t. h. *Geotrygon montana*; Brazil.—1913: *Ascaridia.*
magalhães Moniz, 1914, 71, misprint for *magalhães* (Microfil.).
magalhesi Penel, 1905a, 113, for *magalhães* (Fil.).
macdonaldi Par., 1898a, (b), 117, for *macdonaldi* (Ophiost.).
magnicollis Cobb, 1906, 164, about roots of diseased cane; Hawaii.—1906: *Dorylaimus.*
magnilabius Mol., 1860c, 497, t. h. *Platalea ajaja*; Bazil.—1860: *Disph.* 1912: *Acuaria* (*Cheilospirura*).
magnipapilla Linst., 1906, 112, t. h. *Tetrao tetrix*; Friedland.—1906: Het. 1914: *Ascaridia.*
magnipapilla Mol., 1860d, 657, t. h. *Myrmecophaga bivittata*; Caiçara, Brazil.—1860: *Physalopt.*
magnival vis Crep., 1846a, 154, t. h. *Callionymus lyra*; Mus. Zool. Stockh.—1846: *Asc.*
magnum Villot, 1875, 458; Roscoff.—1875: *Leptosomatum.* 1889: *Cylicolaimus*, mt.
magnus Skrj., 1913, 404, t. h. *Fuligula rufina*; Russian Turkestan.—1913: *Polymorphus.*
magretti Marval, 1905a, 205, for *magrettii* (Echinor.).
magrettii Par., 1885, 441, t. h. *Buceros erythror.*; Kassala, Sudan.—1885: *Echinor.*
major A., D., & E., 1901b, 31, t. h. *Hyphantornis*, etc.; Nigeria.—1901: *Fil. spiralis avium.*
major Brems, in Westrumb, 1821a, 9, t. h. *Erinaceus europæus*; Wien.—1821: *Echinor.* 1908: *Gigantor.*
major Cobb, 1893b, 257 (8), in damp soil about roots of plants; N. S. W.—1893: *Mononchus.* 1916: *M. (Mononchus).*
major Dies., 1851a, 563.—1851: *Asc. astrophidis-tigridis.*
major Duj., 1845a, 135, quotes Raspail, 1830 (1829b).—1845: *Str.* 1851: *Str. inflexus.*
major Fuchs, 1914, in 688–692: 1914, 375; 1915, 154; in *Mulm des Ips typographus*.—1914: *Tylenchus.*
major Gurlt, 1831 [nv.]; Dies., 1851a, 211, t. h. *Equus cab.*—1851: *Spiropt. megast.*
major Leiper, 1910, 25, t. h. *Felis leo sabakiensis*; Kilimandjaro.—1909: *Lagochilasc.*
major Mans., 1891b, 4, t. h. Homo.—1891: *Fil. sanguinis hominis.* 1910: *Fil.*
major Mol., 1861a (b), 575 (151), t. h. *Rhea americana*; Caiçara, S. America.—1861: *Deletroc. dimidiatus.*
major Rud., 1809a, 129; based on Gœze, 1782.—1809: *Asc. teres galli.* See *gallinarum, inflexa, vesicularis.*
major Rud., 1819a, 34, t. h. *Lepus timidus*; by Treutler.—1819: *Str. retortæformis.*
major Rud. of Rayer, 1843b, 9, in *Equus*, for *armatus major, intestinalis* (Str.).
major Southern, 1914a, 42; Clew Bay.—1914: *Demanis.*
major astrophidis-tigridis Dies., 1851a, 195, t. h. *Astrophis tigris*; by Lamarepicquot.—1851: *Asc.*
major intestinalis Rud., 1809a, 204.—1809: *Str. armatus.* 1851: *Sclerost. armatum.*
makulosa Schneidem., 1896a, 323, for *maculosa* (Het.).
malabaricus. See *Pall.* (1760a), 1768a, 256.—(1760) 1768: *Gord.*
malayana Aless., 1905, 31, t. h. *Helarctos (Ursus) malayanus*; by Aless.—1905: *Unc.* 1909: *Ankylostoma.* 1911: *Agchylostoma.* 1916: *Ancylostoma (Ceylan-cylostoma).*
malayanicum F., S., & T., 1916a, 838, for *malayanum (Ancylostoma).*
malleus Linst., 1883a, 283, t. h. *Corvus cornix*; Turkestan.—1883: *Physalopt.*
malleus Müell., 1773b, 47, in aquis putei copiose.—1777: *Vibrio.* [1827: *Cercaria furcata.*]
maluri longicauda Dies., 1851a, 335, t. h. *Malurus longicauda*; Calcutta.—1851: *Nematoideum.*
mamillaris Mol., 1860c, 499, t. h. *Corvus cajanus*; Brazil.—1860: *Disph.* 1912: *Acuaria.*
mamillata Linst., 1897i, 30, t. h. *Plestiodon aldrovandi*; Mus. Kœnigsb.—1897: *Oxyuris.*
mamillaris Stoss., 1891b (c), 95 (15), for *mamillaris* (Disph.).
manica Duj., 1845a, 22, t. h. *Fringilla cœlebs*; Rennes.—1845: *Thominx*, mt. 1851: *Trichosomum (Thominx).* 1915: *Cap. (Thominx).*
manidis Dies., 1851a, 190, t. h. *Manis pentadactyla*; India, Ceylon: teste Whitfield.—1851: *Asc.*

- manifestus* Leidy, 1856b, 48, t. h. *Picus collaris*.—1856: *Echinor*.
mansioni Seur., 1914, 427, in Buse, cf. *Buteo vulg.*; Corse.—1914: *Habronema*.
mansonii Cast. & Willey, 1904, 79, t. h. *Mabuia carinata*; Colombo, Ceylon.—1904: *Fil*.
mansonii Cobbold, 1879b, 440, t. h. *Gallus gallus*; Amoy.—1879: *Fil*. 1903: *Spiropt*.
 1904: *Oxyspirura*.
mansonii Huber, 1896a, 604, for *sanguinis hominis*.—1896: *Fil*.
mantisdis-pustulata Linst., 1879b, 336, t. h. *Mantis* (*Polyspilota*) *pustulata*; Gold Coast.—1879: *Gord*.
mantisdis-religiosæ Dies., 1851a, 110, t. h. *Mantis religiosa*; Mus. Freiburg.—1851: *Mermis*.
maræna Gmel., 1790a, 3037; based on Kœlreuter.—1790: *Asc*. 1803: *Fus*. [1809: *A. albulæ*.]
marænæ Gmel., 1790a, 3049, s. *sipunculoides*, t. h. *Maræna*.—1790: *Echinor*.
marchii Porta, 1910, 702, t. h. *Cinclus aquaticus*; Firenze.—1910: *Corynosoma*.
marchouxi Mesnil & Brimont in Brimont, 1909, 170, t. h. *Midas midas*; Guyane.—1909: *Microfil*.
marecæ Dies., 1851a, 194, t. h. *Anas penelope*; Ireland.—1851: *Asc*.
marginata Rud., 1802a, 11, t. h. *Canis dom.*; by Rud.—1802: *Asc*. 1803: *Fus*. 1809: *Asc*. [1888: *A. mystax*.] [*Cf. mystax, wernerii*.] [1907: *Belasc*.] 1911: *Belasc*.
marginata Rud. of Leiper, 1907.—1911: *Toxasc*.
marginata microptera (Rud., 1819a) Duj., 1845a, 160.—1845: *Asc*.
marina Bast., 1865c, 129, marine; Falmouth.—1865: *Rhabditis*.
marina Buëtsch., 1874b, 269, in Kieler Bucht.—1874: *Tripyla*. [See 1886: *Tripyla*-*loides*.]
marina Buëtsch., 1874b, 285, Austernbænke; bei Sylt.—1874: *Odontophora*, mt.
marinum Leidy, 1855 (1904a), 144 (78), oyster bed in a sound; near Atlantic City, N. J.—1855: *Pontonema*. 1878: *Pontamonema*.
marinus Duj., 1845a, 231, among algæ in sea water; Lorient.—1845: *Dorylaimus*.
marinus Linn., 1758a, 648, in fundo maris subarena.—1758: *Lumbricus*.
marinus Linn., 1767a, 1075, in Maris Norwegicis, piscibus, frequentissime in visceribus *Clypeæ halecis*.—1767: *Gord*. 1780: *Asc*. 1790: *Asc*. 1791: *Proboscidea*. 1794: *Ascarides*. 1799: *Fil*. 1803: *Fus*. 1809: *Fil*. [1809: *Fil. piscium*.]
marinus Muëll., 1779a, 99, t. h. *Gadus*; by Muëll.—1779: *Cucullanus*. 1914: *Dacnitis*.
marinus Muëll., 1783, 163, in sea water.—1783: *Vibrio*. 1786: *Anguillula*. 1786: *Vibrio anguillula*. 1836: *Enchelidium*, mt.
marinus Velsch, 1674a, pl. 2, s. *Seta aquatica*.—1674: *Vitulus*.
marioni Man, 1888a, 32, free; North Sea.—1888: *Dolicholaimus*, mt.
marioni Southern, 1914a, 23; Clew Bay.—1914: *Stenolaimus*.
marionis Maupas, 1900a, 506, on lombrics; from Normandie.—1900: *Rhabditis*.
maritima Leuck., 1876a, 877, t. h. *Homo*; Greenland.—1876: *Asc*. 1896: *Ascoria*.
maritimus Ditlevsen, 1913, 429, free; Greenland.—1913: *Dorylaimus*.
marquayii Graff, 1907, 116, misprint for *demarquayii* (*Fil*).
marshalli Rans., 1907k, 3, t. h. *Ovis aries*; Montana.—1907: *Ostertagia*.
marsoni Linst., 1907, 172, misprint for *mansonii* Cast. & Willey (*Fil*).
martini Lebeuf & Ringenbach, 1910, 951, *Gerrhosaurus nigrolineatus*; Congo.—1910: *Microfil*.
martis Gmel., 1790a, 3031, in *martis intestinis*; teste Gœze.—1790: *Asc*. 1803: *Fus*. 1809: *Asc*. [*Cf. mystax*.]
martis Gmel., 1790a, 3040, t. h. *Martes*; teste Redi.—1790: *Fil*, tsd.
martis Schrank, 1788a, 8, *Marder*, etc., (kidney); teste Redi.—1788: *Asc*. [*Cf. Eustr. gigas, Diactophyme renale*.]
martis Werner, 1782a, 9.—1782: *Gord*.
martis et canis renalis Dies., 1851a, 327, refers to *Lumbricus* in *martis rene* of Redi.—1851: *Lumbricus*.
mascula Rud., 1819a, 653, t. h. *Coluber* sp.; Brazil.—1819: *Asc*.
masculor Rail. & Henry, 1911, 14, t. h. *Fennecus zerda*.—1911: *Belasc*.
mastigodes Nitzsch in Gieb., 1857a, 268, t. h. *Equus* cab.; Germany.—1857: *Oxyuris*. 1901: *Oxyuris equi*.
mastigoides Gough, 1908, 3, for *mastigodes* 1857, in *Equus*.—1908: *Oxyuris equi*. 1911: *Oxyuris*.
matmatæ Weiss, 1914 [nv.]; Seur., 1914, 524.—1914: *Microfil*.
matronensis Rail. & Henry, 1910, 153, t. h. *Corvus cornix*; Alfort.—1910: *Aprocta*.
matutina Menge, 1866, 5, in *Chironomus*.—1866: *Mermis*.
maupasi Potts, 1910, 439; Norfolk Broads.—1910: *Diplogaster*.
mauritunicus Maupas & Seur., 1912, 628, t. h. *dromadaire*; Ghardaia, Mzab.—1912: *Nematodirus*.

- maris* Leiper, 1909, 337, t. h. *Turdus musicus*; Scotland.—1909: Fil.
maxillaris Mol., 1860d, 645, t. h. *Mephitis chinch*: Brazil.—1860: Physalopt.
maxillaris Mol., 1861a, 494 (70), t. h. *Procyon cancrivorus*: Ypanema.—1861: Doch.
 1899: Unc.
marinus Bütsch., 1874b, 255, in garden soil: Germany.—1874: *Dorylaimus*.
maximus Schep., 1907a, 141; Nap.—1907: *Desmoscolex*.
mazzantii Rail., 1893a, 532, t. h. *Columba dom.*; by Mazzanti.—1893: Fil.
medenensis Aless., 1838, 2, misprint for *medinensis* (Fil.).
media Crep., 1825a, 11, t. h. *Falco fusco-ater*; by Schill.—1825: Spiropt.
medina Grunlder, 1740a, 329.—1740: Vena.
medinensis Linn., 1758a, 647, t. h. *Homo*; India.—[1674: Vena. 1740: Vena. 1740: Vermis.] 1758: Gord. [1759: *Dracunculus*.] 1773: Vena, mt. 1773: *Dracunculus*, mt. 1790: Fil. 1795: *Furia vena*. 1828: Vena. 1851: Vermis. 1914: Microfil.
medinensis Rosa, 1794a, 2, in *Mustela ioina*.—1794: Fil. [1851: *F. quadrispina*. 1858: *F. perforans*. 1916: *F. martis*.]
medinensis Dewitz, 1892b, 146, misprint for *medinensis* (Fil.).
mediospiralis Mol., 1860b, 968, t. h. *Dasyprocta aguti*, *Tapirus americanus*; Brazil.—1860: Spiropt. 1916: Physoc.
mediterranea Man. 1877b, 108; Med.—1877: Spira. [1888: *Aræolaimus*.]
medius Lint., 1907, 88, t. h. *Mycteroperca apua*; Bermuda.—1907: Echinor.
medius Reinhard, 1881, 592: Odessa.—1881: *Desmoscolex*.
megacantha Leidy, 1887b, 20, t. h. *Asio accipitrinus*, *Strix brachyotus*; Penn.—1887: Fil.
megacephala Sieb., 1850c, 665, for *megaloc.* (Asc.).
megacephalus Westrumb, 1821a, 14, t. h. *Coluber maculatus*; Brazil.—1821: Echinor.
megalacephalus Am. J. Vet. Med., 1912, 28 for *megalacephala* (Asc.).
megalæma Mathis & Leger, 1911, 411, t. h. *Megakema cyanotis*; Tonkin.—1911: Microfil.
megalaïma Stewart, 1914, 250, free; Chilka Lake.—1914: *Monhystera*.
megalaïmus Cobb, 1893b, 254 (5), lapsus and nomen nudum for *gymnolaimus* (*Mononchus*).
megalaïmus n. sp. Cobb, 1917n, 438, about roots of plants in a tamarack swamp; Wisconsin.—1917: *Mononchus* (*Mononchus*).
magalhaes Daniels, 1898a, 1012, misprint for *magalhães* (Fil.).
magalhaesi Mans., 1897d, 1837, for *magalhães* (Fil.).
magalhães Mans., 1901c, 562, misprint for *magalhães* (Fil.).
megalacephala Cloq., 1824a, 58, t. h. *Equus cab.*; Europe.—1824: Asc. 1898: *Ascaris*.
[*megalacephala* Krabbe, 1869b, 283, t. h. *Tringa alpina*; Schleswig, etc.—1869: *Tænia*. 1902: *Trichocephaloides*. 1908: *Trichocephalus*.]
megalacephala bivalens Sabaschnikoff, 1897a, 82.—1897: Asc.
megalacephala trivalens Zach., 1912, 718.—1912: Asc.
megalacephala univalens Mayer, 1908, 500.—1908: Asc.
megalocerca Skrj., 1916, 65, in *Geckonidæ*, gen.? sp.?—1916: *Oxyuris*.
megalochila Dies., 1851a, 278, t. h. *Zacholus austriacus*; M. C. V.—1851: Fil. [1861: *Schizoecheilonema*, type.] 1861: *Tricheilonema*, mt.
megaloon Linst., 1906, 169, t. h. *Hemidactylus leschenaultii*; Mamadu.—1906: *Oxyuris*.
megalostoma Crep., 1829b, 6, t. h. *Falco nisus*; Greifsw., by Barkow.—1829: Physalopt. 1845: Spiropt.
megarhynchus Linst., 1892h (i), 70 (12), t. h. *Notothenia coriiceps*; S. Georgien.—1892: Echinor.
megastoma Eberth, 1863a, 26; Nizza.—1863: *Oncholaimus*.
megastoma Rud., 1819a, 22, t. h. *Equus*; Berl.—1819: Spiropt. 1849: *Spirura*. 1866: Fil. 1914: *Habronema*.
megastoma major Gurlt, 1831 [nv.]; Dies., 1851a, 211; t. h. *Equus cab.*—1831: Spiropt.
megatyphlon Rud., 1819a, 47, t. h. *Lacerta ignana*; Ing.—1819: Asc. 1845: *Ozolaimus*, mt. 1866: *Oxyuris*.
megalacephala Weinberg, 1907, 17, misprint for *megaloc.* (Asc.).
melancholica Leidy, 1877d, 197, t. h. earth worm; by Leidy.—1877: *Anguillula*.
melancholicus Man. 1880a, 35, in sand: Holland. 1880: *Cylindrolaimus*.
melanocephalum Nierstrasz, 1907, 2; Kawasana, Malay Archipel.—1907: *Nectonema*.
melanocephalus Rud., 1819a, 20, t. h. *Scomber colias*, etc.; Nap.—1819: *Cucullanus*. 1915: *Camallanus*.
meleagrina Kollar in Oerley, 1882b, 310, t. h. pearl oyster.—1882: Asc.
meleagrina Linst. in Shipley & Hornell, 1904a, 78, t. h. *Balistes mitis*, etc.; Ceylon.—1904: Asc.

- meleagris* Trav., 1915, 156, for *meleagris-gallopavo* 1912, t. h. *Meleagris gallopavo*: Turin.—1915: Cap. (Thominx).
- meleagris-gallopavo* Barile, 1912, 126, t. h. *Meleagris gallopavo* dom.: Turin.—1912: *Trichosomum*.
- meleagris-galloparonis* Dies., 1851a, 302, t. h. *Meleagris gallopavo*: Ireland, Bellingh., 1844a, 105.—1851: Str.
- melinus* Fabr., 1794a, 12, *melis* 1788 renamed.—1794: Str.
- melis* Schrank, 1788a, 15, t. h. *Dachs*: Goetze.—1788: Str. 1789: Unc. type. 1791: Asc. [Cf. *U. criniformis*. 1802: Str. *crinif.*] 1809: Asc. [1809: Str. *crinif.* 1851: *Doch. crinif.*]
- melitensis* Guthrie, 1799a, 397, t. h. *Homo*: Russia.—1799: *Lumbricus*.
- mellio* F., S., & T., 1916, 883, misprint for *pellio* (*Rhabditis*).
- membranosa* Schneid., 1866a, 157, t. h. *Rana* sp.: Brazil.—1866: *Leptodera*. 1880: *Rhabditis*.
- mentulata* Rail. & Henry, 1909a, 87, t. h. *dromadaire*: India.—1909: *Ostertagia*.
- menura* Johnst., 1912, 83, t. h. *Menura superba*: Gosford, N. S. W.—1912: *Echinor*.
- menzelii* Hofman, in Hofman, & Menz., 1914, 84 littoral; Léman, Lac de Joux, etc.—1914: *Microlaimus*.
- mephites* Solanet, 1909, 90, t. h. *Mephites suffocans*: Buenos Aires.—1909: *Physalopt*.
- mephites* Solanet, 1909, 92, t. h. *Mephites suffocans*: Buenos Aires.—1909: *Agchylostoma*. [Cf. *conepati*.] [1909: *Ancylostoma*.] 1911: *Agchylostoma*.
- mephitidis* Gmel., 1790a, 3032, t. h. *Mephitis*: teste Redi.—1790: Asc. 1803: *Fus*.
- mergi* Dies., 1851a, 194, t. h. *Mergus merganser*: Ireland.—1851: Asc.
- mergi* Schrank, 1788a, 27, t. h. *Taucherganz*: by Bloch.—1788: *Echinor*.
- mergi-merganseris* Dies., 1861a, 683, t. h. *Mergus merganser*: by Mol.—1861: *Hyst-trichis*.
- mergorum* Rud., 1809a, 240, t. h. *Mergus albellus*, *M. serrator*.—1809: Str.
- mergorum* Rud., 1819a, 56, t. h. *Mergus merganser*, *M. serrator*: C. E. V. —1819: Asc. [1851: *A. spiculigera*.]
- meridiana* Cobb, 1914, 8, Bay; Cape Royds.—1914: *Chromadora*.
- meridiana* Cobb, 1914, 8, Bay; Cape Royds.—1914: *Euchromadora*.
- meridiana* Cobb, 1914, 8, Bay; Cape Royds.—1914: *Monhystera*.
- meridionalis* Panceri, 1878 (1876) 5, marine.—1878: *Echinoderes*.
- meridionalis* Steiner, 1916, 329.—1916: *Plectus*.
- merlucii-vulgaris* Dies., 1851a, 118, t. h. *Merlucius vulg.*: Nap.—1851: *Agamonema*.
- meropis* M. C. V. in Rud., 1819a, 9, t. h. *Merops apiaster*: C. E. V.—1819: Fil.
- meropis-apiastri* Mol., 1860b, 971 (63), t. h. *Merops apiaster*: M. C. V.—1860: *Acuaria*.
- meruanus* Cam., 1910, 28: Mt. Méru, German E. Africa.—1910: Gord.
- merula* Gmel., 1790a, 3046, t. h. *Merula* [*Turdus merula*, see Lühe]: by Goetze. —1790: *Echinor*.
- mesnili* Noc, 1908, 382, t. h. *Gecko*: Indo-China.—1908: Fil.
- mettami* Leiper, 1913, 460, t. h. *Equus* cab.: Lond.—1913: *Cylicost*.
- micans* Eberth, 1863a, 28, free; Nizza.—1863: *Odontobius*.
- micans* Max Schultze in Carus, 1857a, pl. 8 fig. 1; Ing.—1857: *Diplogaster*.
- micans* Nordm., 1840a, 664, in larva of a neuropt.—1840: *Phanoglene*? type.
- micans* Villot, 1875a, 466, free; Med.—1875: *Acanthopharynx*.
- michaelseni* Baylis, 1916, 297, for *michaelsenii* (*Enoplus*).
- michaelsenii* Linst., 1896a, 10, free; Uschuaia.—1896: *Enoplus*.
- micoletzki* Stefanski, 1915, 348: Czarna River, Pologne.—1915: *Cyatholaimus*.
- micracanthus* Rud., 1819a, 66, t. h. *Fringilla coelebes*, etc.: Mus. Wien.—1819: *Echinor*.
- micracanthus* Marval, 1905a, 257, misprint for *micracanthus* (*Echinor*).
- microanalus* Skrj., 1917, 303, t. h. *Erithacus* sp.: Russian Turkestan.—1917: *Aprocta*.
- microcephala* Rud., 1809a, 167, t. h. *Ardea comata*: by Nitzsch.—1809: Asc.
- microcephalus* Duj., 1845a, 246, t. h. *Emys orbicularis*: Mus. Wien.—1845: *Cucullanus*. 1915: *Camallanus*.
- microcephalus* Rud., 1819a, 665, t. h. *Didelphys cayopollin*: Brazil.—1819: *Echinor*. 1909: *Gigantor*. 1915: *Hamania*, tod. 1915: *Hamannia*, tod. [1915: *Hamaniella*, tod.]
- microcercus* Stoss., 1902d (et. 63 (3), t. h. *Lophius budegassa*: Genova. —1902: Asc.
- microdactyli-margaritii* M. C. V. in Mol., 1860b, 921.—1860: *Spiropt*. [1860: *S. brevipenis*.]
- microdorus* Man., 1880a, 85, in sand; Holland.—1880: *Dorylaimus*.
- microlabium* Mol., 1860e, 336, t. h. *Falco coronatus*: Rio Araguay.—1860: Asc.
- microlaima* Man., 1889c, 199.—1899: *Chromadora*. 1917: *Chromadorina*.
- microlaimus* Cobb, 1893b, 302 (53), on grass; Australia.—1893: *Aphelenchus*.

- microlaimus* Cobb, 1917n, 438, misprint for *macrolaimus* (*Mononchus* [(*Prionchulus*)] *muscorum*).
- microlaimus* Linst., 1899b, 21, t. h. *Testudo pardalis*; Africa.—1899: *Oxyuris*.
- microon* Linst., 1907, 265, t. h. *Nyctipithecus trivirgatus*; Mus. Frankf.—1907: *Oxyuris*.
- micropapillata* Stoss., 1890g, 129, t. h. *Pelecatus* sp.; Semlino.—1890: *Asc*.
- micropenis* Trav., 1915, 297 (3), t. h. *Nicticorax violaceus*, *Cancroma cochlearia*; Brazil.—1915: *Tetrameres* (*Tetrameres*).
- microphthalmus* Man., 1893a, 86; Falmouth.—1893: *Aræolaimus* (*Aræolaimoides*, mt.).
- microptera* Rud., 1819a, 41, t. h. *Canis lupus*; Berl.—1819: *Asc*. 1845: *A. marginata*. 1911: *Toxasc*.
- microphthalma* Man., 1880a, 6.—1880: *Monhystera*.
- microscopica* Gœze, 1782a, 110, t. h. *Erdregenwurm*; Europe.—1782: *Asc*, *minutissima*.
- microscopica* Polonio, 1860b, 23, t. h. *Podarcis muralis*; Padua.—1860: *Trichina*.
- microscopiculum* Skrz., 1915, 646, t. h. *Phalacrocorax carbo*; Turkestan.—1915: *Syngamus*.
- microstoma* Bast. [nv.]; Cobb, 1893b, 262, in soil and fresh water; Holland & England.—1893: *Mononchus*. (For *macrostoma* Bast., 1865c ?).
- microstoma* Drasche, 1884a, 327, t. h. *Testudo græca*; Trieste or Mus. Wien.—1884: *Oxyuris*.
- microstoma* Schneid., 1866a, 98, t. h. *Equus cab.*; Berl.—1866: *Fil*. 1872: *Spiropt*. 1911: *Habronema*.
- microstoma* Vet., Lond., 1876, 477, t. h. *Equus cab.*—1876: *Str*.
- microstomus* Daday, 1905, 57, in fresh water; Paraguay.—1905: *Prismatolaimus*.
- microstomus* Duj., 1845a, 234, in sea water; Lorient.—1845: *Enoplus*.
- microtyphlon* Smith, A. J., 1908a, 266, t. h. *Cyclura nubila*; Phila. Zool. Gard.—1908: *Oxyuris*.
- micrurus* Cobb, 1917n, 438, about Litchi roots; Fukien, China.—1917: *Mononchus* (*Mylonchulus*).
- micrurus* Mehl., 1831, 358, t. h. *Bos taurus*.—1831: *Str*. 1912: *Metastr*. 1915: *Dicatyocaulus*.
- micrurus* Daday, 1905, 68; Paraguay.—1905: *Dorylaimus*.
- micryphantidis-bicuspidati* Dies., 1851a, 112, t. h. *Micryphantes bicuspidatus*; by Sieb.—1851: *Mermis*.
- midæ* Mesnil & Brimont in Brimont, 1909, 170, t. h. *Midas midas*; Guyane.—1909: *Microfil*.
- migrans* Lespès, 1856a, 335, in termites; by Lespès.—1856: *Isakis*, mt. [1861: *Isaxis*, type.]
- mikruris* Schneidem., 1896a, 315, for *micrurus* (*Str*).
- miliarius* Zenker, 1832a, 18, t. h. *Astacus fluv.* [nv.].—1832: *Echinor*. 1851: *Gregarina*. [1907: *Echinossoma*.]
- militaris*.—See Lampa, 1907, 223.—1907: *Asc*.
- millefolii* Loew, 1874a, 17, in galls on leaves of *Achillea millefolium*.—1874: *Tylenchus*.
- milvi* Frøel., 1802a, 20, t. h. *Falco milvus*; Europe.—1802: *Fil*. 1814: *Trichoc*.
- milvi* Gmel., 1790a, 3033, t. h. *Falco milvus*; Gœze.—1790: *Asc*. [Cf. *spiralis*, *depressa*.]
- milvi* Gœze, 1782a, 85.—1782: *Asc. teres*. [See *depressa*.]
- milvi* Rud., 1809a, 85; cf. Gœze, 1782a, 85.—1809: *Gord*.
- mingazzinii* Rizzo, 1902b, 35, t. h. *Tropidonotus natrix*; Catania.—1902: *Trichosoma*. 1915: *Cap*. (*Cap*).
- miniatus* Linst., 1896a, 12, t. h. *Anas* sp.; Coll. Mich.—1896: *Echinor*.
- minima* Chaussat, 1850a, 36, t. h. *Rana escul.*; by Chaussat.—1850: *Anguillula*. 1905: *Lankesterella*, type. 1907: *Hæmogregarina*.
- minima* Cobb, 1893b, 262, in soil about roots of banana plants; Fiji.—1893: *Chromadora*. 1913: *Achromadora*, mt.
- minima* Cobb, 1893b, 266 (17), in banana plants; Fiji.—1893: *Diplogaster*.
- minima* Trav., 1914, 154, t. h. *Tachyphonus cristatus bruneus*.—1914: *Tetrameres*. 1915: *Tetrameres* (*Microtetrameres*).
- minimum* Linst., 1906, 170, t. h. *Felis rubiginosa*; Ceylon.—1906: *Ankylostomon*. 1909: *Unc*. 1916: *Ancylostoma*.
- minimum* Mol., 1857a, 217, t. h. *Mus musculus*; M. C. V.—1857: *Gongylonema*, tod.
- minimum* Cobb, 1893a, 826 (49), in soil; N. S. W.—1893: *Plectus*.
- minus* Man., 1876a (b), 120 (43), grass; Leiden.—1876: *Tylencholaimus*.
- minus* Steiner, 1914, 437, *minutus* Cobb not Büetsch. renamed; Airola.—1914: *Dorylaimus*.
- miniopteri* Kolenati, 1856d (1857a), 15, t. h. *Miniopterus shreibersii*.—1856: *Nematoideum*.
- ministerialis* Bory, 1824n, 778, dans l'eau des truffes.—1824: *Vibrio*. [1838: ?*Anguillula glutinis*.] 1851: *Anguillula*.

- minor* Cobb, 1891c, 156; Ceylon.—1891: Dipeltis.
minor Cobb, 1893b, 257 (8), in soil about banana plants; Fiji.—1893: Mononchus.
 1916: Mylonchulus, tod. 1917: Mononchus (Mylonchulus).
minor Cobb, 1893b, 266 (17), in sheaths of banana plants; Fiji.—1893: Diplogaster.
minor Cobb, 1893b, 281 (32), in soil about roots of banana plants; Fiji.—1893: Tripyla.
minor Cobb, 1893b, 303 (54), about roots of banana plants; Fiji.—1893: Aphelenchus.
minor Cobb, 1893a, 824 (47), in soil; N. S. W.—1893: Alaimus.
minor Cobb, 1898a (b), 299, in soil about roots of banana plants; Fiji.—1898: Chromadora.
minor Cobb, 1914, 72 (38), in mud; Potomac River.—1914: Aphanolaimus.
minor Cobb, 1914, 73 (39), in mud; Douglas Lake, Mich.—1914: Rhabdolaimus.
minor Cobb, 1915, 35; Douglas Lake, Mich.—1915: Ironus.
minor Dies., 1851a, 563.—1851: Asc. astrophidis-tigridis.
minor Duj., 1845a, 223.—1845: Asc. teres. [See Het. vesicularis.]
minor Kuhn, 1829a, 150, t. h. Delphinus phocæna; by Kuhn. 1829: Str. 1851: Prosthecosactor, tsd. 1866: Pseudalius. 1879: Pharurus.
minor Leiper, 1909, 35, t. h. Homo; Trinidad—1909: Lagochilasc. mt. 1916: Lagochilasc., type.
minor Looss, 1900c, 190, t. h. Equus; Egypt.—1900: Triodontus. 1901 (1902): Triodontophorus. 1903: Triodontophorus.
minor Mans., 1891b, 4, see sanguinis hominis minor (Fil.).
minor Maupas, 1900a, free; Normandie.—1900: Diplogaster.
minor Mol., 1861a (b), 575 (151), t. h. Rhea americana; Ytarare, S. America. 1861: Deletroch. dimidiatus. 1900: Str. dimidiatus.
minor Rud., 1884f, 225, t. h. Equus cab.; Samur.—1884: Sclerost. armatum.
minor Rud., 1809a, 129, based on Gœze, 1782.—1809: Asc. teres galli. [See vesicularis.]
minor Rud., 1819a, 34, t. h. Lepus cuniculus, L. timidus; by Zed. 1819: Str. retortiformis.
minor Rud.; Cat. RCSL, 1830, 39, in horses and ass; Rayer. 1843b, 1.—[1809: Str. armatus minor aneurysmaticus.] 1830: Str. armatus.
minor Savelev, 1912, 120; Kolafjord, Catharinahafen.—1912: Halichoanolaimus.
minor Schep., 1907a, 139; Bergen.—1907: Desmoscolex.
minor Southern, 1914a, 43; Clew Bay.—1914: Demania.
minor Stewart, 1914, 175, t. h. Wallago attoo; Lucknow.—1914: Spiropt. denticulata.
minor Stoss., 1896a, 77, t. h. Astrophis tigris.—1896: Asc. astrophidis.
minor Villot, 1875, 466; Med.—1875: Enoplus.
minor see sanguinis hominis minor (Fil.).
minor aneurysmaticus Rud., 1809a, 204, t. h. Equus asinus, E. cab.; Europe. 1809: Str. armatus. 1851: Sclerost. armatum.
minor astrophidis-tigridis Dies., 1851a, 195, t. h. Astrophis tigris; by Lamarepiequot.—1851: Asc.
minor, phasiani-galli et picti Rud., 1809a, 129.—1809: Asc. teres. [See vesicularis.]
minus Mar., 1870a, 23; Pharo, Joliette.—1870: Enoplost.
minuscula Trav., 1915, 388, t. h. Tamandua tetradactyla; Brazil.—1915: Viannaia. 1915: Vlannia.
minusculus Neum. [nv.]; Dolley, 1894a, 1012; in Equus cab.—1894: Str.
minuta Ben., 1871a, 17, t. h. Raia batis, R. clavata; Belgium.—1871: Coronilla.
minuta Ben., 1873b, 22, t. h. Vespertilio dasygnema; Belgium.—1873: Ascarops, mt. 1878: Spiropt.
minuta Mol., 1858 (1859e), 297, t. h. Platessa passer; Padua.—1858: Asc.
minuta Schneid., 1866a, 118, t. h. Ateles paniscus, Mycetes seniculus; Brazil.—1866: Oxyuris.
minuti Gœze, 1782a, 39, includes vermicularis renamed.—1782: Asc.
minutissima Gœze, 1782a, 40, t. h. earthworm, Europe.—1782: Asc.
minutissima microscopica Gœze, 1782a, 110, t. h. Erdregenwurm; Europe.—1782: Asc.
minutissimus Mégn., 1878f, 636, t. h. fat tailed sheep; Africa.—1878: Str. 1912: Metastr.
minutoide Par., 1907a, 1, t. h. Arvicanthys pulchellus; Ibanda, Africa.—1907: Str.
minutum Villot, 1875, 459; Roscoff.—1875: Leptosomatum.
minutus Büetsch., 1873a, 30, free; Ing.—1873: Dorylaimus.
minutus Clap., 1863a, 89; apparently St. Vaast.—1863: Desmoscolex, mt.
minutus Cobb, 1893a, 810 (33), about roots of sugar-cane; Australia.—1893: Dorylaimus.
minutus Cobb, 1893a, 815 (38), roots of sugar cane; N. S. W.—1893: Tylenchus.
minutus Cobb, 1893a, 831 (54), roots of sugar cane; N. S. W.—1893: Rhabditis.
minutus Duj., 1845a, 118, t. h. Mus sylvaticus, etc.; Rennes.—1845: Str. 1861: Metastr. 1909: Heligmosomum.
minutus Müell., 1776, 216.—1776: Lumbricus.

- minutus* Panceri, 1878, 6, marine.—1878: Echinoderes.
minutus Rud., 1819a, 21, t. h. Pleuronectes passer; Mus. Wien.—1819: Cucullanus.
 1851: Histioc.
minutus Rud., 1819a, 638, t. h. Didelphis cayopollin; Brazil.—1819: Trichoc.
minutus Zed., 1800a, 142, t. h. Anas iuscus; by Goeze.—1800: Echinor. 1911: Polymorphus, mt.
minutus coccineus Rud., 1809a, 295, for m. c. ovatus (Echinor.).
minutus coccineus, ovatus Goeze, 1782a, 164, t. h. Anas iuscus. Turdus atricapilla; by Goeze.—1782: Echinor.
mirabile Cobb, 1917n, 118, in marine sand and mud; Woods Hole.—1917: Pomponema, tod.
mirabile Leuck., 1884a, 320, t. h. Hylobius pini.—1884: Allantonema, mt. 1884: Allantinema. 1915: Tylenchomorphus, tod.
mirabilis Büetsch., 1873a, 44, on moss roots; F. a. M.—1873: Tylenchus. 1876: Tylencholumus, tsd.
mirabilis Büetsch., 1874b, 268, in Kieler Bucht.—1874: Linhomœus. 1907: L. (Linhomœus).
mirabilis Marval, 1904a, 582, in a bird [Vultur sp.: Mus. Wien].—1904: Gigantor. 1914: Heteroplus.
mirabilis Holman., in Holman. & Menz., 1914, 83: Léman & Vierwaldstättersee.—1914: Bathylaimus.
mirabilis Linst., 1903o, 527: Wainae Mts. in Oahu, H. I.—1903: Mermis.
mirabilis Polonio, 1859 [nv.]: Par., 1894a, 254, t. h. Hyla viridis, Rana escul.—1859: Echinor. 1908: Chentrosoma.
miselia-aprilina Dies., 1851a, 105, t. h. Miselia aprilina; by Duponchel.—1851: Fil. 1851: Gord.
mistax Sons., 1889c, 235, for mystax (Asc.).
mitchelli Sambon, 1907, 15, t. h. Pedetes caffer.—1907: Welcomia, tod. 1916: Welcomea, type.
mitchelli Smith, 1910, 487, t. h. Heloderma suspectum; from Arizona.—1910: Fil.
mitis Leuck., 1886d, 52, misprint for immitis (Fil.).
modestus Man, 1876a (b), 136 (59).—1876: Aphelenchus.
modigliani Trav., 1915, 158, for modiglianii in Lachesis sumatranus.—1915: Cap.
modiglianii Cam., 1892d, 539: Isola di Engano.—1892: Gord. 1895: Chord.
modiglianii Par., 1896b (c), 112 (5), t. h. Spirotreptus mentaweiensis: Isola Mentawai, Sereim.—1896: Isacis.
modiglianii Par., 1897c (d), 381 (2), t. h. Trimeresurus formosus: Mentawai, Sumatra.—1897: Trichosoma. [1915: Cap.]
molini Rail., 1898, 173, attenuatus 1860 renamed, in pecari.—1898: Str.
molini Stoss., 1896a, 75 (69), spiralis Mol. renamed, t. h. Pious comatus; Brazil.—1896: Asc.
molini Stoss., 1897b, 100, t. h. Tinamus tao, T. strigulosus: Brazil.—1897: Spiropt.
molini Stoss., 1899d, 115 (61), t. h. quadridentatum 1861 renamed, t. h. Mycetes coraya; Brazil.—1899: Sclerost.
moluccanus Roemer, 1896g, 254; Halmahera.—1896: Chord.
molukkanus Roemer, 1895a, 199, for moluccanus (Chord.).
molva Linst., 1905t, 355, t. h. Molva byrkelangi; Norway.—1905: Asc.
momoti-brasilensis M. C. V. in Mol., 1860b, 957.—1860: Spiropt. [1860: S. cephalopt.]
monacanthus Dies., 1853a, 35, t. h. Tenebrio molitor; by Stein.—1853: Cephalacanthus, probably type.
monochinus Linst., 1902a, 229, t. h. Myrmecophaga (Myrmecophila) quadridentata: Coll. Breslau.—1902: Echinor.
monhystera Büetsch., 1873a, 106, on roots of plantago; by Büetsch.—1873: Rhabdilis.
monhystera Cobb, 1893b, 281 (32), for monohystera (Tripyla).
monhystera Cobb, 1914, 72 (38) for monohystera (Anonchus).
monhystera Cobb, 1917n, 438, about roots of orange trees: Bahia, Brazil.—1917: Mononchus (Mononchus).
monhystera Linst., 1902d, 30, t. h. Metopoceros (Iguana) cornutus: Haiti, Coll. Spengel.—1902: Oxyuris. 1916: Macracis, tod.
monhysteroides Büetsch., 1874b, 259, in Kuhmist; Germany.—1874: Diplogaster.
moniliformis Brems. in Rud., 1819a, 71, t. h. Arctomys cricetus, Mus arvalis; C. E. V.—1819: Echinor. 1893: Gigantor. 1915: Moniliformis, tod.
monilis Hamm., 1838a, 358, t. h. Aphodius conspurcatus; by Hamm., [Wien].—1838: Anguillulina, mt. 1851: Anguillula.
monocercus Clap., 1863a, 90; St. Vaast.—1863: Echinoderes.
monoculi Gmel., 1790a, 3041 t. h. Monoculus apus; by Walch.—1790: Fil.
monodens Mol., 1860d, 658, t. h. Boa constrictor: Brazil.—1860: Physalopt.

- monodon* Linst., 1882a, 4, t. h. *Oidemia nigra*; by Linst. 1882; Str. 1899; Sclerost. 1915: Amidost.
- monohystera* Cobb, 1913, 444; Potomac River, Wash., D.C., etc.—1913: Anonchus, tod.
- monohystera* Man, 1889a, 13, in moist marsh soil at roots of plants; Holland.—1880: Tripyla.
- monohystera* Man, 1880a, 86, in sand; Holland.—1880: Dorylaimus.
- monohystera* Oerley, 1885, 63, for *monhystera* (Rhabditis).
- mononucleorum* Oken, 1815a, 190, t. h. *Mononculus apus*.—1815: Gord. (Fil.)
- monostichum* Cobbold, 1879b, 402, misprint for *monostichum* Sclerost.
- monostichum* Dies., 1851a, 306, t. h. *Tapirus americanus*; Brazil.—1851: Sclerost. 1861: Oesophagost. 1866: Str. 1899: Oesophagost.
- montenegrii* Kaltenbach, 1915, 525.—1915: Gord.
- montgomeryi* Cam., 1901d, 1; Madagascar.—1901: Chord.
- montivelliana* Stoss., 1890g, 130 (2), t. h. *Poecile palustris*, *Sylvia atricapilla*; Zagarbra.—1890: Fil.
- monticelliana* Stoss., 1892b, 72 t. h. *Otis tarda*; Leipzig.—1892: Het.
- monticellii* Porta, 1904a, 3, t. h. *pesce teleosteo*; Wimereaux.—1904: Echinor.
- montoni* Shipley, 1903, 1, 152, for *moutoni* (Chord.).
- montedonsense* Mar., 1870a, 27, free; Marseille, Montredon.—1870: Thoracost. [?1875: Leptosomatum.]
- montedonsense* Villot, 1875a, 466; Med.—1875: Leptosomatum. [?1870: Thoracost.]
- mora* Fourm., 1886a, 763, t. h. *Mora mediterranea*; Coast of Morocco.—1886: Asc.
- mordens* Leiper, 1908, 102, t. h. *Homo*; Uganda.—1908: Physalopt.
- morgani* Montg., 1898a, 47; Maryland.—1898: Chord.
- morgense* Hofman, in Hofman & Menz., 1914, 88, in feuchten Schlamme und Moospolster; Switz.—1914: Criconema. 1917: Hoplolaimus.
- morinelli* Rud., 1819a, 78 t. h. *Charadrius morinellus*; C. E. V.—1819: Echinor.
- morrhua* Ben., 1871a, 92, t. h. *Gadus morrhua*; Belgium.—1871: Ascarophis, mt. 1880: Ascaropsis.
- morstatti* Mar., 1870a, 31, free; Endoume, Pharo, Joliette.—1870: Rhabdotoderma, mt.
- moschata* Stoss., 1897a, 4, t. h. *Eledone moschata*; Nap.—1897: Asc.
- motacillæ* Rud., 1819a, 635, t. h. *Muscicapa*; Brazil.—1819: Fil.
- motacilla-atricapilla* Rud., 1819a, 77, t. h. *Motacilla atricapilla*; C. E. V.—1819: Echinor.
- motacillarum* Rud., 1819a, 9, t. h. *Motacilla oenanthe*, etc.; C. E. V.—1819: Fil.
- moutoni* Cam., 1895d, 99; China.—1895: Chord.
- mouzelii* Mathis & Legér, 1911, 61, t. h. *Garrulax perspicillatus*; Tonkin.—1911: Microfil.
- mucronata* Dies., 1851a, 235, t. h. *Champsia nigra*; Brazil.—1851: Physalopt.
- mucronata* Dies., 1861a, 624; Charkovia.—1861: Amblyura.
- mucronata* Frel., 1791a, 97, t. h. *Anas*; by Delius.—1791: Asc. [1809: Str. nodularis.] 1853: Str. 1899: Sclerost.
- mucronata* Grube, 1849a, 361, free in soil; by Grube.—1849: Anguillula. 1865: Rhabditis. [?1866: Pelodera.]
- mucronata* Mol., 1858d, 155, t. h. *Boa constrictor*; Padua.—1858: Fil. 1861: Dipetalonema. 1897: Fil.
- mucronata* Mol., 1858 (1859e), 296, t. h. *Bufo. vulg.*; Padua.—1858: Oxyuris.
- mucronata* Schneid., 1866a, 151 [see also *mucronata* Grube, 1849].—1866: Pelodera.
- mucronata* Schrank, 1790, 121, t. h. *Silurus glanis*; Schrank.—1790: Asc. 1800: Fus. 1809: Asc.
- mucronatum* Baird, 1862c, 314, t. h. *Phrymaturus palluma*; from Chile.—1862: Sclerost.
- mucronatum* Bugnion, 1878a, 249, for *m. chironomi-plumosi*.—1878: Merinthoidum.
- mucronatum* Mol., 1858d, 157, t. h. *Mustela foina*; Padua.—1858: Calodium. 1890: Trichosoma. 1915: Cap. (Cap.).
- mucronatum* Mol., 1861a, 474, t. h. *Dasypus gilvipes*; Brazil. M. C. V.—1861: Diploodon, tsd. 1897: Unc.
- mucronatum* Rud., 1809a, 117, t. h. *Vespertilio auritus*; by Gæze.—1809: Ophiost. 1816: Fissula. 1840: Ophiost.
- mucronatum* Seur., 1916, 718, t. h. *Erinaceus algirus*; Algeria.—1916: Gongylonema.
- mucronatum chironomi-plumosi* Kræmer, 1853a, 291.—1853: Merinthoidum.
- mucronatus* Mol., 1861a (b), 547 (123), t. h. *Crotalus horridus*; Brazil.—1861: Kalic., ?type. 1909: Diaphanoc.
- mucronatus* Schlotthauber, 1860a, 127, t. h. *Picus canis*, *P. major*.—1860: Syngamus.
- mülleri* Dies., 1861a, 623, s. *Anguillula marina*.—1861: Pontonema. 1878: Pontamonema.

- mülleri* Goeze, 1782a, 434.—1782: Str.
mugientis Linst., 1898d, 761, t. h. *Rana mugiensis*: from N. A.—1898: Spiropt.
mugilis Dies., 1851a, 286, t. h. *Mugil capito*; Ireland.—1851: Fil.
mulli Dies., 1861a, 727, t. h. *Mullus barbatus*; Trieste.—1861: Agamonema.
mulli Rud., 1819a, 59, t. h. *Mullus rubescens*; Rimini.—1819: Asc.
multicinctus Cobb, 1893b, 301 (52), about roots of banana plants; Fiji.—1893: Tylenchus.
multilobata Drasche, 1882 (1883a), 139, t. h. *Dicholophus maregrafi*; Brazil.—1883: Asc.
multiapilla Mol., 1858c, 385, t. h. *Hypsilophus tuberculatus*, *Thorictis dracena*; M. C. V., Brazil.—1858: Fil.
multiapillata Drasche, 1882 (1883a), 140, t. h. *Tantulus loculator*; Brazil.—1882: Asc.
multiapillata Skrj., 1916, 78, t. h. *Julus* sp.; Brit. E. Africa.—1916: Isacis.
multiapillatum Stefanski, 1914, 461, free, dans les sphaignes; lac Lussy.—1914: Bunonema.
multiapillatus Daday, 1905, 50, in fresh water; Paraguay.—1905: Aphanolaimus.
multiapillosa Condamine & Drouilly, 1878a, 1145, t. h. *Equus cab.*; from Hungary.—1878: Fil.
muræne Dies., 1851a, 203, for *maræne* (Asc.).
muræne Westrumb, 1821a, 42, error for *maræne* (Echinor.).
muræne-anguillæ Gmel., 1790a, 3051.—1790: *Cucullanus lacustris*.
muræne-anguillæ Rud., 1810a, 274.—1810: Vermis (dubius). 1851: Nematodeum.
muræne Bosc, 1802a, 10, t. h. la murène, cf. *Osmerus eperlanus*; based on Martin, 1780.—1802: Echinor.
murica Babès, 1880a, 165.—1880: Fil. 1880: Spiropt.
murici Linst., 1889a, 6, misprint for *muriei* (Spiropt.).
muricola Linst., 1905bb, 185, t. h. *Mus surifer*; Siam.—1905: Spiropt. 1916: Fil.
muridis Par., 1907a, 2, t. h. *Otomys irroratus*, O. i. *tropicalis*; Fort Portal, Africa.—1907: Unc.
murici Cobbold, 1876, PZSL, 296, t. h. *Pithecia leucoc.*; by Murie.—1876: Spiropt.
murici Cobbold, 1879b, 427, t. h. *Balenoptera musculus*; by Murie.—1879: Echinor.
murina Leuck., 1867b, 76.—1867: Spiropt.
murina Trav., 1914, 429; 1915, 153, t. h. *Eunectes murina*.—1914: Cap. 1915: Cap. (Cap.).
muris Frøel., 1791a, 99, t. h. *Mus musculus*; by Goeze, 1782a.—1791: Asc. vermicularis. [1802: Asc. obvelata.]
muris Gmel., 1790a, 3032, for *muris-domestica-minoris* (Lumbricus).—1790: Asc. 1803: Fus. 1809: Lumbricus. [1809: Asc. obtusa.] [1819: Spiropt. obtusa.] 1897: Fil. 1916: Protospirura.
muris Gmel., 1790a, 3051, t. h. *Mus*; Goeze, 1782.—1790: *Cucullanus*.
muris M. C. V. in Mol., 1860b, 928.—1860: Spiropt. [1860: S. bilabiata.]
muris Schrank, 1788a, 4, t. h. *Mus musculus*; Goeze, 1782a.—1788: Trichoc. 1791: Trichuris. 1916: Mastigodes.
muris Schrank, 1788a, 21, t. h. *Mus musculus*; by Borke.—1788: Echinor. [See 1782: Pseudoechinor., tsd.] 1790: Hæruca, mt. 1815: Hærucula Raf., type.
muris Zed., 1803a, 70, t. h. *Mus*.—1803: Mastigodes.
muris-amphibii Rud., 1810a, 262; by Redi.—1810: Vermis (dubius). 1819: Dubium. 1851: Nematodeum.
muris-brasilensis Dies., 1861a, 653, t. h. *Mus brasiliensis*; Brazil.—1861: Physalopt.
muris-decuman Rayer, 1843g, 180, t. h. *Mus decumanus*.—1843: Trichosoma.
muris-domestica-minoris Werner, 1782a, 10, t. h. *Mus domestica minor*.—1782: Lumbricus.
muris-musculi Dies., 1861a, 692, t. h. *Mus musculus*; Frøel., 1791.—1861: Trichosoma. 1915: Cap.
muris-musculi Rud., 1810a, 262; by Redi.—1810: Vermis (dubius). 1819: Dubium.
muris-scandentis M. C. V. in Mol., 1858c, 411.—1858: Fil. [1858: F. bifida.]
muris-sylvatici Dies., 1851a, 259, t. h. *Mus sylvaticus*; Rennes.—1851: Trichosoma. 1915: Cap.
murmanicum Savelev, 1912, 118, im schlammigen Sande; Catharinahafen.—1912: Symptlocost.
murmanicus Savelev, 1912, 114; Kolatjord, Catharinahafen.—1912: Enoploides.
murrayi Southern, 1914a, 66; Co. Mayo.—1914: Ogma, mt. 1917: Hoplolaimus.
murshida Lane, 1914, 388, t. h. *Elephas indicus*; India.—1914: Murshida, tod.
musæ Cobb, 1893b, 263 (14), in soil about roots of banana plant; Fiji.—1893: Chromadora.

- musca* Carter, 1861b, 30, t. h. *Musca* dom.; Bombay.—1861: Fil. 1861: *Habronema*, mt. 1913: *Spirura*.
- muscapæ* Linst., 1878b, 234, t. h. *Muscicapa atricapilla*; Ing.—1878: Fil. 1891: Disph. 1912: *Acuaria*.
- muscapæ* M. C. V. in Mol., 1858c, 374, t. h. *Lichenops perspicillata*.—1858: Fil. [1858: *F. serotina*.]
- muscapæ* Rud., 1819a, 77, t. h. *Muscicapa collaris*; C. E. V.—1819: *Echinor*.
- muscapæ-coronata* M. C. V. in Mol., 1858c, 434, t. h. *Muscicapa coronata*; Matogrosso.—1858: Fil.
- muscapæ-flammæ* Dies., 1851a, 335, t. h. *Muscicapa* (*Phœnicornis*) *flammea*; Calcutta.—1851: *Nematoideum*.
- [*muscolari* dell' Acqua Felici, 1869, 116, not as specific name.—1869: *Trichina*.]
- muscorum* Duj., 1845a, 237, free, dans les touffes de mousses; Paris; in ? *Gasterosteus lævis*; Rennes.—1845: *Oncholaimus*. 1865: *Mononchus*. 1916: *Prionchulus*, tod. 1917: *M. (P.)*.
- muscorum macrolaimus* Cobb, 1917n, 465 in *Cladonia rangiferina*; Wisconsin.—1917: *Mononchus* [(*Prionchulus*)].
- muscorum microlaimus* Cobb, 1917, 438 misprint for *m. macrolaimus*.—1917: *Mononchus* [(*Prionchulus*)].
- musculi* Brug., 1791a, 107, t. h. *Mus musculus*.—1791: *Hæruca*.
- musculi* Rud., 1819a, 1819, 8, t. h. *Mus musculus*; C. E. V.—1819: Fil. 1894: *Gongylonema*.
- mustela-barbata* M. C. V. in Mol., 1858a, 168, for *mustelæ-barbaræ* (Fil.).
- mustela-foina* Crep., 1846b, 160, for *mustelæ-foinæ* (Fil.).
- mustelæ* Mol., 1861c, 327, t. h. *Mustela vulg.*; Ireland.—1861: *Trichosoma*. [1861: *Calodium alatum*.]
- mustelæ* Rud., 1819a, 75, t. h. *Mustela vulg.*; *Mus. Wien*.—1819: *Echinor*.
- mustelæ-barbaræ* M. C. V. in Mol., 1858c, 387, t. h. *Gulo barbatus*; Brazil.—1858: Fil. [1858: Fil. *perforans*.]
- mustelæ-foinæ* Crep., 1846b, 161, t. h. *Mustela foina*; quotes Aless.—1846: Fil.
- mustelæ-martis* Rud., 1810a, 263.—1810: *Vermis* (*dubius*).
- mustelæ-putorii* Crep., 1846b, 165.—1846: Fil.
- mustelæ-putorii* Rud., 1810a, 263.—1810: *Vermis* (*dubius*).
- must[elæ]-putorii pulmonalis* Crep., 1846b, 159.—1846: Fil.
- mustelarum* Rud., 1809a, 69, s. *martis* Gmel., t. h. *Mustela foina*, etc.; by Redi.—1809: Fil. 1858, 1861: *Filaroides*, mt.
- mustelarum* Rud., 1819a, 53, *martis* renamed, t. h. *Mustela martes*, *M. foina*; C. E. V.—1819: Asc. [1896: *A. mystax*.]
- mustelarum* Rud., 1819a, [8], 799, for *mustelarum pulmonalis* (*Dubium*).
- mustelarum pulmonalis* Rud., 1819a, 8, t. h. *Mustela foina*, etc.; [Europe].—1819: Fil.
- mustelarum subcutanea* Rud., 1819a, 7, t. h. *Mustela foina*, etc.; C. E. V.—1819: Fil.
- mutabilis* Rud., 1819a, 669, t. h. *Ardea egretta*, etc.; Brazil.—1819: *Echinor*. 1915: *Polymorphus*.
- muticus* Mehl. in Crep., 1845a, 329, t. h. *Cervus dama*; by Mehl.—1845: Str.
- muticus* Müell., 1777, 4 [nv.]; 1780c, 209, [t. h. *Gadus morhua*].—1777: *Cucullanus*. 1780: *Cucullanus*.
- mycogenes* Schwartz, 1912, 26, in culture of *Cryptosporium nesii* Corda.—1912: *Aphelenchus*.
- myolare* Lutz, 1886e, 62 [misprint for *mystax*?] in *Canis fam.*, *Felis dom.*; Brazil.—1886: Asc.
- myotheræ* M. C. V. in Mol., 1858c, 425, t. h. *Myothera ruficeps*; Brazil.—1858: Fil.
- myotheræ-campanisonæ* Mol., 1858c, 425, t. h. *Myothera campanisonæ*; Ypanema.—1858: Fil.
- myotheræ-chrysopygæ* Mol., 1858c, 425, t. h. *Myothera chrysopygæ*; Ypanema.—1858: Fil.
- myotheræ-regis* (*renalis*) Mol., 1858c, 424, t. h. *Myothera* (*Turdus*) *rex*; Marabitanas, Coll. Brazil.—1858: Fil.
- myotheræ-ruficipitis* Mol., 1858c, 424, t. h. *Myothera ruficeps*; Maribatanas, Brazil.—1858: Fil.
- myotheræ-scandentis* M. C. V. in Mol., 1858c, 398; M. C. V., Coll. Brazil.—1858: Fil. [1858: *F. obtusa*.]
- myoxi* Rud., 1819a, 36, t. h. *Myoxus glis*; C. E. V.—1819: Str.
- myoxi-nitela* Dies., 1851a, 260, t. h. *Myoxus nitela*; Rennes.—1851: *Trichosoma*. 1915: Cap.
- myriapodica* Skrj., 1916, 60, t. h. *Polydesmus* sp.; Brit. E. Africa.—1916: *Oxyuris*.
- myrmecophagæ* Dies., 1851a, 331, t. h. *Myrmecophaga didactyla*; Brazil. Rud., 1819a.—1851: *Nematoideum*.

- myrmecophaga-jubata* M. C. V. in Mol., 1858c, 383. t. h. *Myrmecophaga jubata*; Brazil.—1858: Fil. [1858: Fil. æqualis.]
- myrmecophaga-jubata* M. C. V. in Mol., 1861a 521 (97).—1861: Str. [1861: S. inflatus.]
- mystax* Zedl., 1800a, 322, t. h. *Felis dom.*, Europe.—1800: Fus. 1802: Asc. 1896: Askaris. [1907: Belasc., tod.] 1910: Belasc., tod. [Cf. *alata*, *tricuspidata*, *wernerii*, *triquetra*, etc.]
- mystax canis* Werner, 1782: see *canis*.—1893: Asc.
- mystax felis* Gmel., 1790a, see *felis*.—1893: Asc.
- mystax leonis* Vallillo, 1909h, 461, t. h. *Felis leo*; Italy: see *leonis*.—1909: Asc.
- mystax leptoptera* (Rud., 1809a) Dramard, Benoit & Bazil, 1905, 22, t. h. lion.—1905: Asc.
- mysticeti* Ben., 1870a, 348, t. h. *Balæna mysticetus*; teste Phipps.—1870: Echinor.
- myxines* Linst., 1898d, 760, t. h. *Myxine glutinosa*; Kverfjorden.—1898: Asc.
- naidis-albida* Dies., 1861a, 726, t. h. *Nais albida*; India.—1861: Nematodum.
- nanus* Man, 1880a, 39, in moist soil; Holland.—1880: Cephalobus.
- nanus* Braun & Luehe, 1909a, 89, apparently for *pusillus* 1890 not 1803, see *abstrusus*, t. h. *Felis dom.*; Munich.—1909: Str.
- napeiformis* Rud., 1802a, 47, t. h. *Erinaceus europæus*; by Rud.—1802: Echinor.
- nardoi* Mol., 1859h, 15, t. h. *Belone acus*; Padua.—1859: Echinor. [1907: *Echinoma*.]
- narium* Linst., 1901e, 276, t. h. *Buteo* sp.; Gouvern. Wolhynien.—1901: Aprocta.
- nasicola* Linst., 1899b, 18, t. h. *Capra hircus*, *C. rufus*; Rio Grande do Sul, Kamerun.—1899: Syngamus.
- nasicola* Leuck., 1842a, 43, t. h. *Mustela foina*, *M. putorius*; by Leuck.—1842: Fil. 1842: Spiropt.
- nassatum* Looss, 1900c, 187, t. h. *Equus*; Egypt.—1900: Cyathost. 1901: Cylichnost. 1911: Cylicost.
- nasua* Darling, 1911, 20, t. h. *Nasua nasica panamensis*; Panama.—1911: Strongyloides.
- nasuta* Rud., 1819a, 23, t. h. *Fringilla dom.*; Mus. Wien.—1819: Spiropt. 1845: Disph. 1866: Fil. 1912: *Acuaria* (*Dispharynx*, tod.).
- nasuta* Schneid., 1866a, 45, t. h. *Pelecanus onocrotalus*; Ostsee.—1866: Asc.
- natans* Bast., 1865c, 155, tide-pools; Falmouth.—1865: Tachyhodites, tsd. 1880: Monhystera.
- natans* Bast., 1865c, 168, aquarium; Falmouth.—1865: Chromadora.
- natrix* Rud. of Linst., 1878a, 188, see *natrix* (*intestinales*).—1878: Nematodeum.
- natrix* Wedl, 1855a, 391, t. h. *Coluber*; Crep., 1844a, 121.—1857: Nematodeum.
- natrix* (*intestinales*) Dies., 1851a, 337, t. h. *Tropidonotus natrix*.—1851: Nematodeum.
- natrix* (*pulmonale*) Dies., 1851a, 337, t. h. *Tropidonotus natrix*; Greifsw., quotes Crep.—1851: Nematodeum. 1861: Nematodum.
- nattereri* Cobbold, 1879b, 412, *dentatus* 1839 renamed.—1879: Stephanurus.
- necrophori* Linst., 1878b, 241, t. h. *Necrophorus vespillo*.—1878: Agamonematodum.
- neglecta* Dies., 1851a, 276, t. h. *Pelophylax escul.*; M. C. V.—1851: Fil.
- neglecta* Dies., 1851a, 296, t. h. *Thynnus vulg.*; M. C. V.—1851: *Oncophora*, mt. 1871: *Onchophora*. 1852–53: *Onchofora*.
- neglecta* Leidy, 1856b, 52, t. h. *Diodon maculostriatus*; by Baird.—1856: Asc.
- neglectus* Jægers., 1909, 2, t. h. *Numenius arquatus*, etc.; Cagliari, Mus. Wien, Mus. Genoa.—1909: Hystrichis.
- neglectus* Poeppel, 1897a, 15, t. h. *Equus* cab.—1897: Str.
- neitsib* Herbst, 1787a, 27, for *neitsil* (Asc.).
- neitsil* Müell., 1776a, 214, t. h. *Phoca foetida*; Greenland.—1776: Asc.
- nelsonis* Chatin, 1885a, 41, hng.—1885: Asc.
- nematoides* Greeff, 1869a, 112.—1869: Desmoscolex.
- nematodeus dubius* Schlotthauber, 1860a, 128, t. h. *Equus* cab.: by Schlotth.—1860: Helmins.
- nematodeus paradoxus* Schlotthauber, 1860a, 128, t. h. *Gadus aeglefinus*, *Sterna hirundo*.—1860: Helmins.
- neoplastica* Fibiger & Ditlevsen, 1914, 1, t. h. *Mus decumanus*, etc.; Copenhagen.—1914: Spiropt. (*Gongylonema*). 1916: Gong.
- neotoma* Hall, 1916a, 132, t. h. *Neotoma cinerea rupicola*, etc.; Colo.—1916: Nematodirus.
- nicothoe* Pag., 1861a, 125, t. h. *Nicothoe*; by Pag.—1861: Leptodera.
- nidifer* Lint., 1900a, 267, t. h. *Galeocercus tigrinus*; Woods Hole.—1900: Acanthocheilus.
- niellyi* R. Bl., 1885, [nv.]; 1890a, 67, based on Nielly, 1882, 337, in Homo.—1885: Leptodera. 1890: Rhaditis. 1889: Fil. 1893: Lept.
- niger* Man, 1893a, 100, free; Falmouth.—1893: Siphonolaimus, mt.
- nigeria* Leiper, 1911, 552, in large rodent; Nigeria.—1911: Trachypharynx, tod.
- nigra* Linst., 1903o, 529, a larva; from Zomba on Nyassa-See, S. Africa.—1903: Mermis.
- nigrescens* Duj., 1842a, 117; Rennes.—1842: Mermis, tod.

- nigrescens* Linst., 1906, 253, t. h. *Rana hexadactyla*; Koenigsb. 1906: *Cucullanus*. 1915: *Camallanus*.
- nigrescens* Muell., 1780b, 140, in *Hechte*, etc.—1780: *Asc. seta stricta*.
- nigrescens* Muell., 1780c, 204, see *seta stricta nigrescens*. 1780: *Asc. seta stricta*.
- nigrescens* Jerke, 1911: Olt, 1911, 898.—1911: Str.
- nigricans* Cobb, 1894c, 416; Bay of Nap.—1894: *Chromagaster*.
- nigricans* Leuck., 1867b, 53, for *nigrescens*? (*Mermis*).
- nigricinctus* Rail., 1898b, 173, t. h. *Palamedea cornuta*.—1898: Str.
- nigrovenosa* Goeze in Zed., 1800a, 50, t. h. Frösche & Wasserkroten; Germany.—1800: *Asc.* 1800: *Fus.* 1841: *Oxyuris* (*Asc.*). 1866: *Leptodera*. 1879: *Rhabdonema*, mt. 1880: *Rhabdonema* (*Asc.*). 1882: *Angiost.* 1882: *Rhabditis*. [1905: *Rhabdias*, tod.] 1908: *Angiost.* (*Rhabdonema*).
- nina kohl-yakimovi* Yakimoff, etc., 1914, 192, t. h. *Equus cab.*; Turkestan.—1914: Microfil.
- ninnii* Stoss., 1891a, 217 (2), t. h. *Corvus cornix*; Venice.—1891: Fil.
- ninnii* Stoss., 1891d (c), 112 (4), t. h. *Putorius vulg.*; Venice. 1891: *Echinor.* 1908: *Chentrosoma*.
- nisi* Froel., 1802a, 35, t. h. *Falso nusus*; Ing.—1802: *Asc.*
- nitidulans* Schneid., 1866a, 81, t. h. *Tapirus americanus*; Brazil.—1866: Fil.
- nitida* Leidy, 1856b, 56, t. h. *Rana pipiens*; Ing. [U. S. A.].—1856: Fil.
- nitidum* Leidy, 1856b, 49; in Schuylkill River, near Phila.—1856: *Potamonema*, mt. 1878: *Potamonema*.
- nitzschi* Gieb., 1866a, 87, t. h. *Balistes aculeatus*; by Gieb.—1866: *Echinor.*
- nitzschi* Gieb., 1866a, 276, t. h. *Mustela martes*; by Nitzsch.—1866: *Trichoc.*
- nivalis* Aur., 1883, 7, in snow; Alkhornet.—1883: *Aphelenchus*.
- nivalis* Kuehn, 1880 [nv.].—1880: *Tylenchus*. 1909: *Tylenchus*.
- nobilis* Cam., 1901b, 1; Argentine.—1901: Chord.
- noctua* Seur., 1913, 103, t. h. *Carine noctua glaux*; Birine, Hauts plateaux algeriens.—1913: *Acuaria* (*Dispharynx*).
- noctua* Seur., 1914, 222, t. h. *Carine noctua glaux*; Bou-Saâda.—1914: *Allodapa*.
- noctua-typica* Dies., 1851a, 104, t. h. *Noctua typica*; by Krosmann.—1851: Fil. 1851: Gord.
- nocturna* Mans., 1891f, 734; 1891g, 204, t. h. *Homo*; St.-Kitts.—1891: Fil. 1891: Fil. *sanguinis hominis*. 1901: Fil. *sanguinis*. 1904: Fil. *hominis sanguinis*. 1906: Microfil. 1908: Microfil. 1910: Fil. *sanguinis aegyptiaca*.
- nocturna* Henry, 1896g, 667, for *nocturna*. See *sanguinis hominis nocturnae* (Fil.).
- nocturnis* Johnstone, 1903a, 34, for *nocturna*.—1903: Fil. *sanguinis hominis*.
- nodicaudatus* Daday, 1899, 567.—1899: *Prismatolaimus*.
- nodispina* Mol., 1858c, 402, t. h. *Falco subbuteo*; M. C. V.—1858: Fil.
- nodosa* Mol., 1858c, 380, t. h. *Cebus personatus*, *Jacchus melanarus*; M. C. V., Coll. Brazil, Matogrosso, Irisanga.—1858: Fil.
- nodosa* Rud. of Linst., 1903u, 268, for *nodulosa*, in *Lanius collurio*, Marienburg; L. erythronotus, Turkestan.—1903: Fil.
- nodosum* Eberth, 1863a, 53.—1863: *Trichosomum*. [See ? *Trichoc. nodosus* Rud.]
- nodosus* Rud., 1809a, 96, *muris* renamed, t. h. *Mus musculus*; Goeze, 1782a.—1809: *Trichoc.* 1824: *Tricoc.* 1828: *Tricoc.* [? 1863: *Trichosoma*.] 1946: *Trichuris*.
- nodosus* Rud., Wyman, 1843a, 95, ? for *nodulosus*, t. h. *Labrax lineatus*.—1843: *Echinor.*
- nodularis* Rud., 1809a, 230, *nodulosus* renamed, t. h. *Anser*.—1809: Str. 1909: *Trichostr.*
- nodulosa* Rud., 1809a, 84, t. h. *Gallina*; by Goeze.—1809: *Hamularia*.
- nodulosa* Rud., 1820a, 13, t. h. *Lanius collurio*; [Germany].—1820: Fil. [1861: *Monopetalonema*.]
- noduloso striata* Linst., 1878a, 107, for *unduloso-striata* Baird, 1862b.—1878: *Asc.*
- nodulosus* Mayer, 1841a, 14, *ambigua* renamed, in rabbit.—1841: *Oxyuris*.
- nodulosus* Rud., 1803a, 18, includes *anseris* Zed.—1803: Str.
- nodulosus* Schrank, 1790a, 124, t. h. *Silurus glanis*; teste Schrank; [t. h. *Cyprinus dobula*; teste Zed.].—1790: *Echinor.*
- noereri* Rail. & Henry, 1907a, 752, t. h. *chevreuil*.—1907: *Dictyocaulus*.
- normandica* Man, 1890b, 169; Calvados, de la Manche.—1890: *Monhystera* (*Theristus*).
- norvegicus* Schep., 1907a, 143; Bergen.—1907: *Desmoscolex*.
- notodontæ-camelinæ* Dies., 1851a, 102, t. h. *Notodonta camelina*; by Rossi.—1851: Fil. 1851: Gord.
- notodontæ-dromedarii* Dies., 1851a, 111, t. h. *Notodonta dromedarius*; by Sieb.—1851: *Mermis*.
- notodontæ-ziczac* Dies., 1851a, 102, t. h. *Notodonta ziczac*; by Degeer.—1851: Fil. 1851: Gord.
- nouveli* Foster, 1914, 45, for *nouveli* 1914 (*Tropidocerca*).

- novæli* Seur., 1914, 778, t. h. *Himantopus himantopus*; Alger.—1914: *Tropidocerca*.
 1914: *Tetrameres*. 1915: *Tetrameres* (*Tetrameres*).
novæli Seur., 1915, 157, t. h. *Accipiter nisus*, *Aquila chrysaetos*; Bou-Saâda.—1915: *Physalopt. alata*.
novæli Seur., 1915, 160, t. h. *Genetta afra bonapartei*; Alger.—1915: *Habronema*.
novacula Rud., 1819a, 58, t. h. *Labrus novacula*; Nap.—1819: *Asc*.
novæ-zelandiæ Cobb, 1904, 366, in fresh water; Lakes Taupo, Waikaremoana, New Zealand.—1904: *Mermis*.
novæ-zelandiæ Cobb, 1904, 367, free; Lake Taupo, New Zealand.—1904: *Dorylaimus*.
novellæ Par., 1890d, 396, t. h. *Artibeus perspicillatus*; Porto Rico.—1890: *Echinor*.
nuda Leidy, 1856b, 51, t. h. *Crotalus adamanteus*; by Schafhirt.—1856: *Asc*.
nuda Mol., 1860b, 919, t. h. *Falco cyaneus*, etc.; Brazil.—1860: *Spiropt*.
nuda Rodenwaldt, 1914, 211, t. h. *Homo*; from Bessari.—1914: *Microfil*.
nudicapitata Bast., 1865c, 168, tidepools; Falmouth.—1865: *Chromadora*.
nudicapitatus Steiner, 1914, 424; Bern, Switz.—1914: *Diplogaster*.
numida Geddes, 1911a, 107, t. h. *Guinea-fowl*.—1911: *Microfil*.
numida Leiper, 1908, 193, t. h. *Numida ptilorhyncha*; White Nile.—1908: *Het*. 1914: *Ascaridia*.
numidica Seur., 1914, 344, t. h. *Felis ocreata*; Setif.—1914: *Protospirura*, *tod*.
numidica Seur., 1915, 122, t. h. *Vulpes vulpes atlantica*; Blida.—1915: *Allodapa*.
numidica Seur., 1917, 354, t. h. *Lepus pallidior*, *L. kabylicus*; Algeria.—1917: *Fil*.
numidica Seur., 1917, 217, t. h. *Dipodillus campestris*; Bou-Saâda.—1917: *Physalopt*.
numidicum Seur., 1917, 94, t. h. *Rana ridibunda*; Algeria.—1917: *Porrocaecum*.
numidicus Seur., 1917, 23, t. h. *Vulpes zerda*; S. Tunis.—1917: *Streptopharagus*.
nuptæ Schrank, 1788a, 3, t. h. *Bachweideneule*; Gœze, 1782a.—1788: *Fil*.
nuptæ Latter, 1904a, 319, misprint for *mystax* (*Asc*).
nyctæ Marval, 1904, 573, for *nyctææ* (*Echinor*).
nyctæ Schrank, 1788a, 22, t. h. *Strix stridula*; Gœze, 1782a.—1788: *Echinor*.
nycteribia Kolenati, 1857e, 67.—1857: *Mermis*.
nyctinomi Linst., 1901b, 412, t. h. *Nyctinomus martiensseni*; Langenburg, Nyassa-See, Africa.—1901: *Spiropt*.
nyellyi Moniez, 1896a, 345, for *niellyi* (*Rhabditis*).
obconica Baird, 1860, 447, t. h. *Uranops angulatus*; Brazil.—1860: *Asc*.
obesa Dies., 1851a, 141, t. h. *Hydrochærus capybara*; Brazil.—1851: *Oxyuris*.
obesa Seur., 1915, 11, t. h. *Caccabis petrosa spatzi*; Oued N'za.—1915: *Hartertia*, *tsd*.
obesus Cam., 1895a, 4; Holland.—1895: *Gord*.
obesus Linst., 1902a, 229, t. h. *Oriolus* sp.; S. America.—1902: *Echinor*.
obligacanthus Shipley, 1903l, 149, misprint for *oligacanthus* (*Echinor*).
obliquus Cobb, 1917n, 438, in soil; Germany.—1917: *Mononchus* (*Mylonchulus*).
obliquus Duj., 1845a, 515, t. h. *Certhia* fam.; Rennes.—1845: *Echinor*.
obovatus Olss., 1893a, 37, t. h. *Mergus serrator*; Bergen.—1893: *Echinor*.
obovatus Rud., 1810a, 290, see *ovatus* (*Echinor*).
obtunsa Leidy, 1886e, 308, t. h. *Junco hyemalis*, etc.; Penn., Fla.—1886: *Fil*.
obtunsa Linst., 1889a, 33 for *obtunsa* (*Fil*).
obturans Prenant, 1886a, 215, t. h. *brochet*; Nancy.—1886: *Fil*.
obtusa Cobb, 1893a, 811 (34), in soil; Australia.—1893: *Brachynema*, *mt*.
obtusa Ehrenb. in Hemp. & Ehrenb., 1828a, (*Hyrax*) unpagéd, t. h. *Hyrax capensis*; by H. & E.—1828: *Oxyuris flagellum*.
obtusa Froel., 1791a, 88, t. h. *Mus musculus*; Europe.—1791: *Asc*.
obtusa Fuchs, 1915, 141, t. h. *Ips tyographus*.—1915: *Rhabditis*.
obtusa Par., 1899a, 15, cf. *ecaudata* Oerley.—1899: *Fil*.
obtusa Rud., 1802a, 3, t. h. *Hirundo rustica*; Greifsw.—1802: *Fil*. 1815: *Gord*. (*Fil*.) [1909: *F*. (*Diplotriana*).]
obtusa Rud., 1819a, 27, t. h. *Mus musculus*; Greifsw.—1819: *Spiropt*.
obtusa Villot, 1875a, 463, free; Roscoff.—1875: *Anticoma*.
obtusicaudatum Dies., 1861a, 710, for *obtusicaudata* 1819, in *aves brasilienses*.—1861: *Monopetalonema*.
obtusicaudata Bast., 1865c, 173, for *obtusicaudata* Kœll., 1845.—1865: *Lineola*. 1865: *Phanoglene*.
obtusicaudata Krøyer, 1843-45a, 644, for *obtusicaudata* (*Asc*).
obtusicaudatus Bast., 1865c, 106, in woods; Falmouth.—1865: *Dorylaimus*.
obtusicaudatus Daday, 1899, 563.—1899: *Mononchus*. 1916: *M*. (*Mylonchulus*).
obtusicaudatus Daday, 1899, 569.—1899: *Plectus*.
obtusicaudatus Eberth, 1863a, 36, marine; Nizza.—1863: *Enoplus*.
obtusicaudatus Man, 1907, 74.—1907: *Linhomœus* (*Linhomœus*).
obtusiusculum Rud., 1819a, 13, t. h. *Ardea grus*; M. V.—1819: *Trichosoma*. 1915: *Cap*. (*Cap*).

- obtusissima* Mol., 1860d, 654, t. h. *Bothrops jararaca*, etc.: Brazil.—1860. *Physalopt.*
obtusocaudata Kœll., 1845b, 88, marine; Messina.—1845: *Lineola*. [1865: *Phanoglene*.]
obtusocaudata Rud., 1819a, 634, t. h. *Picus lineatus*: Brazil.—1819: Fil. [1861: *Monopetalonema*.]
obtusocaudata Schneid., 1866a, 101, t. h. *Falco subbuteo*: probably Berl.—1866: Fil. [1897: *Fil. schneideri*.]
obtusocaudata Zed., 1800a, 23, t. h. *Salmo trutta*: by Zed.—1800: Fus. 1809: Asc.
obtusum Rud., 1819a, 13, t. h. *Strix aluco*, etc.; Europe.—1819: *Trichosoma*.
obtusus Bast., 1865c, 128, at rootlets of oats; Broadmoor, Berks.—1865: *Tylenchus*.
obtusus Cobb, 1893b, 291(42), about roots of banana plants: Fiji.—1893: *Dorylaimus*.
obtusus Cobb, 1894c, 419, in marine sand; Bay of Nap.—1892: *Solenolaimus*, mt.
obtusus Cobb, 1913, 441.—1913: *Trichodorus*, mt.
obtusus Cobb, 1913, 442, about roots of grass, borders of irrigation ditch; Jamaica. W. Indies.—1913: *Oionchus*, mt.
obtusus Cobb, 1916, 199, in sand filter beds; Wash., D. C.—1916: *Cylindrolaimus*.
obtusus Cobb, 1917n, 450; in River Main, Germany.—1917: *Mononchus* (*Mononchus*).
obtusus Duj., 1845a, 105, t. h. *Scyllium catalus*; Cette, Med.—1845: *Proleptus*.
obtusus Duj., 1845a, 107, t. h. *Caprimulgus europæus*: Mus. Paris.—1845: *Eucamptus*, mt.
obvelata Crep., 1825a, 10, t. h. *Larus maximus*, etc.—1825: *Spiropt*. 1877: Fil. 1909: *Disph*.
obvelata Rud., 1802a, 18, t. h. *Mus musculus*: by Rud.—1802: Asc. 1803: Fus. 1845: *Oxyuris*. 1916: *Syphacia*, tod.
occidentalis Montg., 1898a, 50; San Francisco & Arizona.—1898: *Chord*.
occidentalis Rans., 1907k, 3, t. h. *Ovis aries*: Montana.—1907: *Ostertagia*.
[*occupantibus* Lucius, 1594, [nv.]; Celsus, 1567a, 1 [nv.].—1754: *Lumbricus alvum*.]
ocellata Bütsch, 1874b, 265; Kieler Bucht.—1874: *Monohystera*. 1875: *Monohystera*.
ocellata Carter, 1859b, 43, in clots of *Oscillatoria* in salt water drain: Isl. of Bombay.—1859: *Urolabes*. 1863: *Phanoglene*. 1865: *Chromadora*.
ocellatus Bast., 1865c, 163, tide-pools: Falmouth.—1865: *Cyatholaimus*, tsd.
ochmanni Fülleborn, 1909, 160, t. h. *Canis* fam.: Deutsch-Ost-Africa.—1909: Fil. 1911: *Microfil*.
ochracea Linst., 1894b, 339, t. h. *Thymallus vulg.*; Ing.—1894: Fil. 1909: *Spiropt*.
ochreateus Nev.-Lem., 1912, 1224, for *ocreatus* (*Synthetocaulus*).
ocreata Gœze, 1782a, 182, t. h. *Maulwurf*.—1782: *Fasciola*. 1788: *Cucullanus*. 1809: *Monost*.
ocreatus Rail. & Henry, 1907a, 753, in mouton; Algeria.—1907: *Synthetocaulus*.
octangulore Cobb, 1914, 74; Dismal Swamp, Va.—1914: *Iota*. 1917: *Hoplolaimus*.
octiespapillata Linst., 1876a, 11, in sand; Ratzeburgersee.—1876: *Trilobus*.
octocornutus Mol., 1860e, 344, t. h. *Psittacus macao*: Brazil.—1860: *Elaphoc*, mt.
octodactyla Linst., 1906, 750, t. h. *Canis* fam.: Landau bei Niederhochstadt (Pfalz).—1906: *Cloacina*.
oculata Linst., 1878a, 347.—1878: *Monhystera*.
oculata Linst., 1899b, 6, t. h. *Python reticulatus*: Berl. Mus.—1899: Asc.
oculata Mar., 1870a, 35, free; Pharo.—1870: *Acanthopharynx*.
oculatus Oersted, 1844, 80.—1844: *Anguillula*. 1861: *Enoplus*.
oculi Chiralt, 1880a, 2, cf. *lentis*, t. h. *Homo*.—1880: Fil.
oculi Gerv. & Ben., 1859b, 142, (see loa), in *Homo*; Africa: see Guyon.—1859: Fil. 1861: *Dracunculus*. 1905: *Draconculus*.
oculi Haselbach, 1884a, 63, t. h. sheep.—1884: Fil.
oculi Clarkson, 1845a, 73, t. h. horse.—1845: Fil.
oculi "C. W. W., 1891," *Am. Vet. Rev.*, 290, t. h. parrot.—1891: Fil.
oculi Owles, 1860a, 56, t. h. *Equus* cab.; Bengal.—1860: Fil. *papillosa*.
oculi Sieb., 1839, 158, [in eye of *Homo*]; based on Ammon: [cf. *oculi humani*].—1839: Fil. 1907: *Agamofil*.
oculi asini Cond.-Franc., 1892e, 173, t. h. *Equus asinus*: by Rivolta. 1892: Fil.
oculi canini Gescheidt, 1833a, [440-441.] 445, t. h. *Canis* fam.: by Gescheidt.—1833: Fil.
oculi equi Nitsch of Nordm., 1832a, 12, t. h. *Equus* cab.; Halle.—1832: Fil.
oculi equini Willach, 1892a, 361, t. h. *Equus* cab.; Germany.—1892: *Rhabditis*.
oculi hominis Vaull., 1901a, 129, for *oculi humani* (Fil.).
oculi humani Nordm., 1832a, 7, t. h. *Homo*: by Grafe [Berl.], Germany. 1832: Fil. 1916: *Agamofil*.
oculi ovis Fiebiger, 1912, 232, t. h. *Ovis aries*—1912: Fil.
oculi ranæ Nordm., 1832a, 17, t. h. *Rana escul.*; by Nordm.—1832: Asc. [1833: Fil.] 1909: *Agamonema*.

- oculi ranæ* Nordm., 1833b, 268, t. h. reptiles.—1833: Fil.
oculis Chiralt, 1880a, 2, misprint for *oculi* (Fil.).
œdienemi Rud., 1819a, 78, t. h. Charadrius *œdienemus*; C. E. V.—1819: Echinor.
œdienemi Westrumb, 1821a, 26, for *œdienemi* (Echinor.).
œdienemoris Dies., 1851a, 31, for *œdienemi* (Echinor.).
œdypoda-cœrulescens Dies., 1851a, 97, t. h. Oedipoda *cœrulescens*; by Heeger & by Seiler.—1851: Fil. 1851: Gord.
œdypoda-biquttula Dies., 1851a, 97, t. h. Oedypoda *biquttula*; Austria.—1851: Gord.
œdypoda-migratoria Dies., 1851a, 96, t. h. Oedypoda *migratoria*; Berl.—1851: Gord.
œdypoda-parallela Dies., 1851a, 97, t. h. Oedypoda *parallela*; M. C. V.—1851: Gord.
örleyi Man, 1881a, 139.—1881: Chromadora.
asophaga-bovis Müell., 1869b, 203, t. h. Bos *taurus*; Wien.—1869: Spiropt. scutata.
asophaga Polonio, 1859a, 1 [inv.]; Par., 1894a, 243, t. h. *Tropidonotus viperinus*; Padua.—1859: Fil.
asophaga Skrj., 1909, 815, see scutata.—1909: Spiropt. scutata.
asophaga-bovis Müell., 1869a, 127, —1869: Spiropt. scutata. 1894: Fil. scutata. 1896: Fil. skutata.
asophagus Rud., 1819a, 36, t. h. *Vulpes*; Mus. Wien.—1819: Str. *vulpis*.
asophagi-bovis Fiebiger, 1912, 324, see scutata *asophagi-bovis* (Spiropt.).
okularia Lingard, 1906, 283, in horse and cattle, for *oculi* (Fil.).
okularis Lingard, 1906, 275 in horse and cattle; India; for *okularia* (Fil.).
okuli-humani Schneidem., 1896a, 307, for *oculi-humani* (Fil.).
olæz Cobb, 1906, 178; Hilo, H. I.—1906: Tylenchus.
olesistus Bos, 1893, [inv.]; 1901, 180.—1893: Aphelenchus.
olesistus-longicollis Schwartz, 1911, 35, in Veilchengallie; Greitz.—1911: Aphelenchus.
oligacanthoides Rud., 1819a, 64, t. h. Coluber *olivaceus*; Brazil.—1819: Echinor.
oligacanthus Rud., 1819a, 64, t. h. Coluber *quadrilineatus*; Florentiæ.—1819: Echinor.
oligotoca Sieb. in Carus, 1857a, pl. 8, hng.; lng.—1857: Asc.
olor Müell., 1786a, 75.—1786: Vibrio. [1838: Lacrymaria.]
omra Lane, 1914, 394, t. h. *Elephas indicus*; India.—1914: Amira, tod.
onchophorus Nev.-Lem., 1912, 717, for *oncophorus* (Str.).
onicola von Ihering, 1902a, 45, t. h. *Felis onca*; Bahurô, S. Paulo.—1902: Echinor.
onophorus Rail., 1893b, 173, t. h. bœuf.—1898: Str. 1907: Cooperia.
opaca Barker & Noyes in Barker, 1915, 195, t. h. *Fiber zibethicus*; Neb.—1915: Trichuris.
opœtura Leidy, 1891a, 411, t. h. *Cyclura baeolopha*; New Providence Isl.—1891: Atractis (Asc.).
ophicephalum Clap., 1863a, 58, free, in Seewassertuempfel; St. Vaast.—1863: Chætosoma, mt.
ophidii-barbati Rud., 1819a, 57, t. h. *Ophidium barbatum*; Nap.—1819: Asc.
ophidii-imberbis Rud., 1819a, 57, t. h. *Ophidium imberbe*; Nap.—1819: Asc.
ophisauris Froriep, MS., in Rud., 1809a, 98, t. h. *Lacerta apus*.—1809: Trichoc.
ophthalmica Linst., 1903k, 111, t. h. *Turnix taigor*; Siam.—1903: Cheilospirura. 1904: Oxyspirura.
ophthalmica Linst., 1898c, 285, t. h. *Carpophaga breichleyi*; Ralum.—1898: Ancyra-canthus. 1904: Ceratospira.
ophthalmophaga Stoss., 1902d(e), 73(3), t. h. *Falco* sp.; Abyssinia.—1902: Aprocta.
ophthalmophage Skrj., 1917, 305 for *ophthalmophaga* (Aprocta).
opisthogonima Linst., 1908, 25, t. h. *Testudo smithi*; Africa.—1908: Oxyuris.
opobensis A. D., & E., 1901b, 39, t. h. *Hyphantornis* sp., *H. aurantus*; Nigeria.—1901: Fil.
orbitalis Linst., 1901c, 188, t. h. *Falco fuscoater*; Breslau Coll.—1901: Aprocta.
orca Linst., 1906, 166, t. h. *Manis pentadactyla*; Horane.—1906: Spiropt.
orestia Nev.-Lem., 1905d, 31, t. h. *Orestias tschudii*; Lac Titicaca.—1905: Echinor.
orestia Moniez, 1889p (q), 361 (1), t. h. *Orestias mülleri*; Lake Titicaca, Peru and Bolivia.—1889: Hedruris.
oricola Linst., 1901e, 279, t. h. *Grystes salmonoides*; New York.—1901: Echinor.
orientalis Dolley, 1894a, 996, t. h. *Periplaneta orientalis*.—1894: Gordius.
orientalis Jimbo, 1914, 459, t. h. *Homo*; Japan.—1914: Trichostr.
orientalis Sarcani, 1888a, 222, t. h. *Homo*; Vartina, Roumania.—1888: Fil. *romæorum*.
orioli M. C. V. in Mol., 1858c, 393, t. h. *Cassius ater*, etc.; Caicara.—1858: Fil. [1858: Fil. *cassici-atr* (abdominalis). Fil. *pyrrhopteri* (abdominalis).]
orioli M. C. V. in Mol., 1860b, 957.—1860: Spiropt. [1860: S. *cephalopt.*]
orioli Rud., 1819a, 77, t. h. *Oriolus galbula*; C. E. V.—1819: Echinor.
orioli Westrumb, 1821a, 40 [nec Rud.,] for *orioli-cristati* (Echinor.).
orioli-cristati Rud., 1819a, 673, t. h. *Oriolus cristatus*; Brazil.—1819: Echinor.
oris Leidy, 1850f, 117, t. h. *Homo*; U. S. A.—1850: Fil. *hominis*. 1913: Fil. *sanguinis hominis*. 1916: *Agamomermis hominis*. 1916: *Mermis hominis*. 1916: *Agamomermis*. 1916: *Mermis*.

- orispinus* Mol., 1858 (1859c), 300, t. h. *Ibis falcinellus*: Padua.—1858: *Hystrichis*.
orispinus Mol., 1861a, 522 (98), includes *nodularis*, etc.: t. h. *Anas anser dom.*, etc.;
M. C. V.—1861: Str.
ornatus Olfers, 1816a, 58, misprint for *armatus* (Str.).
ormerodis Bos, 1891, 1, in strawberries: Kent, Eng.—1891: *Aphelenchus*.
ornata Bast., 1865c, 130, between sheaths of leaves, stalks of wheat; Broadmoor,
Berk.—1865: *Rhabditis*.
ornata Duj., 1845a, 144, t. h. *Rana escul.*, R. temp.—1845: *Oxyuris*. 1861: *Cosmo-*
cerca, type. 1866: *Nematoxys*, tsd. [1916: *Cosmocerca ornata* of Dies., 1861,
not of Duj., 1845, taken as type.]
ornata Linst., 1897i, 29 t. h. *Stellio vulg.*: Coll. Koenigsb.—1897: Het. 1914: Het.
(Strongyluris).
ornata Mehl. in Cr.p., 1846a, 132, t. h. *Corvus glandarius*: by Mehl.—1846: *Spiropt.*
ornatum Duj., 1843a, 347, de la Farlouse (*Anthus pratensis*).—1843: *Trichosoma*.
1845: *Calodium*. 1915: Cap. (Cap.).
ornatum Schneid., 1866a, 28.—1866: *Oxysoma*.
ornatus Bast., 1865c, 163, tide-pools; Falmouth.—1865: *Cyatholaimus*.
ornatus Büetsch., 1873a, 94, on moss roots; Germany.—1873: *Plectus*.
ornatus Eberth, 1863a, 40, marine: Nizza.—1863: *Enoplus*. 1865: *Symplocost*. 1875:
Euryst.
ornatus Gendre, 1912, 28 (5), t. h. *Corvus scapulatus*: Abomey.—1912: Disph. 1912:
Acuaria (Acuaria).
ornatus Grenacher, 1868a, 323, t. h. *Mantis*: Philippines.—1868: Gord. 1897: Chord.
orthagorisci Rud., 1819a, 56, t. h. *Orthagoriscus mola*: Nap.—1819: Asc. 1898:
Cucullanus.
orthocerca Stess., 1902c (d. e), 67 (7), t. h. *Rhea americana*: Cagliari.—1902: Het.
1914: *Ascaridia*.
osculata Rud., 1802a, 14, t. h. *Phoca vitulina*: by Rud.—1802: Asc. 1803: Fus.
1809: Asc. [1914: *Kathleena*, tod.] 1915: *Kathleena*, tod.
osleri Colbold, 1879b, 304, t. h. *Canis fam.*: by Osler.—1879: Fil. 1915: *Pseudalius*.
osmeri Linst., 1878b, 240, t. h. *Osmerus eperlanus*: Ing.—1878: Asc.
os-papillatum Piana in Piana & Stazzi, 1900a, 511, t. h. *Elephas indicus*: at Milan,
from India.—1900: Unc. [1909: *Bathmost. sangeri*.]
ostertagi Stiles, 1892, 147, convolutus 1890 renamed, t. h. *Bos taurus*: Germany.—
1892: Str. 1903: *Hæmonchus*. 1907: *Ostertagia*, tod.
ostinops Daniels, 1902, 334, t. h. *Ostinops decumanus*: Brit. Guiana.—1902: Fil.
ostroumori Golowin, 1901a [nv.]: 1901b, 751, t. h. *Acipenser ruthenus*.—1901: Asc.
otidis Marval, 1905a, 213, for *otidis-houbara* (Echinor.).—1914: *Gigantor*. 1914:
Heteroplus, tod.
otidis Schrank, 1788a, 23, t. h. *Lunte Ohraule*, *Asio otus*: Goeze, 1782a, 1788: *Echinor*.
otidis-houbara Dies., 1851a, 56, t. h. *Otis houbara*: Switz., t. h. *Mischer*. 1851:
Echinor. [1914: *Gigantor*.]
otiorhynchi-ragusensis Dies., 1851a, 93, t. h. *Otior. ragusensis*: Dalmatia, by Heeger.—
1851: Fil. 1851: Gord.
otolien Ben., 1890a, 389, t. h. *Otolienus peli*: Guinée: Rail. & Henry, 1914, 680: in
Galago demidoffi, G. galago.—1890: Str. 1914: *Subulura*.
otophorus Man, 1880a, 55, in sand; Holland.—1880: *Plectus*.
ovale Lee, 1840a, 283, cf. *ovata*, s. Gord. *piscium*.—1840: Fil.
ovalis Linst., 1907, 252, t. h. *Podiceps cristatus*: Ing.—1907: Asc.
ovata Linst., 1907, 252, t. h. *Astur melanoleucus*: Kamerun.—1907: *Physalopt.*
ovata Zed., 1803a, 36, t. h. *Cyprinus gobio*.—1803: Fil. 1815: Gord. [Fil.] 1851:
Agamonema. 1889: *Ichthyonema*.
ovatus Linst., in Smidt, 1900a, 646, t. h. *Hyllobates syndactylus*, H. agilis: Palembang,
Sumatra.—1906: Str. 1912: *Oesophagost.*
ovatus Linst., 1910, 133, t. h. *Delphinus tursio*: Porto Irajó, Elba.—1910: *Pseudalius*.
ovatus Leidy, 1850b, 97, t. h. *Felis leopardus*: by Leidy.—1850: *Echinor*.
ovatus Zed., 1800a, 118, t. h. *Cyprinus*, etc.: by Zed.—1800: *Echinor*.
oviflagellus Fourm., 1883c, 578, t. h. *Merlangus vulg.*: by Fourm.—1883: *Spinitectus*,
mt. [1900: *Liorynchus*.]
ovinus Gmel., 1790a, 3044 and Fabr., 1794, 5, t. h. *Ovis aries*: Praest, Hobroe, Tyl-
land.—1788: Str. 1893: *Sclerost*. 1909: *Chabertia*, tod.
ovis Abldg., 1795, [nv.]: Rail., 1893a, 481.—1795: *Trichoc*. 1911: *Trichuris*.
ovis Brown, 1897, 21, apparently for *ovis pulmonalis*, in sheep.—1907: *Pseudalius*.
ovis Carita, 1887a, 60 [nv.]: Rail., 1893a, 450; t. h. *Ovis aries*.—1887 or 1893 *Oeso-*
phagost. inflatum.
ovis Daniels, 1914, 273, misprint for *oris*.—1914: Fil. *hominis*.
ovis Fiebiger, 1912, 232, t. h. *Ovis aries*.—1912: Fil. *oculi*.
ovis Perronc., 1886f, 86, t. h. *Ovis aries*: Italy.—1886: *Rhabdonema*.

- ovis* Rud., 1810a, 265.—1810: Vermis (dubius).—1819: Dubium. 1851: Nematoideum.
ovis Rud., 1819a, 54, t. h., *Ovis dom.*; C. E. V.—1819: Asc. 1896: Askaris.
ovis Simmonds, 1881-1882, [nv.]; Williams, 1885a, 44; in *Ovis aries*.—1881-1882: Abomesi. 1885: Abomesi. [1885: Str. contortus.]
ovis (pulmonale) Dies., 1851a, 333, t. h. *Capra aries*; by Sandie & Padley.—1851: Nematoideum. 1883: Pseudalius. 1886: Pseudulius. 1890: Str. (Pseudalius). [1916: Synthetocaulus rufescens.]
ovis pulmonaris Gilruth, 1903c, 313, for *ovis pulmonalis* (Str.).
ovocinctus Rans., 1911a, 15, t. h. *Antilocapra americana*; U. S. A.—1911: Strongyloides.
ovocostata Linst., 1886a, 121 [nv.], t. h. *Cetonia aurata*.—1886: Oxyuris.
ovocristatus Linst., 1897f, 34, t. h. *Centetes ecaudatus*; Madagascar.—1897: Echinor.
ovopunctatum Linst., 1873g, 296, t. h. *Sturnus vulg.*; by Linst.—1873: Trichosoma. 1915: Cap. (Cap.).
oxyuris Büetsch., 1873a, 18 misprint for *oxyuris* (Cephalobus).
oxophila Schneid., 1866a, 151, 160, aceti and glutinis renamed.—1866: Leptodera. 1866: Pelodera. 1880: Anguillula. 1890: Rhabditis. 1890: Anguillula.
oxycaudatum Greef, 1869a, 115.—1869: Trichoderma, mt.
oxycephala Büetsch., 1874b, 283; Kieler Bucht.—1874: Spilophora.
oxycephalus Man, 1880a, 31, in sand; Holland.—1880: Aulolaimus, mt.
oxycephalus Man, 1885a, 15.—1885: Dorylaimus.
oxycephalus Ward & Magath, 1917, 59, t. h. white bass, black crappie; Fairport, Iowa.—1917: Camallanus.
oxycerca Man, 1888a, 10.—1888: Monhystera. [1889: M. (Penzancia).] 1907: M. (P.).
oxycerca Man, 1895, 85, in *Calanthe*; by Bos.—1895: Rhabditis.
oxyphila Lindner, 1890a, 26, for *oxophila* (Rhabditis).
oxyura Nitzsch, 1821a, 48, t. h. *Mus musculus*; Ing.—1821: Asc.
oxyuris Bond, 1874a, 818, for *vermicularis* (Asc.).
oxyuris Büetsch., 1873a, 81, in roots; Germany.—1873: Cephalobus.
oxyuris Claus, 1862b, 355, free in humus; by Claus.—1862: Anguillula. 1873: Rhabditis.
oxyuris Ditlevsen, 1912, 230; Hellerup Strandeng.—1912: Oncholaimus.
oxyuroides Man, 1876a(b), 140(63); Leiden.—1876: Cephalobus.
oxyurus Pall, 1774, 16.—1774: Lumbricus.
ozouri Rail. & Henry, in Ozoux & Henry, 1909, 544, t. h. *Faudias madagascariensis*; Noissi-Bé.—1909: Fil. (Diplotriæna, tod.).
ozzardi Mans., 1897d, 1837, t. h. *Homo*; Brit. Guiana.—1897: Fil. 1907: Microfil.
ozzardi truncata Mans., 1907, [nv.]; Braun, 1908a, 303; t. h. *Homo*.—1907: Fil. [1908: F. perstans.]
ozzardi Daniels, 1902, 358, for *ozzardi* (Fil.).
pacheia Drasche, 1882 (1883a), 140, t. h. *Sarcorhamphus papa*; Brazil.—1882: Asc.
pachicephalus Mol., 1861a(b), 610(186), t. h. *Cygnus olor*; Padua.—1861: Hystrichis.
pachyacanthos Sons., 1889c, 231, for *pachyacanthus* (Echinor.).
pachyacanthus Sons., 1889c, 228, t. h. *Canis aureus*, *Magalotis cerdo*; Egypt.—1889: Echinor.
pachycephalum Mol., 1861a(b), 450(26), t. h. *Cercopithecus nictitans*, C. sabæus; S. America.—1861: Oesophagost.
pachycephalus Neum. 1892d, 377, for *pachic*. 1861 (Hystrichis).
pachyderma Crep., 1851b, 280, t. h. *Falco aesalon*; Greifsw.—1851: Spiropt.
pachyderma Linst., 1877b, 177, t. h. *Podiceps minor*; Hagenau.—1877: Trichosoma. 1915: Cap. (Thominx).
pachyderma Linst., 1906, 248, t. h. *Schistocerca paranensis*; Buenos Aires, Argentine.—1906: Mermis [Agamomermis].
pachyderma Stoss., 1902c(d; e), 5(65; 5), larva, t. h. *Lamna cornubica*; Genova, Nap.—1902: Asc.
pachydermatica Stoss., 1902e, 9, t. h. *Hyrax*; Eritrea.—1902: Unc.
pachydermatius Cobb, 1913, 441, roots of cherry trees; Japan.—1913: Nygolaimus, mt, tod.
pachydermis Daday, 1908, 21; Kilima-Ndjarö.—1908: Dorylaimus.
pachydermus Oerley, 1881a, 331; New Zealand.—1881: Gord.
pachyiuli Par., 1898a(b), 115(14), for *pachyjuli* (Oxyuris).
pachyjuli Par., 1896b(c), (109), t. h. *Julus communis*, J. sp.; Palermo, Genova.—1896: Oxyuris.
pachykeramotum Wedl, 1856b, 127, t. h. Jagdleopard; Wedl.—1856: Trichosoma. 1915: Cap. (Cap.).
pachyscelis Rail. & Henry, 1910, 314, t. h. mouton, bœuf; India, etc.—1910: Gai-geria, tod.
pachysoma Linst., 1876a, 8, t. h. moss; Stade.—1876: Dorylaimus.
pachysoma Linst., 1899b, 6, t. h. *Diapoce macrolepis*; Massaua.—1899: Asc.

- pachysoma* Linst., 1905t, 358, t. h. *Vespa germanica*; from Shipley.—1905: Mermis.
pachysomus Crep., 1839a, 284, t. h. Lachs; by Crep.—1839: Echinor.
pachystomus Linst., 1873g, 296, t. h. *Blicopsis rutiloides*; by Linst.—1873: Cucullanus.
pacificus Cobb, 1906, 164, about roots of diseased cane; Hawaii.—1906: Dorylaimus.
paganelli Mol., 1859h, 32, t. h. *Gobius paganellus*; Padua.—1859: Nematodeum.
 1861: Agamonematodum. 1894: Agamonema.
palæformis Rud., 1819a, 16, t. h. *Simia sphinx*, etc.; Berl., etc.—1819: Trichoc.
palamedæ-cornuta M. C. V. in Mol., 1860e, 350, renamed *Str. anulatus*.—1860: Spiropt.
paliformis Crep., 1845, 326, for *palæformis* (Trichoc.).
pallaryi Seur., 1917, 45, t. h. *Agama bibroni*; Mogador, Bou-Saâda.—1917: Physalopt.
pallaryi Seur., 1915, 28, t. h. *Xerus getulus*; Maroc.—1915: Oxyuris. 1916: Syphacia.
pallasi Stross., 1899d, 89, for *pallasii* (Str.).
pallasii Ben., 1870a, 366, t. h. *Beluga leucas*; by Pall.—1870: Str.
pallasii Linst., 1903u (1904a), 271, t. h. *Acipenser stellatus*; Kaspisches Meer. 1903: Asc.
pallidus Linst., 1906, 244, hng; Kronstadt Siebenbuerger.—1906: Gord.
pallidus Linst., 1906, 557, renamed *semilunaris* in fresh water; Korea.—1906: Gord.
palpalis Nev.-Lem., 1912, 811, for *palpebralis* Wilson (Fil.).
palpebralis Mol., 1858c, 423, t. h. *Turdus olivaceus*; Matogrosso.—1858: Fil. *turdi-olivascens*.
palpebralis Mol., 1858c, 427, t. h. *Tinamus variegatus*; Brazil.—1858: Fil. *tinami-variegati*.
palpebralis Pace, 1866a, 152, t. h. *Homo*; Italy.—1866: Fil. 1910: Agamofil.
palpebralis Wilson, 1844 [nv.], in *Equus cab.*—1844: Fil.
palpebrarum Bail., 1858e, 703; 1858, 386; t. h. *Bos taurus*.—1858: Fil.
palpebrarum Linst., 1901c, 189, t. h. *Cebus capucinus*; Breslauer Sammlung. 1901: Cheilospirura.
paludicola Linst., 1883a, 300; apparently Turkestan.—1883: Mermis.
paludicola Man, 1881a, 138.—1881: Monhystera.
paludina Ehrenb. in Hempr. & Ehrenb., 1828a, v. 1, t. h. *Paludina vivipara*.—1828: Phacelura. mt.
palustris Carter, 1858a, 414 [aquatic, in putrescency; Isl. of Bombay].—1858: Urolabes mt. 1865: Dorylaimus.
palustris Cobb, 1917n, 438, in white cedar swamp; Wisconsin.—1917: Mononchus (Mononchus).
palustris Daday, 1908, 17, in fresh water; Bura-Sumpf.—1908: Cephalobus.
palustris Linst., 1883a, 299, in water; Turkestan.—1883: Gord.
palustris Man, 1880a, 47, in fresh water; Holland.—1880: Teratoc.
palustris Man, 1880a, 51.—1880: Plectus.
palustris Plancus, 1760, 111 [nv.].—1760: Seta. [1874: Gord.]
palustris crassicauda Daday, 1896, 414.—1896: Teratoc.
panesthia Galeb., 1878b, 295 (13), t. h. *Panesthia*; New Guinea. 1878: Oxyuris.
panesthiæ Linst., 1889a, 106, for *panesthiæ* (Oxyuris).
papilionis Dies., 1851a, 102, t. h. *Papilio* sp.; Mus. Breslau.—1851: Fil. 1851: Gord.
papillosa Scherer, 1813a, 174, for *papillosa* (Fil.).
papillata Bast., 1865c, 170, marine surface mud; Falmouth.—1865: Chromadora.
papillata Büetsch., 1873a, 52, Schlamm; des Mains, etc.—1873: Tripyla.
papillata Mol., 1859h, 25, t. h. *Leuciscus cavedanus*; Padua.—1859: Spiropt.
papillatum Linst., 1903u (1904a), 276 (12), free; Behring Isl.—1903: Leptosomatium.
papillatus Bast., 1865c, 101, between leaves of *Festuca elatior*; Broadmoor, Berks.—1865: Mononchus. 1916: M. (Mononchus).
papillatus Bast., 1865c, 108, on *Festuca elatior*; Broadmoor, Berks.—1865: Dorylaimus.
papillatus Cobb, 1898a (b), 320 (25).—1898: Streptogaster. mt.
papillatus Daday, 1899, 558.—1899: Aphanolaimus.
papillatus Linst., 1882a, 3, t. h. *Otis tarda*; Hameln.—1882: Str.
papillatus Man., 1880a, 4, free; Walcheren Isl.—1880: Deontolaimus. mt.
papillicauda Mol., 1858c, 380, t. h. *Canis brachyuris*; Rio Araguay.—1858: Fil.
papillifer Linst., 1877a, 7, t. h. *Hirundo urbica*.—1877: Trichosoma. 1915: Cap. (Thominx).
papillifera Linst., 1878b, 234, t. h. *Sylvia palustris*; Ing.—1878: Fil. 1891: Disph. 1912: Acuarina (Acuarina).
papillifera Linst., 1898c, 281, t. h. a snake; Bismark Archipel.—1898: Asc.
papilliferus Mol., 1858 (1859e), 299, t. h. *Acipenser sturio*; Padua.—1858: Cucullanus. 1915: Camallanus.
papilliger Man, 1876a (b), 169 (92).—1876: Leptolaimus. mt.

- papilligera* Crep., 1846a, 156, t. h. *Scomber scombrus*; by Otto Schill.—1846: Fil.
1851: *Agamonema*. 1887: Asc.
- papilligerum* Rül., & Henry in Blome, 1911, 390, *papillosum* Blome, 1909 renamed.—
1909: *Trichosoma*. 1909: Cap.
- papilloradiata* Linst., 1899b, 14, t. h. *Canis lupus*; Persia.—1899: *Physalopt.*
- papillosa* Bloch, 1782a, 32, t. h. Trappen; by Bloch.—1782: Asc. 1803: Fus. 1885:
Het.
- papillosa* Mol., 1860b, 929 (21), t. h. *Falco destructor*, *F. gracilis*; Brazil.—1860:
Spiropt. 1904: *Oxyspirura*. 1910: *Thelazia*. 1912: *Subulura*.
- papillosa* Mol., 1869e, 338, t. h. *Corvus cajanus*; Brazil.—1860: Asc. [1883: ? *Heteracis*.]
- papillosa* Rivolta & Del Prato, 1879a, 117, t. h. *palli*.—1879: *Trichina*.
- papillosa* Rud., 1802a, 2, t. h. *Equus cab.*—1802: Fil. 1815: Gord. (Fil.). 1832:
Filoria.
- papillosa* Schneid., 1866a, 150, in moist soil and decaying substance; Ing.—1866:
Pelodera. 1880: *Rhabditis*.
- papillosa ematica* (Galeb & Pourquièr, 1877) Giuseppi, 1897a, 185, for *papillosa hæmatica*
(Fil.).
- papillosa hæmatica canis-domestici* Gruby & Delafond, 1852b, 9, t. h. *Canis fam.*; Ing.—
1852: Fil.
- papillosa hæmatica* Schneid., 1866a, 87, t. h. *Canis fam.*; Ing.—1866: Fil.
- papillosa hæmatika* Schneidem., 1896a, 307, for *p. hæmatica* (Fil.).
- papillosa oculi* Owles, 1860a, 56, t. h. *Equus cab.*; Bengal.—1860: Fil.
- papilloso-annulata* Mol., 1858c, 399, t. h. *Falco swainsonii*, Caiçara.—1858: Fil.
- papillosum* Blome, 1909, 354, t. h. *Tetrao urogallus*; Breslau.—1909: *Trichosoma*.
- papillosum* Fritsch, 1886a, 99, t. h. *Malapterurus electricus*; Egypt.—1866: *Trichosoma*.
- papillosum* Polonio, 1860b, 23, t. h. *Mus rattus*; Padua.—1860: *Calodium*. 1878:
Trichosoma. 1915: Cap.
- papillosum* Wedl., 1856b, 129, t. h. sheep; by Wedl.—1856: *Trichosoma*. 1911:
Strongyloides.
- papillosus* Eberth, 1863a, 26; Nizza.—1863: *Oncholaimus*.
- papillosus* Muell., 1776, 216.—1776: *Lumbricus*.
- papillosus* Mol., 1859h, 24, t. h. *Larus ridibundus*; Padua.—1859: *Cosmoc.* 1898:
Disph.
- papillosus* Perronc., [nv.]; Golgi & Monti, 1885, 56.—1885: *Strongilus*.
- papillosus* Rud., 1802a, 42, t. h. *Corvus caryocatactes*; by Rud.—1802: Str. 1851:
Eustr. 1861: *Hystrichis*. 1909: *Eustrongylides*.
- papillosus* Van Cleave, 1916, 225, t. h. *Myiochanes virens*, Porzana carolina.—1916:
Medior., tsd.
- papillosus* Zed., 1800a, 92, t. h. *Esox lucius*.—1800: *Cucullanus*.
- papillotrunata* Mol., 1860d, 647, t. h. *Myrmecophaga jubata*, *M. didactyla*; Brazil.—
1860: *Physalopt.*
- papilosa* Evans, 1881b, 6, for *papillosa* (Fil.).
- pappillosus* Jægers., 1909, 10, for *papillosus* 1802 (Str.).
- papuana* Daday, 1899, 560.—1899: *Monhystera*.
- papuana* Daday, 1899, 562.—1899: *Chromadora*.
- papuanus* Daday, 1899, 565.—1899: *Ironus*.
- papuanus* Daday, 1899, 567.—1899: *Prismatolaimus*.
- paradiseæ* Linst., 1888a (b), 11, t. h. *Paradisea apoda*; Aru Isl.—1888: Fil.
- paradoxa* Cobbold, 1864b, 79, t. h. *Sus scrofa dom.*; from Germany.—1864: *Simondsia*,
mt. 1889: *Tropidocerca*.
- paradoxa* Linst., 1903u, 272, host unknown. 1903: *Rictularia*. 1904: *R. Gnathost.*.
- paradoxa* Linst., 1906, 750, t. h. *Didelphys dorsigera*; Ing.—1906: Het.
- paradoxa* Linst., 1908, 22, t. h. *Varanus albigularis*; S. Africa.—1914: *Physalopt.*
- paradoxa* Man, 1888a, 45, marine; Walcheren. 1888: *Spilophora*. 1906: *Spiliphora*.
- paradoxa* Mayer, 1835, in cow.—1835: *Rhytis*, mt.
- paradoxa* Mol., 1858d, 144, t. h. *Mustela putorius*; Padua.—1858: *Oxyuris*.
- paradoxis* Francis, 1894a, 452, misprint for *paradoxus* 1831 (Str.).
- paradoxum* Mar., 1870a, 12, marine; Endoume.—1870: *Calyptronema*, mt.
- paradoxus* Daday, 1905, 363, ? lapsus or new name for *tylenchiiformis* (*Hoplolaimus*).
- paradoxus* Dies., 1835a, 94, t. h. *Cathartes urubu*; Brazil.—1835: *Tropisurus*, mt.
[1835: *Tropidurus*, type.] 1851: *Tropidocerca*, mt. 1914: *Tetrameres*, type.
1915: *Tetrameres* (*Tetrameres*).
- paradoxus* Mehl., 1831a, 84, t. h. *Sus scrofa dom.*—1831: Str. 1861: *Metastr.*, tsd.
- paradoxus* Schlotthauber, 1860a, 128, t. h. *Gadus aeglefinus*, *Sterna hirundo*.—1860:
Helmis nematoides.
- parallela* Linst., 1908, 25, t. h. *Xerus capensis*; Africa.—1908: *Oxyuris*.

- paranecator* Trav. & Horta, 1915, 389, t. h. *Equus asinus*; S. Paulo.—1915: Acheilost.
paranensis Cam., 1892b, 965; Palmeira, Paraná.—1892: Gord.
parasitica Carter, 1859b, 44, t. h. *Nais albida*; Isl. of Bombay.—1859: Urolabes.
parasiticus Dies., 1851a, 95, for *parasitus* (Chord.).
parasiticus Linst., 1907, 258, t. h. *Potamocheerus africanus*; Deutsch. Ost Africa.—1907: Diplogaster.
parasitifera Bast., 1865a, 159, tide pools; Falmouth.—1865: Spira, tsd.
parasitus Crep., 1847b, 161, t. h. *Acanthodis glabrata*; Brazil.—1847: Chord. [1851: Gord.] 1898: Gord.
pardalis Cam., 1893b, 2, t. h. *Aethiomerus adelphus*; Madagascar.—1893: Gord. 1897: Chord.
pardalis Westrumb, 1821a, 39, t. h. *Felis pardalis*; Brazil.—1821: Echinor.
pardi Huxley [nv.]: von Ihering, 1902a, 45; t. h. *Felis* [? *pardus*].—1902: Echinor.
pardi Rud., 1819a, 77, t. h. *Parus major*; C. E. V.—1819: Echinor.
parietinus Bast., 1865c, 118; Broadmoor Berks.—1865: Plectus, tsd.
parietinus Bast., 1865c, 123, in *Parmelia parietina*; Broadmoor, Berks.—1865: Aphelenchus.
parile Kowalewski, 1903b (c), 198, t. h. *Bubo maximus*.—1903: Trichosoma. 1915: Cap. (Thominx).
parisi Blanc, 1913, 1272, t. h. *nandou*; Dijon.—1913: Het.
paronæ Cam., 1903, 2; Kota Bharu.—1903: Gord.
paronæ Cam., 1903, 2; Kota Bharu, Siam.—1903: Chord.
paronai Cond.-Franc., 1898a, 2, t. h. *Gobius avernensis*; Rome.—1898: Echinor.
paronai Stoss., 1897b, 29 (17), t. h. *Buceros nasutus*; Sudan.—1897: Fil. [1909: F. (Diplotriæna).]
paronai Stoss., 1902, 8, t. h. *Amphibolurus muricatus*; Australia.—1902: Str. 1914: Het. (Strongyluris).
paronai Linst., 1893b, 201, t. h. *Macrosclincus coctei*; Cape Verde.—1893: Oxyuris.
paronai Porta, 1908, 8, t. h. *Mus rajah*; Mentawai.—1908: Gnathost.
parva Polonio, 1859a, 1 [nv.]; 1860, 21; in *Bufo viridis*; Padua.—1859: Fil. 1860: Fil.
parvomacronata Rizzo, 1902b, 37, t. h. *Coluber viridiformis*; Catania.—1902: Fil.
parvorum Sweet, 1910, 247, t. h. *Gallus dom.*; Queensland.—1910: Oxyspirura.
parvula Frœl., 1802a, 45, t. h. *Ardea cinerea*; prob. by Frœl.—1802: Asc.
parvulus Reinhard, 1881, 590; Odessa.—1881: Echinoderes.
parvum Villot, 1875a, 462; Roscoff.—1875: Phanoderma.
parvumspinosa Rail. & Henry, 1911, 575, t. h. *Rhea americana*; Paris Mus.—1911: Cap.
parvus Bast., 1865c, 120, in moss; Falmouth.—1865: Plectus.
parvus Bast., 1865c, 156, tide pools; Falmouth.—1865: Tachydolites. 1880: Monhystera.
parvus Cobb, 1893b, 266 (17), in decaying outside sheaths of banana plants; Fiji.—1893: Diplogaster.
parvus Fuhrm. in Wolffh., 1900a, 10, t. h. *Cuculus canorus*, etc.—1900: Echinor.
parvus Man, 1880a, 92, in sand; Holland.—1880: Dorylaimus.
parvus Man, 1880a, 23, in sand.—1880: Mononchus. 1916: M. (Mononchus).
passali Leidy, 1852b, 243, t. h. *Passalus cornutus*; by Leidy.—1852: Nematodeum.
passali-cornuti Leidy, 1852b, 241, t. h. *Passalus cornutus*; by Leidy.—1852: Nematodeum abdominis.
passali-cornuti Leidy, 1852b, 243, t. h. *Passalus cornutus*; by Leidy.—1852: Nematodeum thoracis-cavitatis. [1878: Agamonematodum.]
passali-cornuti Linst., 1878a, 302, in *Passalus cornutus*; Leidy, 1852b, 243.—1878: Agamonematodum.
pastinacæ Rud., 1819a, 56, t. h. *Raja pastinaca*; C. E. V.—1819: Asc.
pastoris Linst., 1883a, 279, t. h. *Pastor roseus*; Turkestan.—1883: Asc.
patagonica Linst., 1880a, 41, t. h. *Phoca jubata*; Patagonia.—1880: Asc.
patagonica Man, 1904b, 41, in Dungballen von *Gryptotherium darwini*; from Patagonia.—1904: Plectus (Plectoides, ? type).
patani Shipley, 1903l, 149, t. h. *Dipsadomorphus dendrophilus*; Patan, Lower Siam.—1903: Echinor.
patens Duj., 1845a, 114, t. h. *Mustela vulg.*, *M. erminea*; Rennes.—1845: Str.
paucihamatus Leidy, 1891a, 413, t. h. *Micropterus nigricans*; Leidy.—1891: Echinor.
paucipara Sieb., 1848a, 140, t. h. *Testudo græca*; Ing.—1848: Asc.
pauli Mar., 1870a, 15, marine; Pharo.—1870: Amphistenus.
pauli Villot, 1875a, 466; Med.—1875: Symplocost.
paxillifer Müell., 1786a, 52, 54.—1786: Vibrio. [1838: Bacillaria paradoxa.]

- pectinata* Rans., 1907k, 3, t. h. *Bos taurus*; Texas.—1907: Cooperia.
pectinatus Dies., 1838a, 189, t. h. *Podocnemys expansa*; Brazil.—1838: Ancyra-can-
 thus, mt.
pectinatus Marotel, 1911, 183, t. h. *Ovis aries*.—1911: Str.
pectinifer Lint., 1901b, 411, t. h. *Sphyrna zygena*; Woods Hole.—1901: Spiropt.
pectinifera Neum., 1900a, 513, t. h. *Gallus dom.*; Lyon, France.—1900: Spiropt,
 [1912: Streptocara.] 1916: Streptocara.
pectinis-jacobæi Linst., 1878a, 322, t. h. *Pecten jacobæus*; Trieste, teste Wedl.—1878:
 Agamonematodum. 1894: Agamonema. 1916: Asc.
pedum Deslgch., 1824e, 97, t. h. *Scomber scombrus*; Ing.—1824: Asc.
pedunculatus Hofmæn., 1913, 625, aquatic; Léman.—1913: Plectus.
pelagica Gunnerus, 1770, 174.—1770: Asc.
pelagica Seur., 1916, 785, t. h. *Larus canus*, *Puffinus kuhli*; Alger.—1916: Acuarina.
pelecani Chatin, 1874a, 6, t. h. *Pelecanus onocrotalus*; Mus. Paris. 1874: Sclerost.
 1916: Gnathost.
pellio Schneid., 1866a, 150, in earthworm and moist soil and decaying substance;
 Europe.—1866: Pelodera. 1873: Rhabditis. 1903: Leptodera.
pellioides Büetsch., 1873a, 111; Germany.—1873: Rhabditis.
pellucida Bast., 1865c, 142, tide pools; Falmouth.—1865: Anticoma.
pellucida Brown, 1823a, 107, t. h. *Equus cab.*; India.—1823: Asc. 1894: Fil.
pellucida Cobb, 1898d, 395, in mud; Port Jackson, Australia.—1898: Oxyst.
pellucida Rud., 1819a, 39, t. h. *Upupa epops*; by Treutler.—1819: Asc.
pellucidum Cobb, 1913, 444, roots of sugar cane; W. Indies.—1913: Trischistoma, mt.
pellucidum Jægers., 1893a, 44, t. h. *Tetrodon stellatus*.—1893: Ichthyonema.
pellucidus see *pellucida* (Asc.).
pellucidus Bast., 1865c, 100, in mud; Falmouth.—1865: Trilobus. [See 1876: Tylen-
 chus.]
pellucidus Cobb, 1893a, 821 (44), on roots of sugar-cane; Australia.—1893: Chaolai-
 mus, mt.
pellucidus Cobb, 1913, 443, in brackish and fresh water; Eastern U. S. A.—1913:
 Haliplectus, mt.
pellucidus Leuck., 1828a, 23 [nv.]; Dies., 1851a, 44, t. h. *Delphinus delphis*.—1828:
 Echinor. [1906: Bolbor.]
pellucidus Reinhard, 1881, 590; Odessa.—1881: Echinoderes.
pellucidus Savelev, 1912, 115, in Schlamme; Kolafjord.—1912: Enoploides.
pellucidus Southern, 1914a, 11; Clew Bay.—1914: Halaphanolaimus, mt.
peloris-blapoidis Dies., 1851a, 91, t. h. *Pelor blapoides*; Mus. Wien.—1851: Fil.
 1851: Gord.
peloris-blapoidis Linst., 1878a, 298, for p.-blapoidis Gord.
peludicola Stefanski, 1916, 364, misprint for paludicola (Monhystera).
penardi Stefanski, 1914, 461, free, in Sphagnum; Lac Lussy.—1914: Bunonema.
penardi Steiner, 1914, 270; Switz.—1914: Aphelenchus.
pendula Leidy, 1851b, 240, t. h. *Emys guttata*; by Leidy.—1851: Synplecta, mt.
 1863: Symplecta.
penetrans Cobb, 1917, 27, in potatoes, cotton, etc.; U. S. A.—1917: Tylenchus.
penicillatus Cam., 1895a, 10; ?Italy.—1895: Chord.
penihamata Mol., 1860b, 938, t. h. *Strix atricap*; Brazil.—1860: Spiropt.
penita Leidy, 1886e, 312, t. h. *Trachemys scab.*; recently U. S. A.—1886: Asc.
peposaca Porta, 1914, 483, t. h. *Melopiana peposaca*; Argentina.—1914: Echinoma.
peracæ Cam., 1894b, 5; S. Pablo, S. A.—1894: Gord. 1897: Chord.
perarmata Linst., 1908, 25, t. h. *Testudo smithi*; Africa.—1908: Oxyuris.
perarmata Linst., 1910, 516, t. h. *Cinixys belliana*; Deutsch-Ostafrika.—1910: Atractis.
perarmata Mar., 1870a, 34, free; Pharo.—1870: Acanthopharynx.
perarmata Ratzel, 1868b, 150, t. h. *Tarsius spectrum*.—1868: Het. 1913: Subulura.
perceæ Gmel., 1790a, 3036, t. h. *Perca fluv.*; Goeze, 1782a.—1790: Asc. 1803: Fus.
 [1809: A. truncatula.]
perceæ Gmel., 1790a, 3048, t. h. *Perca fluv.*; Pall., 1766 & Müell., 1780.—1790: Echinor.
perceæ Schrank, 1788a, 15, t. h. Barsch, etc.; by Goeze.—1788: Cucullanus.
perceæ Viborg, 1795, 237 [nv.]; Rud., 1819a, 22.—1795: Cucullanus.
perceæ-cernuæ Brug., 1791a, 110, t. h. *Perca cernua*; quotes Müell. —1791: Echinor.
perceæ-cernuæ Gmel., 1790a, 3051.—1790: Cucullanus lacustris. 1809: Cucullanus.
perceæ-cernuæ Viborg, 1795, 243 [nv.].—1795: Echinor.
perceæ-cirrosa Rud., 1819a, 194, 565, t. h. *Perca cirrosa*; Rimini. 1819: Dubium.
perceæ-fluviatilis Rud., 1809a, 102.—1809: Cucullanus.
perceæ-fluviatilis Viborg, 1795, 244 [nv.]; Lüthe, 1905b, 272.—1795: Echinor.
perceæ-marinae Rud., 1819a, 195.—1819: Dubium.
perceæ-norvegicæ Viborg, 1795, 237 [nv.]; Rud., 1809a, 117.—1795: Cucullanus.
perdicis-dentatæ Mol., 1858c, 427, t. h. *Perdix dentata*; Brazil.—1858: Fil.

- perchoomi* "1780" of Gæze, 1782a, 39=Asc. lumbricoides.—1780: Stomachida.
perci Gendro, 1911, 95 (1), t. h. Chameleon gracilis; Labé, Fr. Guinée.—1911: Oxy-soma. 1916: Oxsomatium.
perfectus Cobb, 1891c, 147; Bay of Nap.—1891: Onyx, mt.
perfectus Cobb, 1893b, 292 (43), in soil about roots of banana plants; Fiji. —1893: Dorylaimus.
perforans Centosculdi, 1911, 394, t. h. Gallus dom.; Italy.—1911: Spiropt.
perforans Mol., 1858c, 387, t. h. Mustela martes, etc.—1858: Fil.
perforator Linst., 1908, 4, t. h. Diptychus dybowskii, etc.; Issyk-Kul-See.—1908: Echinor.
pergracilis Cobbold, 1873d, 13, t. h. grouse; Eng.—1873: Str. 1909: Trichost.
peritonei hominis (Babès, 1879) Babès, 1880a, 158, for peritonei hominis (Fil.).
peritonei hominis Babès, 1879, 554, t. h. Homo; Budapest.—1879: Fil.
peritonei hominus A., D., & E., 1901b, 12, for p. hominis (Fil.).
perlaram Duj., 1845a, 44, misprint for persarum (Dracunculus).
perlorum Meissner, 1863, 51, misprint for persarum (Dracunculus).
perniciosis Linst., 1885b, 238, t. h. Felis tigris; Zool. Gard. Hamburg.—1885: Ankylostomum. [1885: Ancylostoma.] 1899: Unc.
perpapillatus Jægers., 1909, 3, t. h. Ardea leuce, Herodias egretta; Brazil.—1909: Eustrongylides.
perplerans Cobb, 1913, 438, roots of pasture plants, at Arlington; citrus roots, in Spain.—1913: Archionchus, mt.
perrieri Maupas, 1900a, 518, in terreau; Arba.—1900: Rhabditis.
perrodens Kitt, 1915, 340, in Insektengarten [Felis sondiaca]; Munich Zool. Gard.—1915: Unc.
perronci Cam., 1886a, 169; Italy.—1886: Gord.
persarum Kämpfer, 1694a, 395, t. h. Homo; Persia; Pre-Linnean; see also Fuchs, 1781a, 1.—1694: Dracunculus. 1896: Drakunkulus.
persequis Bast., 1865c, 124, in wheat-stalks; Broadmoor, Berks.—1865: Cephalobus, tsd.
perspicillum Rud., 1803a, 9, t. h. Meleagris gallopavo; by Rud.—1803: Asc. 1845: Asc. (Ascaridia). 1893: Het. 1912: Ascaridia.
perstans Mans., 1892b, 85, misprint for perstans (Fil.).
perstans Mans., 1892f, 734, t. h. Homo; W. coast of Africa.—1891: Fil. sanguinis hominis. 1902: Fil. sanguinis. 1907: Microfil. 1909: Mikrofil. 1912: Acanthocheilonema.
perstasis Hut. & Mar., 1913, 1136, misprint for perstans (Microfil.).
petromyzi Linst., 1879a, 171, t. h. Petromyzon fluviatilis; Ing.—1879: Asc.
phacochari-africani Crep., 1844a, 117, t. h. Phacochorus africanus; by Otto. —1844: Nematodeum.
phalacrus Greef, 1869a, 118; Lanzarote.—1869: Eubostrichus.
phalangii Rud., 1809a, 78, t. h. Phalangium cornutum; by Latr.—1809: Fil. 1819: Fil. truncatula.]
phalaridis Steinbuen, 1799a, 257, on Phalaris.—1799: Vibrio. [1838: Anguillula.] 1877: Anguillula. 1880: Tylenchus. 1888: Anguillula.
phalloides Pall., 1774, 12; Herbst, 1787a, 31.—1774: Lumbricus. 1787: Lumbricus. 1851: Sipunculus.
phasiani Frel., 1791a, 110, t. h. Phasianus colchicus; Ing.—1791: Fil.
phasiani Gmel., 1790a, 3034, t. h. Phasianus pictus; Gæze, 1782a.—1790: Asc.
phasiani-galli et picti Rud., 1809a, 129.—1809: Asc. teres minor. [See vesicularis.]
phasiani-picti Mol., 1860b, 981, t. h. Phasianus pictus; M. C. V.—1860: Spiropt. 1897: Fil.
philippinensis Ashburn & Craig, 1906, 435, t. h. Homo; Manila.—1906: Fil. 1909: Microfil. 1909: Fil. (Microfil.). 1916: Mikrofil.
philomela Dies., 1851a, 226, t. h. Silvia philomela, Saxicola stapezina; M. C. V.—1851: Spiropt. 1897: Fil.
philomela Linst., 1879b, 321, t. h. Luscinia philomela; Ing.—1879: Asc.
phlebotomum Linst., 1906, 91, misprint for phlebotomum (Bunost.).
phlebotomus Rail., in Rizzo, 1900c, 781; in ruminants; Rail., 1902b, 108, t. h. Zebu, Bos taurus; Indes anglaises.—1900: Monodontus. 1902: Bunost. 1917: Bustomum, tod.
phlei Horn, 1888a, 139, on Phleum bœhmeri; Europe.—1888: Tylenchus.
phoca Gæze, 1782a, 39, t. h. Phoca vitulina, see also phocarum.—1782: Asc.
phoca Fabr., 1780a, 272, t. h. Phoca groenlandica, P. fœtida; Greenland.—1780: Asc. 1790: Echinor. 1791: Proboscidea. [1801: Ophiost.] 1803: Ophiost. [1809: ♀ Ophiost. dispar.] 1816: Fissula.
phocæ Joly, 1858a, 166, t. h. Phoca vitulina; by Joly.—1858: Fil. cordis.
phocæ Zed., 1803a, 114, t. h. Phoca vitulina.—1803: Fus.
phocæ-groenlandicæ Rud., 1809a, 121, for phocarum (Asc.).

- phoca-vitulina* Viborg, 1795, 243 [nv.]; Lühe, 1895b, 272; t. h. *Phoca vitulina*.—1795: Echinor.
- phoca-vitulina* Viborg, 1795a, 243 [nv.]; Rud., 1809a, 294; t. h. *Phoca vitulina*.—1795: Echinor.
- phocarum* Geze, 1782a, 73, t. h. *Phoca vitulina*: from Cassel; Ing.—1782: Asc.
- phanipecteri* A., D., & E., 1901b, 40, t. h. African flamingo; Nigeria.—1901: Fil.
- phanipecteri* Seur., 1916, 439, t. h. *Phanipecterus roseus*; Algeria.—1916: *Acuaria* (Hamannia). 1916: Echinuria.
- phœnir* Schneid., 1903b, 4, t. h. *Coregonus lavaretus*, etc.; Gulf of Finland.—1903: Echinor.
- phoxini* Linst., 1887d, 106, t. h. *Phoxinus lævis*; Ing.—1887: Asc.
- phryganæ* Gmel., 1790a, 3041, t. h. *Phryganæarum* larvæ; by Degeer.—1790: Fil.
- phryganæ-griseæ* Dies., 1851a, 98, t. h. *Phryganæa grisea*; by Rossi.—1851: Fil. 1851: Gord.
- phycidis* Rud., 1819a, [57], 300, for *phycis* (Asc.).
- phycis* Rud., 1819a, 57, t. h. *Blennius phycis*; Rimini.—1819: Asc.
- phyllostoma* Cartaya, 1910, 503, t. h. *Artibeus perspicillatus*; Habana.—1910: Fil. [Microfil.]
- phyllostomatis* M. C. V. in Mol., 1861a, 533 (109), t. h. *Phyllost. discolor*; Brazil.—1861: Str.
- phyllostomatos* M. C. V. in Mol., 1858c, 385, t. h. *Phyllost. brevicaudum*, etc.; Brazil.—1858: Fil.
- physalura* Brems. in Dies., 1851a, 276, t. h. *Alcedo amazona*, etc.; Brazil.—1851: Fil. 1861: *Monopetalonema*.
- physalura* Duj., 1845a, 94, t. h. *Falco com.*, etc.; Toulouse.—1845: Spiropt.
- physocoracis* Porta, 1913, 167, t. h. *Physocorax moneduloides*; New Caledonia.—1913: Echinor.
- pica* Rud., 1819a, 54, t. h. *Corvus pica*; Greifsw.—1819: Asc.
- pica* Rud., 1819a, 76, t. h. *Corvus pica*; C. E. V.—1819: Echinor.
- pica-mediæ* Cobbold, 1880k, 131, t. h. *Pica media*; China.—1880: Fil.
- pici* Gmel., 1790a, 3045, s. *cylindraceus*, in *Picus erythroce.* *P. viridis*; Geze, 1782a.—1790: Echinor.
- pici-collaris* Leidy, 1904a, 91, for *pici-collaris* (Echinor.).
- pici-collaris* Leidy, 1850b, 98, t. h. *Picus collaris*; Ing.—1850: Echinor.
- piceorum* Rud., 1819a, 15, t. h. *Picus canus*, etc.; C. E. V.—1819: *Trichosoma*. 1915: Cap.
- pictus* (rep., 1849a, 64 *Syngamus trachealis* Sieb. renamed.—1849: Str.
- pigmentalis* Concilium Bibliog. card for *pigmentata* (Spiropt.).
- pigmentata* Linst., 1897c, 608, t. h. *Cercopithecus albicularis*; Ing.—1897: Spiropt.
- pigmentata* Linst., 1897f, 28, t. h. *Arctomys marmota*; Königsb.—1897: Asc.
- pigmentatus* Fuhrm. in Wolffh., 1900a, 10, t. h. *Corvus corone*.—1900: Echinor. (Nomen nudum except for host.)
- pigmentatus* Linst., 1904f, 8, t. h. *Iepus nigricollis*; Ranna, S. Province, Colombo Mus.—1904: Str. 1916: *Trichost.*
- pigmentatus* Marval, 1902a, 419, t. h. *Corvus corone*.—1902: Echinor.
- pigmentosus* Bast., 1865c, 149, tidepools; Falmouth.—1865: *Enoplus*.
- pilatum* Rail., Henry, & Bauche, 1914, 208, t. h. elephant; Gué.—1914: *Cylicest.* 1915: *Amira*.
- pillulifer* Linst., 1877a, 1, in an aquarium; by Linst.—1877: *Tylenchus*.
- pilosa* Cobb, 1914, 8, Bay; Cape Royds.—1914: *Monhystera*.
- pilosus* Mœbius, 1855a, 428, t. h. *Blaberba gigantea*; Angustura.—1855: Chord. 1874: Gord.
- pinguicula* Verrill, 1870, 179, t. h. *Sus scrofa dom.*; Conn., U. S. A.—1870: *Sclerost.* 1894: Str. [1839: *Stephanurus*, type.]
- pinguicula* Schneidm., 1896a, 319, for *pinguicula*.—1896: *Sclerost.* 1896: *Sklerost.*
- pinnatifidus* Dies., 1839a, 227, s. *pectinatus*, t. h. *Podocnemis expansa*; Borba.—1839: *Ancyracanthus*, mt.
- pioloti* Cam., 1903, (437), 3, for *piolotii* (Gord.).
- piolotii* Cam., 1886a, 171; Italy.—1886: Gord.
- pipa-dorsigera* (rep., 1844a, 122, t. h. *Rana pipa*; by Otto.—1844: *Nematoideum*.
- pipra-caudata* M. C. V. in Mol., 1858c, 424, t. h. *Pipra caudata*; Brazil.—1858: Fil.
- pipra-caudata-abdominalis* Mol., 1858c, 424, t. h. *Pipra caudata*; Brazil.—1858: Fil.
- pipra-inornata* M. C. V. in Mol., 1858c, 400, t. h. *Pipra inornata*; Borba.—1858: Fil.
- piriformis* Marval, 1904, 579, for *pyriformis* (Echinor.).
- piscicola* Linst., 1878b, 239, t. h. *Blicca bjerkna*, etc.; Ing.—1878: Asc.
- piscicola* Linst., 1906, 171, t. h. marine fish (? *Lethrinus* sp.); Ceylon.—1906: Fil.
- piscicola* Linst., 1907, 256, t. h. *Distichodus* sp.; Kamerun.—1907: *Nematoxys*.
- piscinalis* Linst., 1904o, 490, in water; near Saratow.—1904: *Mermis*.

- piscinus* Zed., 1809a. 132. t. h. alle hielandische Karpfenarten. etc.: by Zed.—1800
Echinor.
- piscium* Brug., 1791a. 89. sub cute et in intestinis piscium.—1791: Gord. [1815:
Gord. (Fil.).]
- piscium* Pall., 1781a. 90.—1781: Asc.
- piscium* Rud., 1809a. 62. s. Asc. marina t. h. marine fishes; Europe.—1809: Fil.
[? 1815: Gord. (Fil.).] 1862: Agamonena.
- pistillaris* Mol., 1858c. 381. t. h. Sciurus igniventris; Brazil.—1858: Fil.
- pistillaris* Mol., 1860b. 955. t. h. Strix magellanica; Brazil.—1860: Spiropt.
- placei* Place, 1893. 589. t. h. Bos taurus.—1893: Str.
- plagicephalus* Westrumb., 1821a. 17. t. h. Acipenser huso. A. ruthenus; Wien.—1821:
Echinor.
- plagiostoma* Wedl. 1861b. 464. t. h. Erinaceus auritus; Egypt.—1861: Pterygoderma-
tites. mt. 1873: Ricfularia.
- plagiostomorum* Linst., 1905bb. 183. t. h. Selache maxima. Raja radiata; Ceylon.—
1905: Asc.
- platala-ajaja* M. C. V. in Mol., 1860b. 964.—1860: Spiropt. [1860: S. quadri-
papillosa.]
- platala-ajaja* M. C. V. in Mol., 1860c. 497.—1860: Spiropt. [1860: so. Disph. magni-
labiatu.]
- platessæ* Ben., 1871a. 76. t. h. Platessa vulg.; Belgium.—1871: Asc.
- platessæ* Ben., 1871a. 76. t. h. Platessa vulg.; Belgium.—1871: Dacnitis.
- platessa* Rud., 1809a. 116. t. h. Pleuronectes platessa; by Treviranus.—1809: Cucul-
lanus.
- platessa* Rud., 1809a. 310. t. h. Pleuronectes platessa; Müell.—1809: Echinor.
- platessoida* Bosc, 1802a. 9. for platessoidæ (Echinor.).
- platessoidæ* Bennet & Olivier, 1826a. 35. t. h. Pleuronecta platessa.—1826: Echinor.
- platessoidæ* Gmel., 1790a. 3048. t. h. Pleuronectes platessoides; Greenland.—1790:
Echinor.
- platessoidis* Porta, 1905a. 196. for platessoidæ (Echinor.).
- platycephalus* Montg., 1898a. 29; Guatemala and S. Montana.—1898: Gord.
- platyptericis-falcule* Dies., 1851a. 105. t. h. Platypteryx falcule; by Deg.—1851: Fil.
1851: Gord.
- platyrhaci* Par., 1896b (c. 110 (3). t. h. Platyrhacus modiglianii; Sumatra.—1896:
Oxyuris.
- platyura* Baird, 1853a. 36; Jamaica.—1853: Gord.
- preskei* Cam., 1896d. 118; China.—1896: Gord. 1897: Parachord.
- pleuronectes* Bosc, 1802a. 9. for pleuronectis (Echinor.).
- pleuronectis* Gmel., 1790a. 3047. t. h. Pleuronectes maximus. Rhombus maximum;
quotes Müell.—1790: Echinor.
- pleuronectis* Müell., 1776a. 244. t. h. Pleuronectes platessoides.—1776: Asc. 1791:
Proboscidea. [1809: Echinor. pleuronectis-platessoidæ.]
- pleuronectis-boscii* Rud., 1819a. 194. t. h. Pleuronectes boscii.—1819: Dubium.
- pleuronectis-maximi* Rud., 1809a. 310. for pleuronectis (Echinor.).
- pleuronectis-platessa* Viborg, 1795. 243 [nv.]; Lüthe. 1905b. 275; t. h. Pleuronectes
platessa.—1795: Echinor.
- pleuronectis-platessoida* Rud., 1809a. 310. t. h. Pleuronectes platessoides; by Fabr.—
1809: Echinor.
- pleuronectis-platessoides* Dies., 1851a. 57. t. h. Pleuronectes platessoides; by Müell.—
1851: Echinor.
- pleuronectis-platessoidis* Linst., 1878a. 245. for pl.-platessoidæ (Echinor.).
- plica* Rud., 1819a. 14. t. h. Canis lupus; Berl.—1819: Trichsoma. 1815: Calodium.
1915: Cap.
- plicata* Rud., 1809a. 67. attenuata Zed. renamed. "in Erucis."—1809: Fil. 1815:
Gord. (Fil.).
- plicata* Schneid., [nv.]; Fuchs, 1915. 200.—1915: Rhabditis.
- plicatus* Linst., 1883a. 304. t. h. Emberiza caniceps. etc.; Turkestan. 1883: Echinor.
- plimneri* Hall, 1916a. 188. t. h. Nyctomys sp.; Lond.—1916: Microfil.
- ploci* Pittaluga, 1912. 77 [nv.]; 1913. 156; t. h. Homo; Spanish Guinea. 1912: Microfil.
- ploti* M. C. V. in Mol., 1858c. 391. t. h. Plotus anhinga; Brazil. 1858: Fil. [1858:
Fil. helicina.]
- ploti-surinamensis* M. C. V. in Mol., 1858c. 428. t. h. Poda surinamensis; Matagrosso.—
1858: Fil. [1858: Fil. subcutanea.]
- plotina* Baylis, 1919. 459. t. h. Plotus rufus; Uganda.—1919: Subulura.
- phipalura* Leidy in Stiles & Hass., 1894e. 347. t. h. ?Ceryle alcyon; by Warren.—
1894: Fil.
- phuridentata* Aless., 1905. 34. t. h. Oncoides (Felis) mitis; Brazil. 1905: Unc. 1909:
Ankylostoma. 1911: Agchylostoma. 1916: Ancylostoma.

- poculatum* Looss, 1900c, 184, t. h. *Equus* cab.; Egypt.—1900: Cyathost. 1901: Cylichnost. 1911: Cylicost.
- poculum* Trav., 1913, 298, for *poculum* (Subulura).
- poculum* Linst., 1904f, 11, t. h. *Equus* cab.; Iranativu.—1904: Oxyuris.
- poculum* Linst., 1909, 449, t. h. *Francolinus adspersus*; German S. W. Africa.—1909: Het., 1914: Subulura.
- podinemæ-scriptæ* Mol., 1858c, 430, t. h. *Podinema scripta*; Brazil.—1858: Fil.
- podoa* (subcutanea) Mol., 1858c, 428, t. h. *Podoa surinamensis*; Brazil.—1858: Fil.
- pæcili-cuprei* Dies., 1851a, 90, t. h. *Pæcilus cupreus*; Lond.—1851: Fil. 1851: Gord.
- pæcilosoma* Man, 1893a, 96, marine; Zealand.—1893: Chromadora.
- pœli* Vryburg, 1897, 43 [nv.], t. h. *buffles indiens*; Karbomoen.—1897: Fil. 1912: Elæophora, tod.
- pœli* Linst., 1906, 7, for *pœli* (Fil.).
- pœlsi* Hut. & Mar., 1905a, 860 for *pœli* (Fil.).
- polare* Cobb, 1914, 8, Bay; Cape Royds.—1914: Thoracost.
- polaris* Cobb, 1914, 8, Bay; Cape Royds.—1914: Axonolaimus.
- polaris* Cobb, 1914, 8, Bay; Cape Royds.—1914: Monhystera.
- polaris* Cobb, 1914, 8, Bay; Cape Royds.—1914: Chromadora.
- polaris* Cobb, 1914, 8, Bay; Cape Royds.—1914: Terschellingia.
- polaris* Looss, 1911, 213, t. h. *Vulpes lagopus*; N. America.—1911: Unc.
- polichotoma* Scortegagna, 1848a, 247, t. h. *Homo*; Mus. Civico, Milan.—1848: Fil.
- politus* Daday, 1905, 326.—1905: *Cylindrolaimus*.
- pollicaris* Linn., [nv.], cf. 1758a, 648; Rud., 1809a, 154.—1809: Asc.
- pollicaris* Pall., 1761a, 72.—1761: Asc. *vermicularis*.
- polloneræ* Cam., 1912, 215.—1912: Chord.
- polonicus* Stefanski, 1915, 348, free; Czarna River, Pologne. 1915: *Mononchus*. 1917: M. (*Mylonchulus*).
- polycanthoides* Crep., 1825a, 24, t. h. *Falco milvus*; by Barkow.—1825: Echinor.
- polyacanthus* Crep., 1825a, 22, t. h., *Falco fusco-ater*; by Schill.—1825: Echinor.
- polyblastus* Bast., 1865c, 108, in moss; Falmouth.—1865: *Dorylaimus*.
- polycephalus* Stiebel, 1817a, 174, in *Homo*.—1817: *Dyacanthos*, mt.
- polychata* Steiner, 1915, 224, marine; Sumatra.—1915: *Monhystera*.
- polydesmus* Southern, 1914a, 64; Clew Bay.—1914: *Desmoscolex*.
- polygyrus* Duj., 1845a, 116, t. h. *Arvicola arvalis*. *Mus sylvaticus*; probably Rennes.—1845: Str. 1861: *Metastr.* 1909: *Heligmosomum*. 1916: *Viannia*.
- polymorphus* Brems. in Rud., 1819a, 672, cf. *filicellis versicolor*.—1819: Echinor.
- polyodontis* Dies., 1861a, 610, t. h. *Polyodontis* sp.; Wien. teste Frauent. —1861: Mermis.
- polyoon* Linst., 1909, 450, t. h. *Xerus setosus*; German S. W. Africa.—1909: Oxyuris.
- pomatostomi* Johnst. & Cleland, 1912, 111, t. h. *Pomatostomus rubeculus*, etc.; Australia.—1911: Echinor.
- ponteri* Hémont, 1827a, 12, for *pontieri* (Ophiost.).
- ponteri* Cloq., 1822b, 32, t. h. *Homo*; by Cloq.—1822: Ophiost.
- ponticus* Reinhard, 1881, 589; Odessa.—1881: Echinoderes.
- pontieri* Chiaje, 1825a, 35, for *ponteri*, t. h. *Homo*; Cloq. —1825: Ophyst. 1827: Ophiost. 1833: Ophyost.
- porcipara* Stiles & Hass., 1894e, 341, misprint for *paucipara* (Asc.).
- porrigens* Rud., 1814a, 98, t. h. *Bakena rostrata*; Berl. Mus.—1814: Echinor. [1906: Bolbor.] 1908: *Bolbosoma*.
- posthula* Mol., 1860b, 926, t. h. *Tinamus tao*; Brazil. 1860: *Spiropt.* 1861: *Cheilospirura*.
- pouteri* Cloq., 1822a, 97, t. h. *Homo*; Uzerches.—1822: Ophiost.
- powelli* Penel, 1905a, 10, for *powelli* (Fil.).
- powelli* Brumpt, 1913, 525, for *powelli* (Fil.).
- powelli*, Penel, 1905a, 124, t. h. *Homo*; Bombay, India. —1905: Fil. 1910: *Microfil.* 1916: *Mikrofil.*
- præcinetus* Duj., 1845a, 282, t. h. *Muraena conger*; Rennes.—1845: *Stelmus*, mt. 1887: Het. 1892: *Dacnitis*.
- prædatrix* Man, 1907, 237, free; Ierseke.—1907: *Sabatieria*.
- prælonga* Duj., 1845a, 201, t. h. *Colymbus auritus*; Mus. Wien.—1845: Asc.
- præmatura* Linst., 1897i, 32, t. h. *Stenobothrus* sp.; Madagascar.—1897: Mermis.
- præputialis* Linst., 1889c, 238, t. h. *Felis catus*; Brazil.—1889: *Physalopt.*
- præputialis* Skrj., 1916, 64, t. h. *Bufo*; Brit. E. Africa.—1916: Oxyuris.
- prætextus* Mol., 1858d, 142, t. h. *Triton lobatus*; Padua.—1858: Echinor.
- pruensis* Cobb, 1893a, 823 (46), about roots of sugar cane; N. S. Wales.—1893: *Monhystera*.
- pratensis* Man, 1880a, 22, in moist soil; Holland.—1880: *Ethmolaimus*.
- pratensis* Man, 1880a, 84, in sand; Walcheren.—1880: *Dorylaimus*.

- pratensis* Man. 1880a. 71. in moist or sandy soil: Holland.—1880: Tylenchus.
preslii Vejd., 1886, 371; Prag.—1886: Gord.
primana Leidy, 1891a, 410, t. h. *Simia satyrus*; Phil. Zool. Park.—1891: Fil.
primitivus Man, 1880a, 2, free; Holland.—1880: Alaimus, tsd.
primitivus Man, 1884a, 9.—1884: Dorylaimus.
primitivus Mol., 1851a (b), 565 [141.], s. *trachealis*, etc., t. h. *Phasianus gallus*, etc.; Europe, N. America.—1861: Syngamus. 1910: Str.
prinzi Mar., 1870a, 33; Mallamoussque.—1870: Necticonema, mt.
prionodora Stoss., 1902e, 5, t. h. *Lampris luna*; Viareggio.—1902: Asc.
prismaticus Villot, 1874a, 58; Nouvelle-Grenada, Bogota; Coll. Lindig.—1874: Gord. 1897: Parachord.
pristina Menge, 1866, 7, in Bernstein.—1866: Anguillula.
pristis Rud., 1802a, 64, t. h. *Esox belone* [; Greifsw.].—1802: Echinor. [1807: Echinodroma.] 1911: Rhadinor., mt.
pristis tenuicornis Lint., 1891a, 531, t. h. *Lebotes surinamensis*, *Tylosurus caribbeus*; New Eng.—1891: Echinor.
pristonychi-terricola Dies., 1851a, 89, t. h. *Pristonychus terricola*; Europe. 1851: Fil. 1851: Gord.
probolurus Rail., 1896a, 540, t. h. *Camelus dromedarius*; France.—1896: Str. 1905: Trichostr.
producta Schneid., 1866a, 158, in moist soil and decaying substance; Eng.—1866: Leptodera. 1880: Rhabditis.
procellariæ Dies., 1851a, 194, t. h. *Procellaria anglorum*; Ireland.—1851: Asc.
procellaria Dies., 1851a, 223, t. h. *Procellaria anglorum*; Ireland.—1851: Spiropt.
procellaria-anglorum Dies., 1851a, 223, t. h. *Procellaria anglorum*; Ireland.—1851: Spiropt. [1851: S. procellariæ.]
profundi Bast., 1865c, 159, in mud; Falmouth.—1865: Comesoma.
profundis Cobb, 1904, 367, aquatic; New Zealand.—1904: Dorylaimus.
profundissima Linst., 1888a, 11, free; Challenger Expedition.—1888: Pothelaimus, mt.
profundus Schep., 1907a, 143; Bergen.—1907: Desmoscolex.
proles Rud., 1808a, 325.—1808: Str. armatus.
prolifer Ehrenb., 1831b, 67; Berl.—1831: Vibrio.
proni Seur., 1915, 320, t. h. *Herpestes ichneumon*; Bordj-Moniel.—1915: Rictularia.
propinqua Daday, 1905, 52, in fresh water; Paraguay.—1905: Monhystera.
propinquus Cobb, 1915, 30; Douglas Lake, Mich.—1915: Actinolaimus.
propinquus Duj., 1845a, 533, t. h. *Gobius aphyia*, etc.; Europe.—1845: Echinor. 1911: Acanthoc.
protei-anguini Rud., 1819a, 189, 559, 779, t. h. *Proteus anguinus*; Rimini. 1819: Dubium. 1851: Nematoideum.
proteus Pall., 1766, 94; Muell., 1773a, 45, in aqua.—1773: Vibrio. [1776: Brachionus.]
proteus Westrumb, 1821a, 37, t. h. *Acipenser huso*, etc.—1821: Echinor.
prothus Kaiser, 1893b, 40, misprint for *proteus* (Echinor.).
protoquostus Criv., 1843a, 326 [nv.], in terra argillosa; Lombardia.—1843: Autoplectus, mt.
protractum Duj., 1845a, 20, t. h. *Vanellus cristatus*; Mus. Wien.—1845: Trichosoma. 1915: Cap.
proximus Büetsch., 1874b, 285; Kieler Bucht.—1874: Cyatholaimus.
psammophilus Man, 1880a, 29, in sand; Holland.—1880: Choanokaimus, mt.
pseudalis Dengler, 1863a, 10, so. spiralis.—1863: Trichina.
pseudobulbosa Daday, 1896, 411.—1896: Monhystera.
pseudolongata Micol., 1913, 11, am Flachstrand d. Faistenauer Hintersee, Ostalpen.—1913: Rhabditis.
pseudophysulura Stoss., 1902e, 12, t. h. *Buceros nasatus*; Eritrea. 1902: Fil.
pseudorobustus Steiner, 1914, 270, in Erde unter einem Moospolster; Switz. 1914: Tylenchus.
pseudosegmentatus Kneüpfner, 1888a, 10, t. h. *Spermophilus citellus*; a. d. Taurischen Gourv.—1888: Echinor.
psittaci M. C. V. in Mol., 1858c, 372, t. h. *Psittacus makaonanna*; Ezenho do Cap Gama.—1858: Fil. [1858: F. simplicissima.]
psittaci M. C. V. in Mol., 1860b, 923.—1860: Spiropt. [1860: S. circularis.]
psittaci M. C. V. in Mol., 1860b, 947.—1860: Spiropt. [1860: S. tercostata.]
psittaci-estivi M. C. V. in Mol., 1860b, 927.—1860: Spiropt. [1860: S. quadricostata.]
psittaci-estivi M. C. V. in Mol., 1860b, 947.—1860: Spiropt. [1860: S. tercostata.]
psittaci-araranna M. C. V. in Mol., 1860b, 923.—1860: Spiropt. [1860: S. circularis.]
psittaci-hyacinthini M. C. V. in Mol., 1860b, 923.—1860: Spiropt. [1860: S. circularis.]
psittaci-macaonis M. C. V. in Mol., 1860b, 923.—1860: Spiropt. [1860: S. circularis.]

- psittaci-menstrui* M. C. V. in Mol., 1858c, 377, t. h. *Psittacus menstruus*; Matogrosso.—1858: Fil.
- psophiæ* Trav., 1913, 278, t. h. *Psophia viridis*; Brazil—1913: Het. 1917: Gangul-eterakis.
- pterophora* Crep., 1853 (1854a), 60, t. h. *Dicholophus cristatus*; Brazil.—1853: Asc. 1914: Ascaridia.
- pterostichi* Linst., 1892a, 325, t. h. *Pterostichus niger*; Ing.—1892: Asc.
- pterostichi-madidi* Dies., 1851a, 90, t. h. *Feronia madida*; Eng.—1851: Fil. [1851: Gord. *feroniæ-madidæ*.]
- pterostichi-nigritæ* Dies., 1851a, 91, t. h. *Feronia nigrita*; by Sieb.—1851: Fil. [1851: Gord. *feroniæ-nigritæ*.]
- ptilophoræ-plumigeræ* Dies., 1861a, 610, t. h. *Ptilophora plumigera*; Wien.—1861: Mermis.
- ptyelæ-spumariæ* Dies., 1851a, 100, t. h. *Aphrophora* (*Ptyela*) *spumaria*; by Roesel.—1851: Fil. [1851: Gord. *aphrophoræ-spumariæ*.]
- pubis* Dolley, 1894a, 1006, apparently lapsus for *trichina* 1863.—1894: *Pseudalius*.
- pudica* Seur., 1914, 724, t. h. *Cerastes vipera*, etc.; Africa.—1914: *Thubunæa*, mt.
- puerilis* Montg., 1898a, 48, t. h. cockroach; Coll. Leidy.—1898: Chord.
- pugio* Ehrenb. in Hempr. & Ehrenb., 1828a, Hyrax unpaged, t. h. *Hyrax capensis*; by H. & E.—1828: *Oxyuris*.
- pugionatus* Schlotthauber, 1860a, 127, t. h. *Corvus pica*, *Sturnus vulg.*; by Schlotth.—1860: *Syngamus*.
- pugnicaudatum* Leiper, 1910, 23, t. h. *Phacochærus æliani massaicus*; Kilimandjaro.—1909: *Cylichnost*.
- pulchella* Mol., 1860b, 985, t. h. *Rallus cayennensis*; Brazil.—1860: *Spiropt*.
- pulcher* Schneid., 1906c, 7; Gulf of Finland.—1906: *Aphanolaimus*.
- pulchrum* Mol., 1857a, 217, t. h. *Sus scrofa fera*; M. C. V.—1857: *Gongylonema*.
- puleis* Linst., 1894b, 340, t. h. *Gammarus pulex*; by Linst.—1894: Fil. 1909: *Spiropt*.
- pullus* Dies., 1851a, 223, based on Brems., 1819a, 226, s. *Spiropt. hominis*.—1851: Str. *gigas*.
- pulmonale* Dies., 1851a, 333, t. h. *Capra aries*; by Sandie & Padley.—1851: *Nematoideum ovis*. 1883: *Pseudalius ovis*. 1886: *Pseudulius ovis*. 1890: Str. (*Pseudalius*) *ovis*.
- pulmonale* Dies., 1851a, 337, t. h. *Tropidonotus natrix*; Greifsw.—1851: *Nematoideum natricis*. 1861: *Nematodum natricis*.
- pulmonalis* Cobbold [nv.]; Rail., 1916, 519.—1916: *Pseudalius*.
- pulmonalis* Crep., 1846b, 159.—1846: Fil. *mustellæ-putorii*.
- pulmonalis* Dies., 1851a, 281.—1851: Str. *inflexus*.
- pulmonalis* Frœl., 1802a, 18, t. h. *Lepus sp.*; by Frœl.—1802: Fil. 1819: Fil. *leporis*. 1851: *Trichosoma leporis*. 1916: Cap. 1916: *Synthetocaulus*.
- pulmonalis* Gmel., 1790a, 3035, t. h. *Bufo* & *rubetra*; Gœze, 1782a.—1790: Asc. [1801: Lior.] [Same as *A. bufonis* Schrank.]
- pulmonalis* Linst., 1896c, 17, see *canis bronchialis*.—1896: Str. *canis*.
- (*pulmonalis*) Mol., 1858c, 421, t. h. *Felis mellivora*; Ypanema, Brazil.—1858: Fil. *felis-mellivore*.
- pulmonalis* Rud., 1819a, 8, t. h. *Mustela foina*, etc. [: Europe].—1819: Fil. *mustelarum*. [1858: *Filaroides*.]
- pulmonalis* Rud., 1819a, 8, t. h. *Lanius collurio*.—1819: Fil. *collurionis*.
- pulmonalis* Ward, 1895a, 335, t. h. misprint for *pulmonaris* (Str.).
- pulmonalis apri* (Gmel., 1790) Rud., 1809a, 246, t. h. *Sus scrofa dom.*—1809: Gord. [1809: Str. *suis*.]
- pulmonalis apri* Jelkmann, 1895a, 1, t. h. Schwein: quotes Ebel.—1895: Str.
- pulmonaris* Erc., 1859a, 317, t. h. *Bos taurus*; by Erc.—1859: Str. 1912: *Metastr.*
- pulmonaris* Gilruth, 1903c, 313, for *pulmonalis* Dies., 1851.—1903: Str. *ovis*.
- pumilio* Rud., 1819a, 66, t. h. *Lophius piscatorius*; Mus. Wien.—1819: *Echinor*.
- pumiliostris* Van Cleave, 1916, 169, t. h. *Botaurus lentiginosus*; D. C.—1916: *Arhythmor*.
- punctata* [and *punctatus*] Cobb, 1914, 73 (39), about roots of aquatic plants; Potomac River, Wash., D. C.—1914: *Rhabditis*.
- punctata* Eberth, 1863a, 20, under sea plants; Villafranca.—1863: *Phanoglene*. 1865: *Leptosomatum*.
- punctata* Linst., 1900a, 127; Baren-Insel.—1900: *Spilophora*.
- punctatus* Bast., 1865c, 164, marine surface mud; Falmouth.—1865: *Cyatholaimus*.
- punctatus* Cobb, 1914, 73 (39), fresh water ponds; Cape Breton Isl., Canada.—1914: *Oncholaimus*.
- punctatus* Cobb, 1917n, 438, *papillatus* Bast. of Brakenhoff, aquatic and about roots of *Alopecurus denticulatus*; Germany.—1917: *Mononchus* (*Prionchulus*).

- punctatus* Linst., in Schnyder, 1907d, 708, t. h. *Bos taurus*; Switz.—1907: Str. 1907: Cooperia.
puncticulatus Cam., 1895a, 11; Sumatra.—1895: Chord.
punctulatus Shipley, 1903l, 153, for *punctulatus* (Chord.).
pungens Schneid., 1866a, 93, t. h. *Turdus cyaneus*; Argo.—1866: Fil. [1909: F. (Diptotriena).]
pupa Linst., 1905dd, 3, t. h. *Erionetta spectabilis*; Zarjahofen.—1905: Echinor.
pupillosa Nordm., 1833b, 268, for *papillosa* (Fil.).
purpurea Cobb, 1894c, 417; S. Australia.—1894: Chromagaster, tsd.
purpurea Marval, 1905a, 323, apparently for *ardea-purpurea* (Echinor.).
purpurea Crep., 1849a, 69, t. h. *Larus fuscus* seu *flavipes*; by Jaekel.—1849: Str.
purpureus Schneid., 1866a, 326; Helgoland.—1866: Rhamphogord. 1868: Polygord.
pusila (Trav., 1914) Trav., 1915, 153, for *pusilla* [Cap. (Cap.)].
pusilla Linst., 1906, 167, t. h. *Gallus lafayetti*; Mamadu, Northern Prov.—1906: Het.
pusilla Linst., 1906, 248, t. h. insects; Nyassa-See, Langenburg, D. Ost-Africa.—1906: Pseudomermis.
pusilla Rud., 1802a, 29, t. h. *Erinaceus europæus*; by Rud.—1802: Asc. 1803: Fus. 1809: Asc.
pusilla Trav., 1914, 329, t. h. *Didelphis aurita*; Rio de Jan.—1914: Viannaia.
pusilla Trav., 1914, 429; 1915, 161, t. h. *Sturnira lilium*.—1914: Cap. 1915: Cap. (Cap.).
pusilla Trav., 1915, 297(3), t. h. *Turdus rufiventris*. *Platyechila flavipes*; Angra dos Reis, Estado do Rio.—1915: Tetrameres (*Microtetrameres*).
pusillus Chiajé, 1823–1829, 177, 196, in fundo limoso; Nap.—1829: Gord. 1850: Tubulanus. [1910: Tubifex tubifex.]
pusillus Cobb, 1893a, 810(33), about roots of sugar-cane; Australia.—1893: Dorylaimus.
pusillus Cobb, 1893a, 826, about roots of moss; N. S. W.—1893: Plectus.
pusillus Daday, 1905, 69, in fresh water; Paraguay.—1905: Dorylaimus.
pusillus Müell., 1890c, 63, t. h. *Felis catus* dom.; Munich.—1890: Str. 1912: Metastr.
pusillus Rud., 1803a, 19, t. h. *Lacerta agilis*; by Rud.—1803: Str.
pusillus Rud., 1819a, 809, for *porrigens* (Echinor.).
pustulosus Baird, 1853a, 37, t. h. *Blaps obtusa*; Lond.—1853: Gord. 1897: Parachord.
putaustialis Lane, 1914, 656, t. h. dom. fowl; Berhampore, Bengal.—1914: Het.
putorii (abdominalis) Mol., 1858 (1859e), 296, t. h. *Mustela putorius*; Padua.—1858: Echinor.
putorii Rud., 1819a, 14, t. h. *Mustela putorius*; C. E. V.—1819: Trichosoma. 1915: Cap.
putrefaciens Kûehn, 1879, [nv.].—1879: Tylenchus. 1895: Anguillulina.
pygmaeus Steiner, 1914, 217, in moss; Switz.—1914: Dorylaimus.
pyramidalis Linst., 1879b, 329, t. h. *Cholæpus didactylus*; Surinam.—1879: Physalopt.
pyri Cobbold, 1865n, 117, in a pear.—1865: Anguillula. 1865: Aphelenchus.
pyriformis Brems. in Rud., 1819a, 74, t. h. *Turdus merula*; Wien.—1819: Echinor.
pythonis Cat. RCSL, 1830, 43, t. h. *Python*.—1830: Asc.
pythonis Dies., 1851a, 161, quotes Retzius, 1830a, 102, t. h. *Python bivittatus*; Bengal.—1851: Asc. [1851: Asc. anoura.]
quadridentatus Bast., 1865c, 154, misprint for *quadridentatus* 1853 *Enoplus*.
quadrangularis Schneid., 1866a, 31, t. h. *Crotalus* sp.; Brazil.—1866: Asc.
quadrata Linst., 1904f, 3, t. h. *Crocodilus porosus*; Bolgoda.—1904: Asc.
quadrata Linst., 1905bb, 184, t. h. ? *Tæniura* sp.—1905: Asc.
quadrilata Mol., 1860b, 965, t. h. *Mus musculus*; Brazil.—1860: Spiropt.
quadricornis Abildg., 1773a, 34 [nv.].—1773: Echinor.
quadricornis Bosc, 1797a, 9, for *quadrirrostris* (Echinor.).
quadricornis Wedl, 1861b, 469, t. h. *Uraeus haje*; Egypt.—1861: Asc.
quadrivittatus Mol., 1860b, 927, t. h. *Psittacus æstivus*; Brazil.—1860: Spiropt. 1861: Cheilospirura.
quadridentis Mol., 1858c, 407, t. h. *Strix brachyotus*; M. C. V.; by Mehl. 1858: Fil.
quadridentata Mol., 1860b, 941, t. h. *Alcedo americana*; Brazil.—1860: Spiropt.
quadridentatum Duj., 1845a, 258, t. h. *Equus cab.*—1845: Sclerost.
quadridentatum Mol., 1861a(b), 475(51), t. h. *Myccetes coraya*; Cujaba.—1861: Diploodon. 1897: Unc.
quadridentatus Berl., 1853, 431, marine; Trieste.—1853: Enoplus.
quadridentatus Mol., 1858d, 155, t. h. *Mustelus plebejus*; Padua.—1858: Acanthocheilus, mt.
quadridentatus Sieb., 1851, 45, duodenale renamed.—1851: Str.
quadrilabiate Drasche, 1884a, 214, t. h. *Brycon falcatus*, etc.; Coll. Mol.—1884: Spiropt.
quadrilabiate Mol., 1858c, 417, t. h. *Tinamus rufescens*, T. maculosus; Brazil.—1858: Fil. 1861: Tetracheilonema, mt.

- quadriloba* Rud., 1819a, 25, t. h. *Picus viridis*; Mus. Wien.—1819: Spiropt. 1866: Fil. 1845: Disph. 1912: Acuaria.
- quadrilobata* Linst., 1908, 21, t. h. *Pseudaspis cana*, *Vipera arietans*; Kooa, Kalahari, Africa.—1808: Asc.
- quadrifidipapillosa* Mol., 1860b, 964, t. h. *Platalea ajaja*; Villa Maria.—1860: Spiropt. 1910: Pelecitus.
- quadrifurcata* Linst., 1906, 247, a larva from *Phasma*; Reunion Isl.—1906: Mermis.
- quadrifurcatus* Stev., 1904c, 1, t. h. *Columba livia domestica*; Wash. D. C.—1904: Str. 1909: Trichostr. 1914: Orinthostr.
- quadrifurcatus* *radi-morcha* Viborg, 1795, 244 [nv.]; Rud., 1809a, 324.—1795: Echinor.
- quadrifurcatus* Goeze, 1782a, 165, t. h. Lachs; by Wagler.—1782: Echinor.
- quadrifurcata* Dies., 1851a, 271, t. h. *Mustela foina*, etc.; Europe.—1851: Fil.
- quadrifurcata* Mol., 1858 (1859c), 301, t. h. *Ibis falcinellus*; Padua.—1858 (1859): Fil.
- quadrifurcata* Mol., 1860b, 987, t. h. *Anas dominica*; Brazil.—1860: Spiropt.
- quadrifurcata* Menge, 1872, 1, in Bernstein.—1872: Mermis.
- quadrifurcata* Leidy, 1856b, 56, t. h. *Anguilla vulg.*; by Schafhirt, Ing.—1856: Fil.
- quadrifurcata* Mol., 1858c, 398, t. h. *Dendrocalaptes picus*; Brazil.—1858: Fil. [1909: F. (*Diplotriana*).]
- quadrifurcata* Hall, 1916a, 143, t. h. *Eutamias quadrivittatus*; Colo.—1916: Warrenius, tod.
- quadrifurcata* Leiper, 1908, 192, t. h. *Varanus niloticus*; White Nile.—1908: Physalopt.
- quilonia* Lane, 1914, 392, t. h. *Elephas indicus*; India.—1914: Quilonia, tod.
- quisqualis* Linst., 1904n, 300, t. h. *Quiscalus versicolor*; Coll. Shipley.—1904: Fil.
- radia* Knight, 1903a, 523, for *radiata* (Unc.).
- radiata* Linst., 1907, 468, t. h. *Leptonychotes weddelli*; Antarctic Expedition.—1907: Asc. 1915: Kathleena.
- radiata* Nitzsch in Gieb., 1866a, 274, t. h. *Falco peregrinus*.—1866: Spiropt.
- radiatum* Looss, 1900c, 187, t. h. *Equus*; Egypt.—1900: Cyathost. 1902: Cylichnost. 1913: Cylicost.
- radiatum trifurcatum* Lane, 1917, 427, t. h. *Bos indicus*; Darjeeling.—1917: Oesophagost.
- radiatus* Cobb, 1913, 439, roots of plants and among algae; Potomac River, Wash. D. C.—1913: Actinolaimus, tod.
- radiatus* Cobb, 1917n, 438, in cranberry bog; New Jersey.—1917: Mononchus (*Mononchus*).
- radiatus* Rud., 1803a, 13, t. h. *Bos taurus*; Greifsw.—1803: Str. 1898: Oesophagost. 1913: Oesophagost (*Proteracrum*).
- radiatus* Rud. of Schneid., 1866a, 139, t. h. *Bos taurus*.—1866: Str. 1885: Unc. 1868: Doch. 1888: Ankylostoma. [1888: Ankylostoma.] 1900: Strongylatus. 1900: Unc. (*Monodontus*). 1906: Ankylostomum. 1906: Bunost. 1910: Ankylostomum. [1911: *Monodontus phlebotomus*.]
- radicicola* Greef, 1872, 172, in roots of *Dodarya* *orientalis*, etc.—1872: Anguillula. 1880: Tylenchus. 1884: Heterodera. 1898: Heterodera (*Heterobolbus*).
- radicicolus* Cobb, 1913, 439, soil about roots of cotton plants; Springfield, S. C.—1913: Isonchus, tod.
- radicola* Muell., 1884a, 2, for *radicicola*.—1884: Anguillula. 1902: Heterodera.
- radiosa* Schneid., 1866a, 42, t. h. *Echidna rhinocerotis*; Mozambique.—1866: Asc.
- radula* Schneid., 1866a, 98, t. h. *Paradoxurus philippinensis*; Philippines.—1866: Fil. 1915: Gnathost.
- raia* Muell., 1776a, 214, t. h. *Raja fullonica*; Greenland.—1776: Asc. [1810: *Dubium rajæ-fullonicae*.]
- raillieti* Skrj., 1915, 697, t. h. *Fulica atra*; Turkestan.—1915: Amidost.
- raillieti* Trav., 1913, 308, t. h. *Didelphis aurita*.—1913: Aspidodera.
- raja* Dies., 1851a, 229, t. h. *Raja batis*, *R. clavata*; Ireland.—1851: Spiropt. 1894: Spiropterina.
- raja* Dies., 1851a, 196, t. h. *Raja batis*; Ireland.—1851: Asc.
- raja* Fabr., 1780a, 273, for *raia* Muell. 1780: Asc. 1791: Proboscidea. [1801: Ophiost.] 1803: Fus. 1810: Ophiost.
- raja-batis* Dies., 1851a, 230, t. h. *Raja batis*; Ireland.—1851: Spiropt. [1851: S. *raja*.]
- raja-batis* Rud., 1819a, 799, t. h. *Raja batis*; Monro, 1783, pl. 13 fig. 14.—1819: *Dubium*. 1844: *Nematoideum*.
- raja-clavata* Linst., 1890d, 181, t. h. *Raja clavata*.—1890: Spiropterina.
- raja-clavata* Mol., 1860b, 988, t. h. *Raja clavata*; teste Duj.—1860: Spiropt. [1860: S. *raja*.]
- raja-fullonica* Rud., 1810a, 270.—1810: Vermis (*dubius*). 1819: *Dubium*. 1844: *Nematoideum*.
- raja-fullonica* Oerley, 1885a, 105, for *rajæ-fullonicae* (*Nematoideum*).

- rajarum* Dies., 1861a, 681, t. h. *Raja calvata*; by Wedl.—1861: Spiroptera.
- ralli* Rud., 1819a, 55, t. h. *Rallus crex*; C. E. V.—1819: Asc.
- ralli* Rud., 1819a, 642; t. h. *Rallus*; Brazil.—1819: Spiropt.
- ramphastos* M. C. V. in Mol., 1860c, 492.—1860: Spiropt. [1860: Disph. crassissimus.]
- ranæ* Gmel., 1790a, 3035, t. h. *Rana temp.*; Gœze, 1782a.—1790: Asc.
- ranæ* Gmel., 1790a, 3051, t. h. *Rana temp.*; Gœze, 1782a.—1790: Cucullanus.
- rana* M. C. V. in Mol., 1858c, 390, t. h. *Cystignathus gigas*, *Leptodactylus sibilatrix*; Ypanema.—1858: Fil.
- ranæ* Nordm., 1832a, 17, t. h. *Rana escul.*; by Nordm.—1832: Asc. oculi.
- ranæ* Nordm., 1833b, 268, t. h. reptiles.—1833: Fil. oculi.
- ranæ* [brasil.] Rud., 1819a, 713, 799, t. h. *Rana*; Brazil.—1819: Dubium. 1851: Nematodeum.
- ranæ* Schrank, 1788a, 25, t. h. *Rana*; Gœze, 1782a.—1788: Echinor. 1911: Acanthoc.
- ranæ* of Schrank, 1803b, 217, t. h. Quappen.—1803: Echinor.
- ranæ-æsculentæ* Mathis & Léger, 1911, 406, 437, for *r.-æsculentæ* (Fil.).
- ranæ-bombinæ* Dies., 1851a, 29, for *r.-bombynæ* (Echinor.).
- ranæ-bombynæ* Westrumb, 1821a, 18, so. *hæruca* 1819.—1821: Echinor.
- ranæ-æsculentæ* Chaussat, 1850b, 84, in *Rana escul.*—1850: Trichina.
- ranæ-æsculentæ* Rud., 1819a, 10, t. h. *Rana escul.*; C. E. V.—1819: Fil.
- ranæ-æsculentæ* Val., 1841c, 53 [nv.]; Dies., 1851a, 284, t. h. *Rana escul.*—1841: Fil. 1851: Fil.
- ranæ-pipa* Rud., 1810a, 267, t. h. *Rana pipa*.—1810: Vermis dubius. 1819: Dubium. 1851: Nematodeum.
- ranæ-pipiens* Mol., 1858c, 378, t. h. *Rana pipiens*; Leidy 1852b, 242.—1858: Fil.
- ranæ-temporaria* Dies., 1861a, 724, t. h. *Rana temp.*; teste Leidy.—1861: Nematodum.
- ranæ-temporaria* Linst., 1878a, 197, t. h. *Rana temp.*; ZwZ, 387.—1878: Nematodeum.
- ranæ-temporaria* Perty, 1852b, 156, t. h. *Rana temp.*; Switz. 1852: Anguillula.
- ranæ-temporaria* Viborg., 1795, 244 [nv.]; Lûche, 1905a, 292; t. h. *Rana temp.* 1795: Echinor. [1905: E. ranæ.]
- ransomia* Barker & Noyes, 1915, 197, t. h. *Fiber zibethicus*; Nebraska. 1915: Cap.
- ranzaniæ* Stoss., 1893a(b), 86(4), t. h. *Ranzania truncata*; Pirano, Istria.—1893: Agam-onema. 1898: Asc.
- rapax* Cobb, 1894c, 393; Bay of Nap.—1894: Demonema, mt.
- rapax* Cobb, 1917n, 438, about roots of plants; Arlington Farms, Va.—1917: Mononchus (Iotonchus).
- rapax* Savelev, 1912, 122, im Sande; Mogilnojsee, etc.—1912: Halichoanolaimus.
- raphaëlis* Cam., 1893c, 213, t. h. *Phyllodromia hemerobina*, P. parenthesis; Fr. Congo.—1893: Gord. 1897: Parachord.
- raphaëlis* Sons., 1896m, 449 [perhaps earlier], t. h. *Varanus arenarius*; Egypt. 1896: Echinor.
- raptatorum* Pol., 1860b, 23, cf. *Trichina microscopica*.—1860: Fil.
- ratti* Dies., 1851a, 225, t. h. *Mus rattus*; Berl.—1851: Spiropt.
- ratzeburgerensis* Linst., 1876a, 13; Ratzeburger-See.—1876: Chromadora.
- recessus* Cobb, 1917n, 454, in soil of a tomato field; Naranja, Fla. 1917: Mononchus (Sporonchulus).
- reclinata* Rud., 1819a, 657, t. h. *Crotophaga major*, C. minor; Brazil. 1819: Asc.
- recondita* Grassi in Grassi & Caland., 1890a, 18, t. h. *Canis* fam., *Pulex serrateiceps*; by Grassi & Caland.—1890: Fil. 1912: Acanthocheilonema. 1914: Dirofil.
- recta* Linst., 1879b, 324, t. h. *Podiceps cristatus*; Ing.—1879: Fil. 1879: Fil. (Spiropt.) 1909: Spiropt. 1916: Streptocara.
- rectangular* Linst., 1907, 464, t. h. *Leptonychotes weddelli*; S. Orkneys. 1907: Asc. [1914: Kathleena.] 1915: Kathleena.
- recticauda* Hempr. & Ehrenb., 1828a, unpagcd; Berl.—1828: Anguillula.
- recticauda* Mol., 1860e, 346, t. h. *Falco coronatus*; Brazil.—1860: Spiropt.
- recticauda* Costa, 1845 [nv.]; Rail., 1916, 519.—1845: Philometra.
- rectovaginus* Mol., 1860c, 484, t. h. *Falco ater*; M. C. V. 1860: Disph. 1912: Acuaria (Dispharynx).
- rectum* Linst., 1899b, 19, t. h. *Canis megalotis*, C. vulpecula; Egypt. 1899: Oxynema, tod. 1914: Subulura (Oxynema).
- rectum* Linst., 1907, 255, t. h. *Elephas africanus*; Kamerun. 1907: Sclerost. 1907: ?Str.
- rectus* Lint., 1892l, 91, t. h. *Larus* (Chroicoe.) sp.; Guaymas, Mexico. 1892: Echinor.
- rectus* Linst., 1906, 254, t. h. *Dolichotis patagonica*; Zool. Mus. Königsb. 1906: Str.
- rectus* Mol., 1860c, 494, t. h. *Falco femoralis*, F. uncinatus; Brazil. 1860: Disph. 1912: Acuaria (Cheilospirura).
- recurcata* Linst., 1901b, 412, t. h. *Eurystomus afer*; Langenburg, Nyassa See, Africa. 1901: Het. 1913: Subulura.

- recurvum* Solger, 1877a, 19, t. h. *Crocodylus acutus*; Mexico.—1877: *Trichosoma*. 1915: Cap.
- redii* Zed., 1800a, 23, t. h. *Muraena anguilla*; by Redi & Zed.—1800: *Fus.* [1809: *Asc. labiata*.]
- redivivum* Linn., 1767a, 1326, in aceto et glutine bibliopegorum.—1767: *Chaos*. 1775: *C. filiforme*. [1783: *Vibrio*.] [1786: *Anguillula*.] 1905: *Anguillula*.
- reductus* Linst., 1905dd, 2, t. h. *Phoca foetida*; Zarjahafen.—1905: *Echinor.* 1907: *Corynosoma*.
- reflexa* Linst., 1896a, 8, free; *Usachuaia*.—1896: *Anticoma*.
- reflexa* Nitzsch, 1821a, 47, t. h. *Caprimulgus europæus*; Ing.—1821: *Asc.*
- reflexa* Zed., 1800a, 21, t. h. *Phasianus dom.*, *P. colchicus*; Europe.—1800: *Fus.* 1803: *Fus.* [1809: so. *Asc. perspicillum* and *A. vesicularis*.] [1845: so. *Asc. (Ascaridia) inflexa* and *Het. vesicularis*.]
- regius* Cobb, 1917n, 438, about roots of plants; Arlington Farms, Va.—1917: *Mononchus (Iotonchus)*.
- regius* Man, 1876a (b), 92; Leiden.—1876: *Dorylaimus*.
- rekondita* Schneidem., 1896a, 307, for *recondita* (Fil.).
- renalis* Dies., 1851a, 327; quotes Redi.—1851: *Lumbricus canis*.
- renalis* Goeze, 1782a, 39, 73, and Gmel., 1790a, 3032, t. h. *Canis fam.*; Redi.—1782: *Asc.* 1790: *Asc.* 1803: *Fus.* [1809: *Str. gigas*. 1824: *Diectophyma*, mt.] 1855: *Lumbricus*. 1860: *Str.* 1901: *Diectophyme*, mt. 1910: *Eustr.*, tsd. 1916: *Diectothyme*.
- (*renalis*) Mol., 1858d, 424, t. h. *Myothera (Turdus) rex*; Marabitanus, Coll. Brazil.—1858: *Fil. myotheræ-regis*.
- renardi* Lindemann, 1865a, 495, t. h. *Strix passerina*; Wilno.—1865: *Paradoxites*, tsd.
- rennicki* Leiper & Atkinson, 1914, 223, t. h. *Trematomus bernacchii*.—1914: *Echinor.*
- renniei* Rail. & Henry in R., H., & J., 1913, 264.—1913: *Evansia*, tod.
- renum canis* Rud., 1809a, 210; quotes Hartm. 1685.—1809: *Lumbricus*.
- repens* Rail. & Henry, 1911, 387, t. h. *Canis dom.*; Bologne.—1911: *Dirofil.* 1913: *Fil.* 1915: *Fil. (Dirofil.)*.
- reptilium* Fabr. 1794, 31.—1794: *Cucullanus*.
- resectum* Duj., 1843a, 347, t. h. *Corvus monedula*; Rennes.—1843: *Trichosoma*. 1915: *Cap. (Cap.)*.
- restiformis* Leidy, 1880c, 130, t. h. *Homo*; W. Va.—1880: *Fil.* 1907: *Agamomermis*. 1910: *Agamomeris*.
- reticulata* Dies. in Herm., 1841b, 200, s. *reticulata equi-caballi*; t. h. *Equus cab.*; Wien.—1841: *Onchocerca*, mt. 1841 or 1851: *Trichina*. 1846: *Fil.* 1885: *Spiropt.*
- reticulata* Linst., 1899b, 7, t. h. *Ardea cocoi*; Porto Alegre.—1899: *Asc.*
- reticulata* Schlotthauber, 1869a, 126, t. h. *Equus cab.*; Goett.—1860: *Piguris*, mt.
- reticulata equi-caballi* Dies. in Herm., 1841b, 199, so. *Onchocerca reticulata*.—1841: *Trichina*.
- reticulatum* Richters, 1905a, 46; Blindbachtal, Schwarzwald.—1905: *Bunonema*.
- reticulatus* Tokishige, 1898a, 452, t. h. *Equus cab.*; Nagoya.—1898: *Disph.*
- reticulatus* Villot, 1874a, 57; Californina; Mus. Paris.—1874: *Gord.*
- reticulatus* Westrumb, 1821a, 24, t. h. *Rallus nigricans*; Brazil.—1121: *Echinor.*
- retikulata* Schneidem., 1896a, 308, for *reticulata (Onchocerca)*.
- retortæformis* Brems., 1811a, 25, in *Lepus cuniculus fer.*—1811: *Str.* [1845: *S. strigosus*.]
- retortæformis* Zed., 1800a, 73, t. h. *Lepus*; Europe.—1800: *Str.* 1905: *Trichestr.*, tod. 1913: *Str. (Trichostr.)*.
- retortæformis major* Rud., 1819a, 34, t. h. *Lepus timidus*; by Treutler.—1819: *Str.*
- retortæformis minor* Rud., 1819a, 34, t. h. *Lepus cuniculus*, *L. timidus*; by Zed., Braun.—1819: *Str.*
- retortæformis* Crisp, 1868a, 459, for *retortæformis (Str.)*.
- retusa* Frœl., 1802a, 41, t. h. *Corvus corone*, *Tringa vanellus*; by Frœl.—1802: *Asc.*
- retusa* Rud., 1819a, 30, t. h. *Lacerta teguixin*; Brazil.—1819: *Physalopt.* 1845: *Spiropt.*
- retusa* Rud., 1819a, 656, t. h. *Dasypus novemcinctus*; Brazil.—1819: *Asc.* 1866: *Het.*
- retusum* Rail., 1893a, 486, t. h. *Gallus gallus*, *Numida*; France.—1893: *Trichosoma*. 1915: *Cap. (Cap.)*.
- revalensis* Zool. Rec., 1908 (for 1906), v. 43, Verm., 36, for *revaliensis (Chromadora)*.
- revaliensis* Schneid., 1906e, 681, in fresh water; Reval in Estland.—1906: *Chromadora*. 1913: *Ethmolaimus*.
- reversus* Cobb, 1917n, 434, about roots of *Platonia insignis*; Rio de Jan., Brazil.—1917: *Mononchus (Mylonchulus)*.
- revoluta* Cobb, 1906, 165 free; Hilo, H. I.—1906: *Anthonema*, mt.
- revoluta* Rud., 1819a, 26, t. h. *Charadrius himantopus*; M. V.—[1811: *Aenaria*.] 1819: *Spiropt.* 1860: *Disph.*

- rex* Cobb, 1904, 363, in fresh water: Lakes Manapouri & Wakatipu, New Zealand.—1904: Mononchus. 1916: M. (Mononchus). 1917: M. (M.) and M. (Mononchus).
- rhabdites* Blumer, 1905, 115, refers to the rhabditiform larva.—1905: Unc.
- rhabdogalis* Sons., 1896m, 440, t. h. *Rhabdogale mustelina*: Egypt.—1896: Fil.
- rhex* Dies., 1851a, 278, t. h. *Rhex*; quotes Owen.—1851: Fil.
- rhex* Marval, 1902a, 414, t. h. *Rhex americana*; Coll. Wolfth.—1902: Echinor.
- rhex-americana* M. C. V. in Mol., 1860b, 929.—1860: Spiropt. [1860: S. uncinipenis.]
- rhinarina* Pilger, 1803, 1284.—1803: Tenia. 1805: Cochlus. 1840: Prionoderma. [Linguatula.]
- rhizophilus* Man, 1880a, 52, in soil; Holland.—1880: Plectus.
- rhodesi* Rail. & Henry, 1910, 214, for *rhodesii*, t. h. *Bos taurus*: by Rhodes.—1910: Thelazia, type.
- rhodesii* Desmarests, 1828a, 79, t. h. *Bos taurus*: by Rhodes.—[1819: Thelazia, mt.] 1828: Thelazius. 1828: Thelazia.
- rhodii* Gurlt, 1831a, 347, for *rhodesii* (Thelazia).
- rhombi* Gmel., 1790a, 3036, t. h. *Pleuronectes rhombus*: teste Müell.—1790: Asc. 1803: Fus. [1809: A. acuta.]
- rhombi-boscii* Dies., 1851a, 119, t. h. *Rhombus boscii*: Nap.—1851: Agamonema.
- rhopalocercus* Man, 1876a (b), 99 (22); Leiden.—1876: Dorylaimus.
- rhopalocynchus* Dies., 1851a, 46, t. h. *Champsia sclerops*, etc.: Brazil.—1851: Echinor. 1908: Gigantor.
- rhytidodes* Mont., 1905d, 1, t. h. *Solea impar*; Nap.—1905: Echinor.
- rhytinx* Dies., 1851a, 190, t. h. *Rytina stelleri*; by Brandt.—1851: Asc.
- rhytinx-stelleri* Dies., 1851a, 190.—1851: Asc.
- rhytipteuris* Seur., 1911, 66 (1), for *rytipteurites* (Fil.).
- rhytipteurites* Linst., 1889a, 105, for *rytipteurites* (Fil.).
- richtersi* Jägers., 1905, 557, in einem Stüeckchen Cotula-Rasen von Kerguelen; Schwarzwald, etc.—1905: Bunonema, mt.
- richtersi* Steiner, 1914, 269; Switz.—1914: Aphelenchus.
- richtersi aberrans* Steiner, 1914, 266; Switz.—1914: Bunonema.
- ricinoides* Rud., 1809a, 253, t. h. *Upupa epops*: by Rud.—1809: Echinor.
- rigida* Rud., 1809a, 181, t. h. *Lophius piscatorius*: teste Müell.—1809: Asc.
- rigida* Schneid., 1866a, 16f, in moist soil and decaying substances.—1866: Leptodera. 1876: Anguillula. 1880: Cephalobus. 1866: Pelodera.
- rigida* Sieb., 1826c, 33, t. h. *Aphodius fumentarius*: by Sieb.—1836: Fil. 1891: Allantonema. 1892: Brady-nema, mt.
- rigidulum* Duj., 1845a, 15, t. h. *Accentor modularis*: Rennes.—1845: Trichosoma. 1915: Cap. (Cap.).
- rigidus* Baird, 1853a, 35; Ing.—1853: Mermis.
- rigidus* Leidy, 1850e, 102, t. h. *Passalus cornutus*: by Leidy.—1850: Hystrignathus, mt. 1861: Anguillula (Hystrignathus).
- rima* Linst., 1906, 252, t. h. *Otis haubara*: Zool. Mus. Königsb.—1906: Het. 1913: Subulura.
- rimula* Linst., 1903k, 110, t. h. *Centropus sinensis*: Siam.—1903: Het. 1913: Subulura.
- ritemabosi* Schwartz, 1911, 35, in *Chrysanthemum* leaves—1911: Aphelenchus.
- rivalis* Büetsch., 1873a, 48, on stones: Main River.—1873: Aphelenchus.
- rivalis* Duj., 1845a, 235, aquatic; Seine, Blagnac, Vilaine.—1845: Enoplus. 1865: Plectus.
- rivalis* Fabr., 1780a, 278.—1780: Lumbricus.
- rivalis* Leyd., 1854a, 291, aquatic; Main.—1854: Oncholaimus. 1873: Diplogaster.
- rivicola* Corti, 1902a, 105, t. h. *Chironomus venustus*: near Pavia.—1902: Hydromermis, mt.
- rivularis* Bast., 1865c, 97, sandy mud; Falmouth.—1865: Monhystera.
- robusta* Bast., 1865c, 166, marine surfice mud; Falmouth.—1865: Spiliphora. 1874: Spilophora. [1886 and] 1907: Halichoanolaimus, tod.
- robusta* Ben., 1871a, 18, t. h. *Raia circularis*, *R. clavata*; Belgium.—1871: Coronilla, ? type. 1903: Spiropterina. 1916: Proleptus.
- robusta* Drasche, 1884b, 327, t. h. *Testudo graeca*: Trieste or Mus. Wien.—1884: Oxyuris.
- robusta* Leidy, 1856b, 58, t. h. *Lycosa scutulata*, L. sp.; N. J. & Penn.—1856: Mermis.
- robustum* Giles, 1892b, 25, t. h. *Equus mulus*; India. 1892: Sclerost. [1900: Triodontus. 1902: Oesophagodontus, tod.] 1909: Oesophagodontus, tod.
- robustum* Leidy, 1850c, 101, t. h. larva of lamellicorn insect; by Leidy.—1850: Thelastoma. 1853: Thelastomum. 1861: Anguillula (Thelastoma).
- robustus* Dies., 1838a, 189, nomen nudum; 1839a, 222, t. h. *Felis concolor*; Brazil.—1838, 1839: Cheiracanthus, tsd. 1885: Gnathost.
- robustus* Man, 1876a (b), 94 (17); Leiden.—1876: Dorylaimus.
- robustus* Man, 1876a, 124, free; Leiden.—1876: Tylenchus.
- robustus* Maupas, 1900a, 541, in terreau noir; Alger.—1900: Diplogaster.

- robustus* Leidy, 1851c (1904a), 263 (65), in grasshopper; N. J.—1851: Gord. 1898: Gord. aquaticus.
- robustus* Van Cleave, 1916, 227, t. h. *Icteria virens*; Wash., D. C.—1916: Medior.
- roccatus* Cam., 1912, 215; W. Himalayas.—1912: Parachord.
- rodentorum* Hall, 1916a, 116, t. h. *Thomomys* fossor; Colo. 1916: Ransomus, tod.
- roemerii* Linst., 1905t, 356, t. h. *Macropus antilopinus*; Australia.—1905: Fil.
- romanorum* Verdun, 1907a, 416, for *r. orientalis*.—1907: Fil. 1911: Microfil.
- romanorum orientalis* Sarcani, 1888a, 222, t. h. *Homo*; Vartina, Roumania.—1888: Fil.
- rosæ* Cam., 1886a, 170; Vallone della Veggia, Biellese.—1886: Gord.
- rosai* Porta, 1910, 700, t. h. *Erinaceus europæus*; Firenze.—1910: Echinor.
- rosarii* Connal, 1912, 233, t. h. *Nycticorax* sp.; Lagos.—1912: Asc.
- roscidus* Rail. in Brumpt, 1911, 907, t. h. *ceri*; France.—1911: Nematodirus.
- roscovianum* Villot, 1875a, 458; Roscoff.—1875: Leptosomatum.
- rosea* Hagmeir, 1912, 587; Neuhofen.—1912: Paramermis.
- rosea* Koell., 1845b, 88, marine; Messina.—1845: Lineola. 1865: Phanoglene.
- rosenau* McCoy, 1911, 220, t. h. *Citellus beecheyi*; California.—1911: Microfil.
- rosens* Ben., 1871a, 46, t. h. *Labrus trimaculatus*; Belgium.—1871: Echinor. [? 1907: Echinosoma.]
- roseus* Leidy, 1851a, 15b, t. h. *Testudo* sp.; Java.—1851: Cucullanus.
- roseus* Mol., 1858 (1859e), 295, t. h. *Cantharus vulg.*; Padua.—1858: Echinor. [? 1907: Echinosoma.]
- rossari* Baylis, 1916, 373, bicolor Baird renamed, t. h. walrus; Brit. Mus.—1916: Asc.
- rossi* Braun, 1908, 305, for *rossii* (Fil.).
- rossicus* Kostylev, 1916, 392, t. h. *corbeau*; Jekaterinoslav.—1916: Prosthoro.
- rossii* Low, 1904a, 2, in monkey; from Uganda.—1904: Fil.
- rostrata* Stoss., 1897a, 2, t. h. *Sciaena aquila*; Fiume.—1897: Asc.
- rostratus* Fuhrm. in Wolth., 1900a, 10, t. h. *Corvus corone*, *C. frugilegus*; Germany; [nomen nudum except for hosts].—1900: Echinor.
- rostratus* Scortegagna, 1848a, 245, t. h. *Homo*; Italy.—1848: Asc. lumbricoides.
- roszkowskii* Stefanski, 1915, figs. 2a-b; Czarna River, Pologne.—1915: Diplogaster.
- rothschildi* Seur., 1915, 8, t. h. *Elephantulus deserti*; Biskra.—1915: Spirura.
- rotunda* Mol., 1861c, 280 (93).—1861: Asc.
- rotunda* Pline [nv.].—1888: Tinea.
- rotundata* Linst., 1883a, 283, t. h. *Otis macquini*; Turkestan?—1883: Fil. [1906: Physalopt.] 1914: Habronema. 1915: Hartertia.
- rotundata* Linst., 1883a, 301; apparently Turkestan.—1883: Mermis.
- rotundata* Linst., 1906, 249, t. h. *Otis houbara*; Koenigsb.—1906: Physalopt. [1914: Habronema.]
- rotundata* Mol., 1859h, 27, t. h. *Cantharus vulg.*; Padua.—1859: Dacnitis. 1887: Het.
- rotundata* Rud., 1819a, 39, t. h. *Squalus galeus*, *S. glaucus*; Rimini, Mus. Wien.—1819: Asc.
- rotundate* Skrij., 1917, 305 for *rotundatum*, 1903 (Aprocta).
- rotundatum* Linst., 1906, 256, t. h. *Bufo viridis*; Korfu.—1906: Angiost.
- rotundatum* Linst., 1883a, 291, in fish.—1883: Agamonema.
- rotundatum* Linst., 1903k, 117, t. h. *Centropus sinensis*; Siam.—1903: Lissonema, mt. 1910: Aprocta.
- rotundatus* Linst., 1897i, 33, t. h. *Centropus madagascariensis*; Madagascar.—1897: Echinor.
- rotundatus* Linst., 1907, 256, t. h. *Lanius minor*; Turkestan.—1907: Disph. 1912: Acuarria (Cheilospirura).
- rotundatus* Linst., 1908, 23, t. h. *Pseulaspis cana*; Kooa, Kalahari, Africa.—1908: Kalic.
- rotundicauda* Linst., 1902a, 222, t. h. *Garrulus glandarius*; Dublany.—1902: Fil.
- rotundicauda* Man, 1880a, 100, in sand; Holland.—1880: Dorylaimus.
- rotundicaudata* Linst., 1904f, 2, t. h. *Calotes ophiomachus*; Colombo.—1904: Asc.
- rotundo-capitatus* Johnst., 1912, 83, t. h. *Pseudechis porphyriacus*; N. S. W.—1912: Echinor.
- rotundus* Caelius Aurelianus [nv.]; Rauh, 1779a, 10; R. Bl., 1888a, 661.—1779: Lumbricus.
- rubrifuscus* Cam., 1897g, 398 (60), for *subbifurcus* Sieb. (Gord.).
- rubella* Rud., 1819a, 5, t. h. *Rana escul.*, *R. temp.*; Berl.—1819: Fil.
- rubella* Mehl. in Crep., 1846a, 135, t. h. *Ciconia nigra*.—1846: Spiropt.
- ruber* Collet, 1886a, 258, t. h. *Balenopt. borealis*; Vardö.—1886: Echinor.
- rubetre* Rud., 1819a, 77, t. h. *Motacilla rubetra*.—1819: Echinor.
- rubicanda* Schneid., 1866a, 31, misprint for *rubicunda* (Asc.).
- rubicunda* Schneid., 1866a, 35, t. h. *Python molurus*; Zool. Gard., Berl., from ? Bengal.—1866: Asc. [Polydelphis].
- rubicundus* Mol., 1859h, 14, t. h. *Platessa passer*; Padua.—1859: Echinor.

- rubidus* Hass. & Stiles, 1892a, 207, t. h. *Sus scrofa* dom.; Wash., D. C.—1892: Str. 1912: *Hæmonchus*.
- rubra* Bosc, 1802a, 45, t. h. *Gadus barbatus*; Müell., pl. 3 figs. 1-3.—1802: Proboscidea.
- rubra* Leidy, 1856b, 56, t. h. *Labrax lineatus*; [U. S. A.].—1856: Fil. 1861: *Dicheilonema*.
- rubra* Müell., 1774a, 36, free; Norway & Eng.—1774: Asc.
- rubrovenosa* Schneid., 1866a, 318, t. h. *Bufo cinereus*; by Schneid.—1866: *Leptodera*. 1880: *Rhabditis*. 1885: *Angiost*.
- rubrum* Lint., 1892i, 705, t. h. *Spizella socialis*; Albany, N. Y.—1892: *Trichosoma*. 1915: Cap.
- rubrum* Theobald, 1898a, 21, t. h. *Equus cab.*—1898: *Sclerost*.
- rude* Rud., 1810a, 258, t. h. *Homo*; teste Sultz. [1809: *Ditrachycerosoma*, mt.] 1810: *Diceras*, mt. 1810: *Ditrachyceras*, mt. [1810: *Dirhynchus*, mt.] 1816: *Ditrachyceros*, mt.
- rudicaulus* Rail. & Henry, 1909a, 86, t. h. *Lagost. trichodactylus*; Argentine.—1909: *Graphidium*.
- rudolphi* Braun, 1906a, 452, apparently for *Oxyuris* Rud.—1906: *Oxyuris*.
- rudolphi* Chiaje, 1825a, 7, t. h. *Homo*.—1825: *Spiropt*.
- rudolphiana* Chiaje, 1825a, 7, for *rudolphi* (Spiropt.).
- rudolphii* Dies., 1851a, 223, for *rudolphi* Chiaje (Spiropt.).
- rufescens* Leuck., 1865a, 227, t. h. *Ovis aries*; Germany.—1865: Str. 1907: *Synthetocaulus*. 1910: *Sclerost*. 1912: *Synthetocaulus*. 1912: *Metastr*. 1913: Str. (*Synthetocaulus*). 1916 *Dictyocaulus*.
- rugosa* Mol., 1858d, 146, t. h. *Strix bubo*; Padua.—1858: Asc.
- rugosus* Fabr., 1794, 39, *annulatus* s. *rugosus*.—1794: *Echinor*.
- rugula* Müell., 1786, 44.—1786: *Vibrio*. [1826: *Melanella flexuosa*.]
- rugulosus* Risso, 1826a (b), 260, in water; Alpes Maritimes.—1826: Gord.
- ruricola* Man, 1880a, 18, in moist soil; Holland.—1880: *Cyatholaimus*.
- rustica* Bütsch., 1873a, 64, on roots of plantago, in moss; Germany.—1873: *Monhystera*.
- rusticum* Micol., 1915 [nv.].—1915: *Criconema*. 1917: *Hoplolaimus*.
- rutheni* Westrumb, 1821a, 17, for *accipenseris-rutheni* 1819 (*Echinor*.).
- rutili* Müell., 1780, 2 [nv.]; 1784a, 61, *Leuciscus rutilus*.—1780 or 1784: *Echinor*. 1802: *Echinorynchus*. 1905: *Neor*. 1914: *Eor*, type.
- rutili* Zed., 1803a, 163, t. h. *Cyprinus rutilus*.—1803: *Echinor*.
- ruwenzorii* Par., 1907a, 4, t. h. *Arvicanthus abyssinicus*, *Mus ugandæ*; Africa.—1917: *Physalopt*.
- rythidodes* Mont., 1905d, 10, for *rhytidodes* (*Echinor*.).
- rytinæ* Dies., 1851a, 190, t. h. *Rytina stelleri*; Bering Sea.—1851: Asc.
- rytipleures* Sevr., 1911, 66, for *rytipleurites* (Fil.).
- rytipleurites* Deslgch., 1824p, 396, t. h. *Blatta orientalis*; Ing.—1824: Fil. 1916: *Spirura*.
- sabelloides* Bast., 1865c, 169, marine surface mud; Falmouth.—1865: *Chromadora*.
- saculosus* Southern, 1914a, 31; Blacksod Bay.—1914: *Diodontolaimus*, mt.
- sacchari* Soltwedl, 1881, 143 or 147 [nv.].—1811: *Tylenchus*.
- sagæ-natoliæ* Dies., 1851a, 96, t. h. *Saga natoliæ*; Europe.—1851: Fil. 1851: Gord.
- sagax* zur Strassen, 1904a, 302, free; Nap.—1904: *Anthraconema*.
- saginata* Rud., 1819a, 647, t. h. *Strix*; Brazil.—1819: *Physalopt*. 1845: *Spiropt*.
- sagitta* Linst., 1907, 257, t. h. *Tragelaphus scriptus*; Kamerun.—1907: Fil.
- sagitta* Müell., 1786, 59.—1786: *Vibrio*. [1838: ?*Euglena*.]
- sagittam* Olfers, 1816a, 64, cf. *sagittata*, in *Ardea nigra*.—1816: Asc.
- sagittata* Rud., 1809a, 189, t. h. *Ardea nigra*; by Braun.—1809: Asc.
- sagittatus* Müell., 1890c, 58, t. h. *Cervus elaphus*; Austria.—1890: Str. 1907: *Synthetocaulus*.
- sagitticollis* Schlotthauber, 1860a, 125, t. h. *Scolopax gallinago*; by Schlotth.—1860: Disph.
- sagittifer* Linst., 1889a, 496, t. h. *Cynoscion regalis*, etc.; Woods Hole. 1889: *Echinor*. 1912: *Echinogaster*.
- salamandra* Schrank, 1790a, 122, t. h. *Salamandra maculosa*; teste Schrank.—1790: Asc. 1803: Fus. [1809: Asc. *salamandra-terrestris*. 1851: Asc. *acuminata*.]
- salamandræ-teniatæ* Gravenhorst, 1807, 14.—1807: Asc.
- salamandra-terrestris* Rud., 1809a, 167, t. h. *Salamandra maculosa*; by Schrank.—1809: Asc.
- salaris* Gmel., 1790a, 3052.—1790: *Cucullanus lacustris*. 1790: *Capsularia*, type. 1802: *Cucullanus*. 1849: Asc.
- salisburyi* Dolley, 1894a, 994, for *salisburyii* (Fil.).
- salisburyii* Cobbold, 1879b, 188, *Trichina cystica* 1868, renamed.—1879: Fil.

- salmonicola* Ishii, 1916, 125, t. h. a salmoid fish; Japan.—1916: *Ancyracanthus*.
salmonis M. C. V. in Mol., 1860b, 931, 23, t. h. *Brycon falcatus*; Brazil.—1860: *Spiropt*.
salmonis Müell., 1784a, 83, t. h. *Salmo salar*; by Müell.—1784: *Echinor*.
salmonis-eperlani Rud., 1810a, 281, t. h. *Salmo eperlanius*.—1810: *Vermis (dubius)*.
 1819: *Dubium*. 1851: *Nematoideum*.
salmonis-lavareti Rud., 1810a, 281, quotes Fabr.—1810: *Vermis (dubius)*.
salmonis-omul Rud., 1819a, 59, t. h. *Salmo omul*; Pall., 1813, 409.—1819: *Asc*.
salmonis-salaris Rud., 1810a, 280, quotes Braun.—1810: *Vermis (dubius)*.
salmonis-spirinchi Rud., 1819a, 196, 799, t. h. *Salmo spirinchus*.—1819: *Dubium*.
 1851: *Nematoideum*.
salmonum Rud., 1819a, 80, t. h. *Salmo fario*, etc.; C. E. V.—1819: *Echinor*.
salsa Bast., 1865c, 116, in brackish water; Falmouth.—1865: *Tripyla*.
salvadorii Cam., 1895a, 3; Coll. Leyden.—1895: *Gord*.
salvelini Schrank, 1788a, 24, t. h. *Salmlingen*.—1788: *Echinor*.
salvini Baird, 1860, 446, t. h. *Oreophasis derbianus*; Guatemala.—1860: *Asc*.
sambucci Mathis & Léger, 1911, 409, t. h. *Gallus ferrugineus*; Tonkin.—1911: *Microfil*.
samoensis Linst., 1906, 244; Samoa.—1906: *Gord*.
sangeri Cobbold, 1879b, 399, t. h. *Elephas indicus*; Eng.—1879: *Doch*. 1897: *Unc*.
 1909: *Bathmost. tod*.
sanguigna Oreste, [nv.]; Toce, 1863a [nv.]; Par. 1894a, 587.—1894: *Spiropt*.
sanguilenta Porta, 1902a, 1, for *sanguinolenta* (*Spiropt*.).
sanguinea Rud., 1819a, 5, t. h. *Cyprinus gibelio*; Berl.—1819: *Fil*. 1865: *Ichthyonema*.
sanguinea Southern, 1914a, 27; Clew Bay.—1914: *Desmodora*.
sanguineus in *rene canis* Hartm., 1705a, 149, i. e. *Diocotophyme renale*; Dies., 1851a, 327.—1705: *Lumbricus*. 1851: *Lumbricus*.
sanguinis Ben., 1878a, 276, for *sanguinis hominis*, t. h. *Homo*.—1878: *Fil*. 1898: *Tilaria*.
sanguinis Cobbold, 1869a, 48, 62, t. h. *Canis fam.*.—1869: *Fil*.
sanguinis Dies., 1861a, 725, t. h. *Mustelus lævis*; Sardinia.—1861: *Nematodum squalorum*.
sanguinis Erc., 1875e, 37, in dog; Bologna.—1875: *Spiropt*. [1875: *F. immitis*.]
sanguinis in various animals.—*Fil*.
sanguinis Ijima, 1889b, 350, for *sanguinis hominis*.—1889: *Fil. hominis*.
sanguinis, see *hominis sanguinis (Fil.)*.
sanguinis Mans. 1892b, 79, for *sanguinis hominis*.—1892: *Fil*. [See *sanguinis* Ben.]
sanguinis ægyptiaca (Sons., 1875) Brumpt, 1910a, 901.—1910: *Fil*.
sanguinis ægyptiaca nocturna (Mans., 1891) Brumpt, 1910a, 901.—1891: *Fil*.
sanguinis canis Pease, 1901c, 136, t. h. dog; India.—901: *Fil*.
sanguinis coracis Braun, 1883a, 183.—1883: *Fil*.
sanguinis corvi Sons., 1896m, 448, t. h. *Corvus cornix*; Egypt.—1896: *Fil*.
sanguinis diurna (Mans., 1891) Linst., 1900c, 76.—1891: *Fil*.
sanguinis equi Martini, 1903e, 351, t. h. Barbapony; Berl., from Togo.—1908: *Fil*.
sanguinis equi Sons., 1876 [nv.], t. h. *Equus cab.*; Egypt.—1876: *Fil*. 1911: *Microfil*.
sanguinis equi africani Martini, 1903s, 351, t. h. Barbapony; from Togo: Berl. Zool. Gard.—1903: *Fil*.
sanguinis hominis Lancet, Lond., 1872, 310, based on Lewis, t. h. *Homo*; Calcutta.—1872: *Fil*. 1877: *Filariu*. 1884: *Filoria*.
sanguinis hominis of Magal., 1892h, 513, see *magalhæsi*.—1892: *Fil*.
sanguinis hominis ægyptiaca Sons., 1874 or 1875 [nv.]; in Fayrer, 1876, 284, t. h. *Homo*; Egypt.—1874, 1875 or 1876: *Fil*.
sanguinis hominis bancrofti Author?; Stiles, 1907b, 44.—1907: *Fil*.
sanguinis hominis diurna Mans., 1891e, 342, t. h. *Homo*; W. Coast of Africa.—1891: *Fil*.
sanguinis hominis ægyptiaca Fayrer, 1876, 552; 1879b, 189; for *F. s. h. ægyptiaca*.—1876: *Fil*.
sanguinis hominis major Mans., 1891b, 4, t. h. *Homo*; Congo.—1891: *Fil*.
sanguinis hominis minor Mans., 1891b, 4, t. h. *Homo*; Congo.—1891: *Fil*.
sanguinis hominis nocturna Mans., 1891f, 734, t. h. *Homo*.—1891: *Fil*. 1896: *Trichina*.
sanguinis hominis nocturna Henry, 1896g, 667, t. h. *Homo*; for *s. h. nocturna (Fil.)*.
sanguinis hominis nocturnis Johnstone, 1903a, 34, t. h. *Homo*; for *s. h. nocturna (Fil.)*.
sanguinis hominis oris (Leidy, 1850f) Cast. & Chalm., 1913, 524, lapsus for *hominis oris (Fil.)*.
sanguinis hominis perstans Mans., 1891f, 734, t. h. *Homo*; W. Coast of Africa.—1891: *Fil*.
sanguinis hominum Hall, 1885a, 40, for *sanguinis hominis (Fil.)*.
sanguinis hominum ægyptiaca Fayrer, 1876, 552 for *F. s. hominis ægyptiaca*.—1876: *Fil*.
sanguinis humani La Clínica de Málaga, 1883, 309, for *sanguinis hominis (Fil.)*.
sanguinis immitis (Leidy, 1858) Vet. J., 1886, 230.—1858: *Fil*.
sanguinis nocturna (Mans., 1891) Daniels, 1904, 16.—1904: *Fil. hosminis*.

- sanguinis nocturna* (Mans., 1891) Vichery, 1901, 206.—1901: Fil.
sanguinis perstans (Mans., 1891) Fagge & Pye-Smith, 1902, 474.—1902: Fil.
sanguinolenta Brit. M. J., teste Cobbold 1878c 366, in Homo.—1878: Fil.
sanguinolenta Rud., 1819a, 27, t. h. *Canis lupus*; Berl.—1819: Spiropt. 1866: Fil.
 1912: Spürura. [1911: Spirocera, tod.] 1913: Spirocera.
sanguinolentum Linst., 1880a, 46, t. h. *Strix flammea*; by Linst.—1880: Angiost.
sanguis hominis (Lancet, 1872) Gwynn, 1889a, 43, for *sanguinis hominis* (Fil.).
sanguinea Krøyer., 1846–53a, 320, for *sanguinea* (Fil.).
saracuræ M. C. V. in Mol., 1860b, 942.—1860: Spiropt.
sarasinorum Meyer, 1896b, 62, t. h. *Stenops gracilis*; Ceylon.—1896: Fil. 1914: Subulura.
saturnia Dies., 1851a, 136, t. h. *Saturnia pyri*; Dugès, 1826.—1851: Vibrio. 1851: Fil. 1851: Anguillula.
saturnia-pyri Dies., 1851a, 102, t. h. *Saturnia pyri*; by Parreyss.—1851: Fil. 1851: Gord.
satyri Chatin, 1877, 387, t. h. Orang-Outang; Mus. Par., from Borneo.—1877: Asc.
sauri Rud., 1819a, 59, t. h. *Osmerus saurus*; Nap.—1819: Asc.
scaldensis Man, 1889b, 9; Zealand.—1889: Desmodora.
scalops-canadensis Leidy, 1851a, 156, t. h. *Scalops canadensis*; lng. [U. S. A.]—1851: Spiropt.
scalprum Linst., [1907: 258, nomen nudum]; 1908, 26, t. h. *Raphicercus campestris*; Africa.—1907: Fil. 1908: Fil. 1911: Setaria.
scandens Schneid., 1866a, 162, s. tritici, t. h. *Triticum vulg.*; Europe.—1866: Anguillula. 1867: Tylenchus. 1909: Tylenchus.
scapiceps Leidy, 1886e, 308, t. h. *Lepus sylvaticus*; U. S. A.—1886: Fil.
scarabæi Bosc, 1802a, 49, t. h. *scarabe des bouses*.—1802: Fil.
schachtii Pratt, 1916a, 217, for *schachtii* (Heterodera).
schachtii Schmidt, 1871a, 1, in sugar beets; Germany.—1871: Heterodera, mt. 1880: Tylenchus. [1896: Heterobolbus, type.]
schebeni Linst., 1909, 448, t. h. *Cynictis penicillata*; German S. W. Africa.—1909: Het. 1913: Subulura.
schizorhinos Ringenbach, 1914, 298, t. h. *Schizorchis* [*Schizorhinos*?] *cristata*; Congo.—1914: Microfil.
schmidtii Hall, 1916a, 33, for *schmidtii* (Cap.).
schmidtii Linst., 1874c, 283, t. h. *Mus decumanus*.—1874: Trichosoma. 1915: Cap. (Cap.).
schneideri Büetsch., 1873a, 116, in faulenden Pilzen; by Büetsch.—1873: Rhabditis.
schneideri Büetsch., 1874b, 278; Austernbanke bei Sylt.—1874: Thoracost.
schneideri Man, 1880a, 48, in moist soil.—1880: Plectus.
schneideri Stoss., 1897b, 34, t. h. *Falco subbuteo*; Berl.—1897: Fil.
schneideri Villot, 1875a, 464; Roscoff.—1875: Spira.
schneideri Villot, 1875a, 466; Kiel.—1875: Leptosomatum.
schyplei Skrz., 1916, 535, for *shiplei* (Gnathost.).
sciænæ Rud., 1819a, 58, t. h. *Sciæna umbra*; Spezia.—1819: Asc.
sciænæ Rud., 1819a, 80, t. h. *Sciæna aquila*; Nap.—1819: Echinor.
sciæna-umbra Rud., 1819a, 194, t. h. *Sciæna umbra*; Nap.—1819: Dubium.
scillicola Ben., 1871a, 6, t. h. *Mustelus vulg.*; Belgium.—1871: Corónilla. 1901: Spiroptera.
sciuri Hall, 1916a, 66, t. h. *Sciurus atrodorsalis*; Kokarit.—1916: Oxyuris.
sciuri Linst., 1903k, 116, t. h. *Sciurus caniceps*; Aring. Kelautan. Siam.—1903: Fil.
sciuri M. C. V. in Mol., 1858c, 381, t. h. *Sciurus igniventris*; Marabitanas.—1858: Fil. [1858: F. pistillaris.]
sciuri Par., 1898a(b), 118(17), t. h. *Sciurus melanogaster*; Mentawai Isl. 1898: Physalopt.
scraprum Linst., 1907, 267, misprint for *scalprum* (Fil.).
sclerostomum Mol., 1861a(b), 566(142), t. h. *Ciconia nigra*; teste Crep.—1861: Syngamus.
scolceiformis Dies., 1851a, 208, t. h. *Dasyus uncinatus*, etc.; Brazil.—1851: Aspidoc., mt. 1912: Aspidodera, tod.
scolopacids Kostylev, 1916, 390, t. h. *Scolopax* sp.; lac Sankoul. Fichpek.—1916: Prosthor.
scolopacis Mol., 1860b, 985, t. h. *Scolopax limosa*; M. C. V.—1860: Spiropt.
scomberi Viborg, 1795, 243 [nv.]; Rud., 1809a, 312; t. h. *Scomber*.—1795: Echinor.
scomberi-colias Rud., 1819a, 195, t. h. *Scomber colias*; Nap.—1819: Dubium.
scomberi-sardæ Rud., 1819a, 195, t. h. *Scomber sarda*; Nap.—1819: Dubium.
scomberi-scomberi Rud., 1819a, 195, t. h. *Scomber scomber*; Nap.—1819: Dubium.

- scombrorum* Dies., 1851a, 121, t. h. *Pelamys sarda*, *Scomber colias*; Nap.—1851: Agamonema.
- scombrorum* Stoss., 1892, 71, t. h. *Scomber colias*; Trieste.—1892: Asc.
- scopis* Gmel., 1790a, 3045, t. h. *Strix scopis*; Goeze, 1782a.—1790: Echinor.
- scorpenæ* Rud., 1819a, 57, t. h. *Scorpena scrofa*; Rimini.—1819: Asc.
- scorpenæ* Rud., 1819a, 79, t. h. *Scorpena scrofa*; C. E. V.—1819: Echinor.
- scorpena-cirrhoræ* Dies., 1851a, 120, t. h. *Scorpena cirrhosa*; Rimini.—1851: Agamonema. 1896: Asc. 1887: Ag. (Asc.).
- scorpena-massiliensis* Rud., 1819a, 193, t. h. *Scorpena massiliensis*.—1819: Dubium.
- scotti* Leiper & Atkinson, 1914, 223, t. h. *Diomedea melanophrys*; Antarctic.—1914: Kathleena.
- [*scudato* Reiner, 1807, pl. 6 [nv.]; Brems., 1819a, 8: Adriatic.—1807: Echinor.]
- scutata* Leuck., 1873b, 556 (144), t. h. *Bos taurus*; Wien.—1873: Fil. 1878: Spiropt. 1892: Gongylonema. 1892: Myzomimus, tod. 1901: Gongylomene. 1910: Misonunus.
- scutata bovis* Zuern, 1882, 249.—1882: Spiropt.
- scutata es fagea bovis* Perronc., 1882a, 331, see *scutata*.—1882: Fil. 1882: Spiropt.
- scutata æsophagea bovis* Muell., 1869b, 303, t. h. *Bos taurus*; Wien.—1869: Spiropt.
- scutata æsophagea bovis-tauri* see *S. æ. bovis* (Spiropt.).
- scutata æsophagea bovis* Muell., 1869a, 127, for s. o. b.-tauri, t. h. *Bos taurus*; by Muell.—1869: Spiropt. 1894: Fil.
- scutata oesophagea* Skrzj., 1909, 815, for *scutata* (Spiropt.).
- scutata æsophagea bovis-tauri* Muell., 1869a, 129, for s. o. bovis (Spiropt.).
- scutata æsophagi bovis* Fiebiger, 1912, 239, for s. æsophagea b. (Spiropt.).
- segni-giacialis* Dies., 1861a, 725, t. h. *Laemargus borealis*; Ostendæ, teste Ben.—1861: Nematodum. 1878: Nematodeum.
- secalis* Nitschke, 1868, 901, in plants.—1868: Anguillula. 1880: Tylenchus.
- secretoria* Linst., 1906, 166, t. h. *Plotus melanogaster*; Wirawila.—1906: Spiropt.
- sedecim* Schrank, 1790a, 120, t. h. *Perca vulg.*; teste Schrank.—1790: Asc. 1803: Fus.
- sedecimradiatus* Linst., 1899b, 19, t. h. *Cavia paca*; Ypanema, Brazil.—1899: Str.
- sedecimradiatus* Trav., 1914, 326(6), misprint for *sedecimradiatus* (Str.).
- segmentatus* Marval, 1902a, 423, t. h. *Numida ptilor.*; Coll. Par.—1902: Echinor.
- seguini* Mathis & Léger, 1909, 407, t. h. poule; Hanoi.—1909: Microfil. 1912: Fil.
- seguinis* Forssell, 1901, 175, t. h. *Phoca foetida*.—1904: Echinor. 1911: Corynosoma.
- semiarmatum* Mol., 1861a, 442 (18), t. h. *Canis vulpes*; Greifsw., M. C. V.—1861: Crenosoma.
- semicircularis* Mol., 1861ab, 469(45), t. h. *Dicotyles torquatus*; Caçaro, M. C. V.—1861: Monodontus, tsd. 1897: Unc. 1910: Eumonodontus, tod.
- semilanceolata* Mol., 1858d, 144, t. h. *Mus musculus*; Padua.—1858: Oxyuris.
- semilanceolata* Mol., 1860d, 659, t. h. *Nasua narica*; Brazil.—1850: Physalopt.
- semilunaris* Linst., 1906, 94, in pond; Korea.—1906: Gord.
- semilunaris* Mol., 1860b, 936, t. h. *Trogon collaris*, *T. melanurus*; Brazil.—1860: Spiropt. 1914: Cyrynea.
- semimembranosa* Schneid., 1866a, 83.—1866: Fil.
- semipenetrans* Cobb, 1913, 287, on citrus roots; Cal.—1913: Tylenchulus, tod.
- semileres* Zed., 1800a, 21, t. h. *Tringa vanellus*; by Rud.—1800: Fus. 1802: Asc.
- semileres* Zed., 1803a, 61, t. h. *Gallus dom.*; Ing.—1803: Cap.
- senari* Linst., 1898a, 471(115), t. h. *Perameles obesula*; Australia.—1898: Echinor. (Gigantor.).
- sentens* Cobb, 1914, 97(63), sand bar; Plummer's Isl., Potomac River.—1914: Monhystera.
- septangularis* Linst., 1903u, 271, t. h. *Aquila nobilis*; Petrograd Mus.—1903: Asc.
- septentrionalis* Cobb, 1914, 8, Bay; Cape Royds.—1914: Euchromadora.
- septentrionalis* Cobb, 1914, 8, Bay; Cape Royds.—1914: Laxus.
- septentrionalis* Cobb, 1914, 8; Cape Royds.—1914: Spira.
- septentrionalis* Cobb, 1914, 8; Cape Royds.—1914: Monhystera.
- sergenti* Mathis & Léger, 1909, 179, t. h. *Nycticebus tardigradus*; Hanoi.—1909: Fil.
- sergenti* Maupas, 1916, 612, in soil; Alger.—1916: Rhabditis.
- serialis* Baylis, 1916, 289, under stones; Falkland Is.—1916: Stenolaimus.
- serotina* Mol., 1858c, 374, t. h. *Lichenops perspicillata*; Brazil.—1858: Fil.
- serpens* Muell., 1786a, 48.—1786: Vibrio. [1838: Spirulina (Oscillatoria).]
- serpenticola* Linst., 1904u, 678, t. h. *Heterodon platyrhinus*; N. America.—1900: Angiost.
- serpenticola* Linst., 1907, 83, t. h. *Psammodynastes pulverulentus*; Java.—1907: Echinor.
- serpentiniformis* A., D., & E., 1901b, 39, t. h. *Cinnyris fuliginosa*; Nigeria.—1901: Fil.
- serpentinus* Dies., 1851a, 221, t. h. *Falco rufipes*, etc.; Brazil. 1851: Spiropt. 1910: Pelecitus.

- serpentulus* Man, 1907, 87; Zealand.—1907: *Desmodora*.
serpentulus Muell., 1773b, 42, in infusione vegetabili: quotes Hill, etc.—1773: *Vibrio*.
 1828: *Amblyura*, probably type.
serpentulus Rud., 1809a, 191, t. h. *Ardea cinerea*; by Braun.—1809: *Asc*.
serpentinum Gmel., 1790a, 3064, in serpentibus; based on Redi.—1790: *Taenia*. 1803:
Cysticercus. 1810: *Vermis* (dubius). 1819: *Dubium*. 1851: *Nematoideum*.
serpicula Mol., 1858c, 385, t. h. *Phyllost. brevicaudum*, etc.; Brazil.—1858: *Fil*.
 1861: *Solenonema*.
serrani Lint., 1901b, 409, t. h. *Centropistes striatus*; Woods Hole.—1901: *Echinor*.
serrani-cabrillae Dies., 1851a, 120, t. h. *Serranus cabrilla*; Nap.—1851: *Agamonema*.
serrata Cobb, 1914, 8, Bay; Cape Royds.—1914: *Spilophora*.
serrata Drasche, 1884a, 116, t. h. *Vastres cuvieri*; Mus. Wien.—1884: *Asc*.
serrata Linst., 1907, 254, t. h. *Anthropopithecus tschego*, *Troglodytes niger*; Kamerun.—1907: *Spiropt*.
serrata Lint., 1901b, 410, t. h. *Phycis tenuis*; off Nantucket.—1901: *Fil*.
serrata Schneid., 1866a, 67, t. h. *Penelope humeralis*; Brazil.—1866: *Het*. 1914:
Ascaridia.
serrata Wright, 1879b, 74, t. h. *Coregonus albus*; by Wright. 1879: *Ancyracanthus*.
 1896: *Asc*. 1916: *Cystidicola*.
serratus Lane, 1916, 97, t. h. *Tryonix gangeticus*; Coll. Southwell.—1916: *Serradac-*
nitis, *tod*.
serratus Linst., 1876a, 3, t. h. *Anser dom.*; Ing.—1876: *Str*.
serratus Linst., 1879b, 334, t. h. *Felis dom.*; Coll. Hering.—1879: *Trichoc*. 1911:
Trichuris.
serratus Looss, 1900c, 191, t. h. *Equus*; Egypt.—1900: *Triodontus*, *tsd*. (1901) 1902:
Triodontophorus, *tsd*. 1903: *Triodontophorus*, *tsd*.
sesquipedalis Linn., 1771b, 543, *Hedemora Svecicae* sub *graminum radicibus*.—1771:
Asc.
seta Goeze in Muell. 1780b, 140, for *seta stricta nigrescens* (Asc.). [1780: *Asc*, *acus*.]
seta Muell., 1774a, 30.—1774: *Gord*.
seta stricta nigrescens Muell., 1780b, 140; in Hechte, etc.—1780: *Asc*.
setatrichta nigrescens Muell., 1780c, 204, see *seta stricta nigrescens*.—1780: *Asc*. [1780:
Gord, *lacustris*.]
setifera Buetsch., 1873a, 51, an der Wurzeln eines Pilzes; Schwanheimer Wald. —1873:
Tripyla.
setifera Cobb, 1898a(b), 312(17).—1898: *Zoniolaimus*, *tsd*.
setiferus Cobb, 1893a, 813(36), in soil; N. S. W. —1893: *Tylenchus*. 1913: *Eutylen-*
chus, *mt*.
setiformis Goeze in Zed., 1800a, 78, t. h. *Rana temp.*; by Goeze.—1800: *Asc*.
setiformis Linst., 1879a, 182, host and loc. unknown.—1879: *Mermis*.
setiger Schneid., 1866a, 179, free; Berl.—1866: *Gord*.
setigera Bast., 1880 (1879), 71, t. h. *Homo*; Eng.—1880: *Pelodera*.
setigerum Villot, 1875a, 466, Med.—1875: *Leptosomatum*.
setosa Buetsch., 1874b, 265, free; Kieler Bucht.—1874: *Monhystera*. 1907: *M*.
 (Theristus).
setosa Buetsch., 1874b, 281; Kieler Bucht.—1874: *Spilophora*.
setosum Linst., 1896a, 5, free; St. Jago Bay, etc.—1896: *Leptosomatum*.
setosum Linst., 1907, 471, free; Scotia Bay, S. Orkneys.—1907: *Thoracost*.
setosus Cobb, 1914, 103 (69), on cranberry farm; Arlington, Va. —1914: *Cephalobus*.
seurati Maupas, 1916, 610, on hyacinth bulb; Alger.—1916: *Rhabditis*.
seurati Skrz., 1917, 463, t. h. *Falco cenchris*; Siberia.—1917: *Habronema*.
seychellensis Potts, 1910, 441, in moss; from Seychelles.—1910: *Rhabditis*.
sevalata Mol., 1860b, 957, t. h. *Dicotyles albirostris*, *Sus scrofa fera*; Brazil. —1860:
Spiropt. 1861: *Physoc*, *mt*. 1891: *Fil*.
sevalata cristata Seur., 1912, 176, t. h. *dromadaire*; Algeria.—1912: *Spiropt*.
shekletoni A., D., & E., 1901b, 38, t. h. *Cypselus affinis*, *Hyphantornis aurantus*;
 Nigeria.—1901: *Fil*.
shekletoni Linst., 1907, 267, for *shekletoni* (Fil.).
shipleyi Cam., 1899, 460, t. h. *Mantis*; Borneo.—1899: *Chord*.
shipleyi Stoss., 1900a, 1, t. h. *Diomedea exulans*; W. Pacific.—1900: *Gnathost*. 1912:
Rictularia. 1916: *Seuratia*, *tod*.
sialidis Linst., 1892a, 329, t. h. *Sialis lutaria*; Ing. —1892: *Mermis*. 1903: *Agamo-*
ermis.
siamensis Cam., 1903, 1; Siam.—1903: *Chord*.
siamensis Levin., 1890a, 323, t. h. *Homo*; Siam. —1890: *Chiracanthus*. 1893: *Gna-*
thost. 1903: *Gnathostome*. 1910: *Cheiranthus*.
siamensis Linst., 1903k, 112, t. h. *Centropus sinensis*; Siam.—1903: *Cheilospirura*.
 1904: *Oxyspirura*.

- siamensis* Linst., 1903k, 113, t. h. *Liolepis bellii*; Siam.—1903: *Oxyuris*.
sieboldii Koell., 1845b, 88, marine; Messina.—1845: *Lineola*. 1865: *Enoplus*.
sieboldii Pag., 1875, 117; Porto-Pi.—1875: *Echinoderes*.
sigmaturus Cobb, 1917n, 436; U. S. A. & Mexico.—1917: *Mononchus* (*Mylonchulus*).
sigmoidea Rail., 1916, 105, for *sygmoidea* (*Spiropt.*).
sigmoides Linst., 1878a, 100, for *sygmoidea* (*Spiropt.*).
silurideus Westrumb, 1821a, 15, t. h. *Oriolus galbula*; Wien.—1821: *Echinor*.
silphæ Gmel., 1790a, 3040, t. h. *Silpha obscura*; Goeze, 1782.—1790: *Fil*.
silphæ-obscura Dies., 1851a, 92, t. h. *Silpha obscura*; by Goeze, 1782a.—1851: *Gord*.
siluri Gmel., 1790a, 3036, t. h. *Silurus glanis*; by Bloch.—1790: *Asc*. 1803: *Fus*.
siluri Linst., 1878b, 239, t. h. *Silurus glanis*; Ing.—1878: *Asc*. [See *glanidis*.]
siluri-glanidis Rud., 1819a, 196, 567, 800, t. h. *Silurus glanis*; Goeze.—1819: *Dubium*.
1851: *Nematoideum*.
siluri-glanidis Linst., 1883a, 279, t. h. *Silurus glanis*; Turkestan.—1883: *Asc*.
silurizæ Man, 1913, 74, in *Bierfilzen*; Schleusingen.—1913: *Anguillula*.
silvestri Cam., 1895a, 7; Japan, Borneo.—1895: *Chord*.
silvestrii Par., 1896b (c), 111 (4), t. h. *Platyrrhæus modiglianii*, *Sphaeropæus hercules*; Sumatra.—1896: *Isacis*. 1916: *Haplacis*, *tod*.
silvestris Man, 1912, 452, in sand in woods; near Breda.—1912: *Dorylaimus*.
simia M. C. V. in Mol., 1858c, 418, t. h. *Cebus trivirgatus*; Matogrosso.—1858: *Fil*.
simiæ Rud., 1819a, 27, t. h. *Simia maimon*; by Albers.—1819: *Spiropt*.
[simiæ Treutler, 1793a, 26, t. h. *Simia pata*; by Treutler.—1793: *Trichoc*.]
simiæ Zed., 1803a, 70, t. h. *Simiæ* pat. et sylvan. intestino cæco; Treutler, 1793a, 30.—1803: *Mastigodes*.
simiæ-angolæ M. C. V. in Mol., 1861a, 450.—1861: *Str. alatus*.
simiæ-belzebul M. C. V. in Mol., 1858c, 418, t. h. *Cebus caraya*; Brazil.—1858: *Fil*.
simiæ-belzebul M. C. V. in Mol., 1861a, 475 (51), t. h. *Mycetes coraya*; Cajaba.—1861: *Str*. [1861: *Diplodon quadridentatum*.]
simiæ-capucina M. C. V. in Mol., 1861a, 502 (78).—1861: *Str*. [1861: *Str. torulosus*.]
simiæ-capucina Viborg, 1795a, 235 [nv.]; Mol., 1858c, 376.—1795: *Fil*. 1858: *Fil*. [1858: *Fil. gracilis*.]
simiæ-leucurina M. C. V. in Mol., 1858c, 380; Brazil.—1858: *Fil*. [1858: *F. nodosa*.]
simiæ-macaco-barriga M. C. V. in Mol., 1858c, 386, t. h. *Cebus lagotherix*; Brazil.—1858: *Fil*. [1858: *F. annulata*, *F. torta*.]
simiæ-mydæ Mol., 1858c, 376, quotes Quensel, 1800, 235.—1858: *Fil*.
[simiæ-patas Treutler, 1793a, 26, in *Simia pata*; by Treutler.—1888: *Trichoc*.]
simiæ-sabææ M. C. V. in Mol., 1861a, 450 (26).—1861: *Str*.
simile Kowal., 1903b (c), 200 (9), t. h. *Turdus pilaris*.—1903: *Trichosoma*. 1915: *Cap. (Cap.)*.
similis Baird, 1853a, 19, t. h. seal; Antarctic.—1853: *Asc*.
similis Büetsch., 1873a, 62; in the Main, etc., Germany.—1873: *Monhystera*.
similis Büetsch., 1876a, 370, in Mist; Ing.—1876: *Diplogaster*.
similis Cobb, 1893a, 818 (41), roots of sugar cane; N. S. W.—1893: *Mononchus*.
similis Cobb, 1893b, 288 (39), on lettuce; Australia.—1893: *Cephalobus*.
similis Cobb, 1893b, 301 (52), about diseased banana plants; Fiji.—1893: *Tylenchus*.
similis n. sp. Cobb, 1917n, 470, about roots of banana plants; from Paris, France.—1917: *Mononchus* (*Mylonchulus*).
similis Gendre, 1909, lxxxii (10), t. h. *Coracias abyssinicus*, etc.; Labé.—1909: *Het*. 1913: *Subulura*.
similis Gendre, 1913, 110 (5), lapsus for *gracilis* (*Acuaria*).
similis Man, 1876a (b), 107 (30), free; Leiden.—1876: *Dorylaimus*.
similis Southern, 1914a, 47; Black-sod Bay, Ballynakill Harbor.—1914: *Oncholaimus*.
similis Trav., 1914, 3, t. h. *Bos taurus*; Brazil.—1914: *Hæmonchus*. 1914: *Hæmonchus*.
simplex Cobb, 1893a, 830 (53), in soil; N. S. W.—1893: *Rhabditis*.
simplex Cobb, 1894c, 391, coral bank; Bay of Nap.—1894: *Pelagonema*, *mt*.
simplex Cobb, 1914, 85 (51); Big Lake, Fla.—1914: *Alaimus*.
simplex Leidy, 1856b, 54, t. h. *Hystrix dorsata*; [U. S. A.].—1856: *Str*.
simplex Man, 1880a, 9, in moist soil; Holland.—1880: *Monhystera*.
simplex Rud., 1804a, 94 nomen nudum; 1809a, 170, t. h. *Delphinus phocæna*; Coll. Albers, Bremen.—1804: *Asc*. 1809: *Asc*.
simplex Rud., 1809a, of Duj., 1845a, 220, t. h. dauphin; Maldives.—1845: *Asc*. (*Anisakis*, ?type). [See *dussumerii*.]
simplex Rud., 1809a, 270, t. h. *Trigla gurnardus*.—1809: *Echinor*.
simplex Schneid., 1866a, 82.—1866: *Fil*.
simplicissima Mol., 1858c, 372, t. h. *Psittacus makaonanna*; Brazil.—1858: *Fil*.
simpsoni Leiper, 1911, 549, in a large rodent; Nigeria.—1911: *Achleilost.*, *mt*.

- simulia-reptantis* Dies., 1851a, 111, t. h. *Simulia reptans*; Sieb.—1851: Mermis.
singularis Mol., 1860b, 941, t. h. *Cathartes urubui*; Brazil.—1860: Spiropt.
sipho Rail. & Henry, 1907b, 3, t. h. *Leptonychotes weddelli*; Antarctic.—1907: *Corynosoma*. 1907: *Corynosoma*.
sipunculiforme Baird, 1859c, 425, t. h. elephant.—1859: Sclerost. 1914: *Cylicost*. 1914: *Equinurba*, tod.
sipunculoides Acharius, 1780a, 49, t. h. *Osmerus eperlanus*; by Martin.—1780: *Acanthrus*, mt.
sipunculus Schrank, 1788a, 25, t. h. *Marænen*, Quappe.—1788: *Echinor*.
siredonis Baird, 1858a, 225, t. h. *Siredon mexicanus*; Mexico.—1858: *Hednurus*.
sjöstedti Cam., 1910, 27, Mt. Méru, German E. Africa.—1910: *Parachord*.
skorikowi Cam., 1903, 34, t. h. *Mantis*; Ceylon.—1903: *Chord*.
scutata oesophagea bovis Schneidem., 1896a, 308, for *scutata o. b.* (Fil.).
smaris Rud., 1819a, 58, t. h. *Sparus smarisi*; C. E. V.—1819: *Asc*.
smerinthi-tiliæ Dies., 1851a, 102, t. h. *Smerinthus tiliæ*; Hope. 1840; Sussex.—1851: Fil. 1851: *Gord*.
smithi R., H., & B., 1914, 209 for *smithii* 1882 (*Spiropt.*).
smithi Sambon, 1907m, 304, t. h. *Lagopus scoticus*; High Ardwall Anworth.—1907: Fil.
smithii Cobbold, 1882a, 224, t. h. *Elephas indicus*.—1882: Fil. [1914: *Spiropt.*]
socialis Brätsch, 1874b, 264; Kiel.—1874: *Monhystera*. 1912: *Monohystera*.
socialis Leidy, 1850e, 102, t. h. *Acheta abbreviata*; Ing.—1850: *Oxyuris*. 1856: *Anguillula*.
socialis Leidy, 1851a, 156, t. h. *Platessa plana*; Leidy.—1851: *Echinor*.
socialis Leidy, 1858c, 25, t. h. *Mustela vison*; by Leidy.—1858: *Cheiracanthus*. 1900: *Gnathost*.
sokolowi Skrj., 1916, 83, t. h. *Halcyon senegaloides*; Brit. E. Africa.—1916: *Diplo-triæna*.
solea Porta, 1905a, 160, t. h. *Solea impar*; Portoferraio.—1905: *Echinor*.
solea Rud., 1819a, 22, t. h. *Pleuronectes solea*; C. E. V.—1819: *Cucullanus*.
solea Rud., 1819a, 58, t. h. *Pleuronectes solea*; C. E. V.—1819: *Asc*. [1845: *Dacnitis esuriens*.]
solitaria Leidy, 1856b, 56, t. h. *Chelonura serpentina*, *Emys serrata*; Georgia.—1856: Fil.
solitaria Linst., 1903k, 109, t. h. *Dipsadomorphus dendrophilus*; Siam.—1903: *Asc*.
solitarius Mol., 1858 (1859e), 295, t. h. *Conger conger*; Padua.—1858: *Echinor*. [1907: *Echinoma*.]
songeri Rail., 1899g, 345, misprint for *sangeri* (Unc.).
sonsinoi Linst., 1894g, 733, t. h. *Chamaeleo vulg.*; N. Africa.—1894: *Het*. 1917: *Strongyluris*.
sonsinoi Linst., 1895a, 525, t. h. *Agama mutabilis*; Pisa.—1895: *Physalopt*.
sonsinoi Par., 1897c (d), 382 (3), t. h. *Zamenis viridiflavus*; Pisa.—1897: *Trichosoma*. 1915: *Cap*.
soriceis Rud., 1819a, 76, t. h. *Sorex araneus*; C. E. V., Wien.—1819: *Echinor*.
soriceis-araneæ Crep., 1844a, 131, t. h. *Sorex araneus*; by Crep.—1844: *Nematodeum*.
soriceis-tetragonuri Crep., 1844a, 121, t. h. *Spitzmaus*; Leuck., 1842.—1844: *Asc*.
spari Rud., 1819a, 22, t. h. *Sparus mæna*; C. E. V.—1819: *Cucullanus*.
spari-alcedinis Rud., 1819a, 194.—1819: *Dubium*.
spari-auratæ Rud., 1819a, 11, t. h. *Sparus aurata*; C. E. V.—1819: Fil.
spari-boopis Rud., 1819a, 194.—1819: *Dubium*.
spari-melanuri Rud., 1819a, 194.—1819: *Dubium*.
spari-mormyri Rud., 1819a, 194.—1819: *Dubium*.
spari (-spicræ) Par., 1894a, 216, for *spari-spice* (*Asc*).
spari-spice Rud., 1819a, 58, t. h. *Sparus spice*; Nap.—1819: *Asc*.
sparoidum Dies., 1851a, 119, t. h. *Box vulg.*, etc.; Europe.—1851: *Agamonema*. 1887: *Asc*.
sparsus Cobb, 1917n, 438, in sphagnum from greenhouses; Wash., D. C.—1917: *Mononchus* (*Myonchulus*).
spathiger Rail., 1896m, 490, t. h. *Camelus dromedarius*; Alfort.—1896: *Str*. 1909: *Nematodirus*.
spatululum Leuck., 1876, 871, for *spatululum* Rud., 1819.—1876: *Dist*. 1894: *Iracunculus* [lapsus].
specifica Lowenstein, 1911, 750.—1911: *Trichodes crassicauda*.
speciosum Ben., 1873b, 19, t. h. *Vespertilio daubentonii*, etc.; Belgium.—1873: *Trichosoma*. 1915: *Cap*. (*Cap*).
speciosus Janda, 1893a, 597; Krakau Mus.—1893: *Gord*.
spectabile Mar., 1870a, 20, marine; Endoume.—1870: *Euryst*. tsd.

- spectabilis* Ditlevsen, 1912, 224, from meadow; near Oeresund.—1912: Mononchus. 1916: Prionchulus.
- spiculigera* Desmonceaux, 1868a, 11, misprint for *spiculigera* (Asc.).
- spetia* Leidy, 1875b, 17, t. h. Australian wallaby; Zool. Gard., Phila.—1875: Fil. 1911: Setaria.
- spenglii* Man, 1912, 439, in Rostkastanie; Greiz.—1912: Diplogasteroides, mt.
- spenglii* Man, 1912, 456, in sand around roots of Erica; near "Bergen op Zoom."—1912: Dorylaimus.
- spermospizæ* Linst., 1879a, 171, t. h. *Spermospiza guttata*; by Linst., Ing.—1897: Fil. 1916: Diplotriæna.
- sphæcodis* Dufour, 1837g, 8 t. h. *Sphæcodes gibbus*; Ing.—1837: Fil.
- sphæricus* Rud., 1802a, 62, t. h. *Cottus scorpius*; by Rud.—1802: Echinor.
- spharcephala* Rud., 1809a, 188, t. h. *Accipenser sturio*; by Rud.—[1779: *Pleurorinchus*, type. 1789: *Pleurorinchus*.] 1809: Asc. 1819: Ophiost. [1824: *Pleuro-rinchus*, type.] 1845: Dacnitis. 1866: Het.
- spharcephalus* Brems. in Rud., 1819a, 598, t. h. *Larus, Hæmatopus ostralegus*; Brazil.—1819: Echinor.
- [*spharcephalus* in Salmon & Stiles, 1898b, 15, lapus for *Trichodectes sph.* (*Trichoc.*).]
- sphæropæi* Par., 1898a (b), 115 (14), for *sphæropæi* (*Oxyuris*).
- sphærophora* Mol., 1858c, 401, t. h. *Anabates anthoides*, *Muscicapa lophotis*; Brazil.—1858: Fil.
- sphæropæi* Par., 1896b (c), 110 (3), t. h. *Sphæropæus hercules*; Sumatra.—1896: *Oxyuris*.
- sphærus* Baird, 1853a, 112; Khasyan Hills, India.—1853: Gord.
- sphærus* Baird of Cam., 1891b, 131; India.—1891: Gord.
- sphæcodis-gibbi* Dies., 1851a, 99, t. h. *Sphæcodes gibbus*; by Duf.—1851: Fil. 1851: Gord.
- spherura* Baird, 1853a, 112; India.—1853: Gord.
- sphingis-euphorbiæ* Dies., 1851a, 102, t. h. *Sphinx euphorbia*; Gœze, 1782a.—1851: Fil. 1851: Gord.
- sphingis-ligustri* Dies., 1851a, 102, t. h. *Sphinx ligustri*; by Rossi.—1851: Fil. 1851: Gord.
- sphodri-leucophthalmi* Dies., 1851a, 90, t. h. *Sphodrus leucophthalmus*; Gr. Brit.—1851: Fil. 1851: Gord.
- sphyraena* Linst., 1878a, 229, for *sphyraenæ-spet*, t. h. *Sphyraena vulg.*—1878: *Nematoideum*.
- sphyraena* Rud., 1809a, 314, t. h. Argentina *sphyraena*; Redi, 1708.—1809: Echinor.
- sphyraena-spet* Rud., 1819a, 196, 567, 800, t. h. *Sphyraena spet*; Nap.—1819: *Dubium*. 1851: *Nematoideum*.
- sphyranura* Linst., 1906, 1, t. h. *Sphyranura barracuda*; Tasmania.—1906: Asc.
- spicra* Dies., 1851a, 200, t. h. *Sparus spicra*; Nap.—1851: Asc.
- spicularia* Neum., 1909, 544, t. h. ostrich; Cape Colony.—1909: Fil.
- spiculatus* Cobbold, 1861e, 123, t. h. *Tinamus sp.*; Lond. Zool. Gard.—1861: Str.
- spiculatus* Romanovitch, 1915, 451, t. h. *Tarandus rangifer*; Tobolsk.—1915: *Microc. longissime*, tod.
- spiculifera* Shipley, 1905k, 97, for *spiculigera* (Asc.).
- spiculigera* Rud., 1809a, 168, t. h. *Pelecanus onocrotalus*; by Jurine.—1809: Asc. 1912: *Contracæcum*, tod.
- spinicauda* DuRoi., 1845a, 143, t. h. *Lacerta muralis*; St. Malo.—1845: *Oxyuris*. 1851: Asc.
- spinicauda* Offers in Rud., 1819a, 40, t. h. *Lacerta teguixin*; Brazil.—1819: Asc. 1914: Het.
- spinifera* Schneid., 1866a, 83, t. h. *Scolopax gallinula*. 1866: Fil. [1912: *Echinuria*.]
- spinifera* (Rud. or Schneid.) Soloviev, 1912, 112.—1912: *Echinuria*.
- spinigerum* Owen, 1836f, 123, t. h. *Felis tigris*; by Owen.—1836: *Gnathost.* mt.
- spinosa* Bütsch, 1874b, 273, in sand; Kieler Bucht.—1874: *Anoplost.* 1889: *Axonolaimus*, tsd.
- spinosissimus* Shipley & Hornell, 1905b, 54, t. h. *Myliobatis aquila*; Gulf of Manaar.—1905: *Cheiracanthus*.
- spinosum* Southern, 1914a, 60; Clew Bay.—1914: *Chaetosoma*.
- spinosum* Will.-Suhm, 1869a, 473, t. h. *Brachyotus mystacinus*; Berchtesgaden.—1869: Ophiost.
- spinus* Kaiser, 1893a, 2; Florida.—1893: Echinor.
- spinus* Panceri, 1878, 7, marine.—Echinoderes.
- spinus* Reinhard, 1881, 590; Odessa.—1881: Echinoderes.
- [*spinus* Traill, 1874a, 155, misprint for *Echinorhinus spinus*, a shark—1874: Echinor.]
- spinus* Van Cleave, 1916, 223, t. h. *Herodias egretta*; by Hass.—1916: *Centror.*

- spinuliferum* Baird, 18—, [nv.]; Cobbold, 1879b, 393.—1879: Sclerost.
- spinulosa* Dies., 1839a, 227, t. h. *Sudis gigas*; Borba.—1839: *Lecanoc.*, mt. 1915: *Goezia*.
- spinnulosa* Mol., 1860e, 350, t. h. *Glareola austriaca*; M. C. V.—1860: Fil. 1916: *Schistorophus*.
- spinulosum* Linst., 1890d, 185, t. h. *Fuligula ferina*; Ing.—1890: *Trichosoma*. 1915: Cap. (Thominx).
- spinulosus* Linst., 1879b, 331, t. h. *Capra ibex*; Ing.—1879: Str. (? *Eucyathost.*). 1899: Sclerost. 1909: *Eucyathost.*
- spira* Dies., 1851a, 34, t. h. *Cathartes aura*, etc.; Brazil.—1851: *Echinor.* 1892: *Gigantor.* 1915: *Oligacanthor.*, tod.
- spirale* Mol., 1857a, 217, t. h. *Cervus dama*; M. C. V.—1857: *Gongylonema*.
- spirale* Mol., 1858 (1859e), 301, t. h. *Ibis falcinellus*; Padua.—1858: *Trichosoma*. 1915: Cap.
- spiralis* Mol., 1858d, 153, t. h. *Phasianus gallus*; Padua.—1858: Disph. 1912: *Acuaria*. 1916: *Acuaria* (Dispharynx).
- spiralis* Baird, 1853a, 35, t. h. grasshopper; Rio Janeiro.—1853: *Mermis*.
- spiralis* Cobb, 1893b, 293 (44), about bases of carrot leaves; Australia.—1893: *Dorylaimus*.
- spiralis* Dies, 1851a, 231, t. h. *Alca torda*, *Larus maximus*, etc.—1851: *Histioc.*
- spiralis* Dies., 1861a, 604, t. h. *Decticus albifrons*; Sicilia.—1861: *Gord. tricuspidatus*.
- spiralis* Linst., 1908, 27, free; Luderitzbucht, Africa.—1908: *Oncholaimus*.
- spiralis* Micol., 1913, 116, in fresh water; Ostalpen.—1913: *Teratoc.*
- spiralis* Mol., 1860b, 947, t. h. *Bradypus didactylus*; Brazil.—1860: *Spiropt.* 1879: Fil. 1897: *Oxyspirura*.
- spiralis* Mol., 1860e, 339, t. h. *Picus comatus*; Brazil.—1860: *Asc.*
- spiralis* Oerley, 1882b, 312, t. h. *Heiloporus albopunctatus*; Brit. Mus., from Australia.—1882: Fil.
- spiralis* Owen, 1835a, 315, t. h. *Homo*; Lond.—1835: *Trichina*, mt. 1840: *Trichine*. [1840: *Trichinus*.] 1895: *Trichinella*, mt. 1903: *Trichinia*.
- spiralis* Rud., 1795a, 11, t. h. *Strix aluco*; by Rud.—1795: *Asc.* 1803: *Fus.* 1809: *Asc.*
- spiralis* Rud., 1809a, 273, t. h. *Ardea minuta*; by Nitzsch.—1809: *Echinor.*
- spiralis* Schneid., 1866a, 60, t. h. *Amphisbaena* sp.; Brazil.—1866: *Physalopt.*
- spiralis* Seur, 1915, 280, t. h. *Bubulcus lucidus*; Alger.—1915: *Tropidocerca*. 1915: *Tetrameres* (*Microtetrameres*).
- spiralis avium* A. D., & E., 1901b, 26, t. h. *Cinnyris fuliginosa*, etc.; Nigeria.—1901: Fil.
- spiralis avium major* A. D., & E., 1901b, 31, t. h. *Hyphantornis aurantius*, etc.; Nigeria.—1901: Fil.
- spiralis columbae* Bridré, 1910, 38, in pigeon; Tunis.—1910: Disph.
- spiralis hominis* Krämer, 1853a, 294 for *spiralis* (*Trichina*).
- spiraloidea* Micol., 1913, 117, in fresh water; Ostalpen.—1913: *Teratoc.*
- spiriferus* Cobb, 1914, 107 (73); Potomac River, Wash., D. C.—1914: *Aphanolaimus*.
- spirillum* Müell., 1786a, 49, in infusione *Sonchi arvensis*.—1786: *Vibrio*. [1838: *Spirillum*, tat.]
- spirillum* Pall., 1781a, 111, t. h. *Lacerta apoda*.—1781: *Tenia*. 1828: *Mastigodes*. 1828: *Trichoc.*
- spirillum* Trav., 1917, 100 (in *Mus decumanus*).
- spirocauda* Leidy, 1858a, 112, t. h. *Phoca vitulina*; by Wyman; Ing.—1858: Fil.
- spirogyrus* Leuck., 1867b, 137, t. h. *Mus sylvaticus*; Germany.—1867: Str. [1916: *Viannia polygyra*.]
- spirotheca* Geyer, 1856a, 327 (2), t. h. *Hydrophilus piceus*; Wien.—1856: *Oxyuris*. 1857: *Pseudonymus*, mt. 1859: *Asc.* 1861: *Ptychoc.*, mt. 1878: *Oxyuris* (*Helicotherix*, tsd.).
- spirula* Ehrenb. in Hempr. & Ehrenb., 1828a, (*Hyrax*) unpagd, t. h. *Hyrax capensis*; by H. & E.—1828: *Physalopt.*
- spirula* Olfers in Rud., 1819a, 63, t. h. *Simia rosalia*; Brazil.—1819: *Echinor.* 1909: *Gigantor.*
- spirurum* Cobb, 1914, 8; Cape Royds.—1914: *Austronema*, mt.
- spirurus* Cobb, 1914, 38.—1914: *Aphanolaimus*.
- splenæcum* Duj., 1843a, 332, t. h. *Sorex araneus*; Rennes.—1843: *Trichosoma*. 1845: *Calodium*. [1915: Cap. (Cap.).]
- splenæcum* Dies., 1851a, 255, for *splenæcum* 1845, t. h. *Sorex araneus*; Rennes.—1851: *Trichosomum* (*Calodium*). 1915: Cap. (Cap.).
- splendida* Hall, 1913, 73, t. h. *Canis nebracensis*; Colo.—1913: *Rictularia*.
- splenæcum* Schneid., 1866a, 313, for *splenæcum*.—1866: *Trichosoma*. 1889: *Calodium*.

- spumosa* Schneid., 1866a, 77, t. h. *Mus decumanus*: Berl.—1866: Het. 1917: *Ganguleterakis*.
- squali* Duj., 1845a, 272, for *squali-galei*, t. h. *Squalus galeus*: Venice, Paris.—1845: *Dacnitis*. 1851: *Cucullanus*. 1861: *Dacnitis*. 1887: Het. 1916: *Serradacnitis*.
- squali* Duj., 1845a, 272, t. h. *Squalus galeus*: Mus. Wien & Par.—1845: *Dacnitis*.
- squali* Gmel., 1790a, 3037, t. h. *squalo globerrima*: Redi.—1790: Asc. 1803: Fus.
- squali-catuli* Rud., 1810a, 272, t. h. *Squalus catulus*.—1810: Vermis (dubius). 1819: *Dubium*. 1851: *Nematoideum*.
- squali-galei* Duj., 1845a, 253, t. h. *Squalus galeus*: Mus. Wien.—1845: *Cucullanus*.
- squalii* Linst., 1908, 5, t. h. *Squalius schmidtii*.—1908: Asc.
- squalorum* (sanguinis) Dies., 1861a, 725, t. h. *Mustelus lævis*: Sardinia.—1861: *Nematodum*.
- squalorum* Linst., 1878a, 279, for *squalorum* (sanguinis), t. h. *Mustelus lævis*: Sardinia.—1878: *Nematodum*. 1885: *Nematoideum*.
- squamati* Linst., 1883a, 287, t. h. *Phalacrocorax carbo*: Turkestan.—1883: Fil. 1891: Disph. 1912: *Acuaria* (Hamannia).
- squamata* Linst., 1909, 63, t. h. *Clemmys guttata*: Offenburg.—1909: *Hedruris*.
- squamosa* Cobb., 1913, 437, in roots of Mango; Bangalore, India.—1913: *Iota*, tod. 1917: *Jota*. 1917: *Hoplolaimus*.
- stagnalis* Bast., 1865c, 97, in mud; Falmouth & Easthampstead.—1865: *Monhystera*, probably type. 1909: *Monohystera*.
- stagnalis* Daday, 1897, 112, free; Balaton.—1897: *Cephalobus*.
- stagnalis* Duj., 1845a, 231, t. h. *Cyprius carpio*. *Gasterosteus lævis*: Rennes.—1845: *Dorylaimus* probably type.
- stecki* Steiner, 1914, 428; bei Arosa, Switz.—1914: *Tylencholaimus*.
- stellaris* Mol., 1858d, 143, t. h. *Anas boschas*: Padua.—1858: *Echinor*.
- stellatus* Linst., 1906, 244; Ruedersdorf, Mark Brandenburg. Fredazzo in Tirol.—1906: *Gord*.
- stella-pollaris* Par., 1901g, 1, t. h. *Fulmarus glacialis*; by Par.—1901: *Histioc*. 1916: *Streptocara*.
- stellionis* (Latin, 1876a, 802, t. h. *Stellio vulg.*; Paris.—1876: *Spirura*.
- stelmioides* Vessicelli, 1910, 304, t. h. *Petremyzon planeri*: Sarno.—1910: *Dacnitis*.
- stenocephalus* Giles, 1892, 194, misprint for *stenoc*. (*Dochmius*).
- stenocephala* Rail. & Henry, 1907b, 2, t. h. *Leptonychotes weddelli*, *Stenor. leptonyx*; Booth-Wandel, Antarctic.—1907: Asc.
- stenocephalus* Rail., 1884i (k), 452, t. h. (*Canis* fam.; Alfort.—1884: *Dochmius*. 1885: Unc. 1888: *Ankylostoma*. [1888: *Ancylostoma*.] 1889: *Ankylostomum*. 1898: *Anchylostomum*.
- stenodon* Duj., 1845a, 234, in water among algae; Lorient.—1845: *Enoplus*.
- stenosoma* Man, 1907, 229, free; Ierseke.—1907: *Monhystera*.
- stenuus* Cobb., 1914, 73(39), in roadside pool; Douglas Lake, Mich.—1914: *Prismatolaimus*.
- stephanostoma* Joerdens, 1802a, 29, t. h. *Homo*; by Bretschneider.—1802: Asc. [*Stephanost.*, type.]
- stephanostomum* Stoss., 1904b, 2, in gorilla; by Shipley; Mus. Cambridge.—1904: *Oesophagost.*
- stephanostomum dentigerum* (Rail. & Henry, 1906; Rail. & Henry, 1909, 645.—1906: *Oesophagost.*
- stephanostomum thomasi* Rail. & Henry, 1909, 645, t. h. *Homo*; Amazon, Brazil.—1909: *Oesophagost.*
- stercoracea* D'Allocco, 1894, 523, s. intestinale, see *stercoralis*.—1894: *Anguillula*. [1894: *Anguillula*.]
- stercoralis* Bayay in Normand, 1876a, 316, t. h. *Homo*; Toulon, from Cochinchina.—1876: *Anguillula*. 1876: *Rhabditis*. 1879: *Leptodera*. [1879: *Strongyloides*, type.] 1880: *Pseudorhabditis*, mt. 1902: *Strongyloides*, type. 1903: *Rhabdonema*. 1904: Str. 1909: *Anguillulæ*. [1915: *Anguillule*.]
- stercura* Rud., 1819a, 23, t. h. *Falco nævus*; M. V.—1819: *Spiropt*. 1904: *Oxy-spirura*. 1910: *Thelazia*.
- stercoralis* Schneidem., 1896, 305, for *stercoralis* (*Anguillula*).
- sterna* Linst., 1909, 53, for *sterna-hirundinis*, t. h. *Sterna hirundo*.—1909: Asc.
- sterna* Rud., 1819a, 10, t. h. *Sterna leucopareia*; C. E. V.—1819: Fil.
- sterna* Rud., 1819a, 29, t. h. *Sterna hirundo*; Greifsw.—1819: *Spiropt*.
- sterna* Rud., 1819a, 55, t. h. *Sterna nigra*; Rimini.—1819: Asc. 1909: *Agamonema*.
- sterna* Rud., 1819a, 78, t. h. *Sterna cantiaica*; C. E. V.—1819: *Echinor*.
- sterna-hirundinis* Dies., 1851a, 193, t. h. *Sterna hirundo*; Ireland.—1851: Asc.
- sterna-nigra* Dies., 1851a, 193, *sterna* 1819 renamed, t. h. *Sterna nigra*; Rimini.—1851: Asc.

- stereopodis-madidi* Dies., 1851a, 90, t. h. *Feronia madida*; Gr. Brit.—1851: Fil. [1851: Gord.]
- stictodora* Stoss., 1902e, 5, t. h. *Dentex gibbosus*; Genova.—1902: Asc.
- stigmatura* Leidy, 1886e, 309, t. h. *Salvelinus namaycush*; Lake Superior.—1886: Fil. 1917: *Cystidicola*.
- stomachalis* Schlotthauher, 1860a, 124, t. h. birds; by Schlotth.—1860: Fil.
- stomoxeos* Linst., 1875a, 195, t. h. *Stomoxys calcitrans*; Greenau.—1875: Fil. [1903: F. *labiato-papillosa*.] 1916: Spiropt.
- stossichi* Setti, 1897b, 46, t. h. *Hystrix cristata*; Massua.—1897: Oxyuris.
- stossichii* Cond.-Franc., 1898a, 2, t. h. *Gobius avernensis*; River Sarno.—1898: Agamonema.
- strasseni* Tüerk, 1903, 284, marine; Nap.—1903: Thoracost.
- stratiipunctata* Villot, 1875a, 466 for *stratiipunctata* (*Acanthopharynx*).
- streptosophaeus* Connal, 1912, 229, t. h. *Agama colonorum*; Lagos.—1912: Strongylurid.
- striata* (rep., 1851b, 288, t. h. *Colymbus* (*Podiceps*) *auritus*; by Crep.—1851: Spiropt.
- striata* Linst., 1883a, 280, t. h. *Tropidonotus hydrus*, (*Conia alba*; Turkestan.—1883: Physalopt.
- striata* Linst., 1907, 251, t. n. *Potamocheilus penicillatus*; Kamerun.—1907: Asc.
- striata* Man, 1876a (b), 117 (40), grass; Leiden.—1876: Tylopharynx, mt. 1878: Tylopharinx.
- striata* Mol., 1858c, 388, t. h. *Felis concolor*, *F. macroura*; Brazil.—1858: Fil. 1861: Solenonema.
- striata* Villot, 1875a, 466; Med.—1875: *Acanthopharynx*.
- straticaudatus* Cobb, 1906, 164, about roots of diseased cane; Maui.—1906: *Dorylaimus*.
- striatipunctata* Mar. 1870a, 35, free; Montredon.—1870: *Acanthopharynx*.
- striatocaudatus* Man, 1888a, 35; Walcheren.—1888: *Syringolaimus*, mt.
- striatum* Linst., 1879a, 182, t. h. *Astur nesus*.—1879: *Trichosoma*. 1915: Cap. (*Thomix*).
- striatus* Bast., 1865c, 125; about rootlets of wheat; Broadmoor, Berks.—1865: *Cephalobus*.
- striatus* Bast., 1865c, 164, marine surface mud; Falmouth.—1865: *Cyatholaimus*.
- striatus* Büetsch., 1876a, 372, in fauligen Massen auf der Oberfläche des Mains.—1873: Diplogaster.
- striatus* Daday, 1894, 140 [free; Balaton].—1894: *Dorylaimus*.
- striatus* Eberth, 1863a, 30, free; Nizza.—1863: *Odontobius*.
- striatus* Eberth, 1863a, 36, marine; Nizza.—1863: *Enoplus*.
- striatus* Göze, 1782a, 152, t. h. *Ardea cinerea*; by Graf Boke.—1782: *Echinor*. 1915: Polymorphus.
- striatus* Mont., 1889d (e), 70 (4), t. h. *Scyllium* sp.; Payta, Peru.—1889: *Echinocephalus*.
- striatus* Steiner, 1914, 430, bei Bellinzera, Switz.—1914: *Aphelenchus*.
- striatus* Zedl., 1800a, 74, t. h. *Erynaceus europæus*; by Zedl.—1800: Str. 1861: Crenosoma, probably type.
- stricta nigrescens* Müell., 1780b, 140, in Hechte, etc.—1780: Asc. seta.
- strictus* Müell., 1786a, 71.—1786: *Vibrio*. [1838: *Lacrymaria*.]
- stridula* Rud., 1809a, 275, t. h. *Strix stridula*; Göze, 1782a, 153.—1782: *Echinor*.
- strigis* Gmel., 1790a, 3040, t. h. *Strix*; quotes Pall.—1790: Fil.
- strigis* Gmel., 1790a, 3045, t. h. *Strix stridula*; Göze, 1782a. 1790: *Echinor*.
- strigis* Linst., 1877b, 176, t. h. *Strix otus*; lug.—1877: Fil. 1915: Spiropt. (Fil.).
- strigis* M. C. V. in Mol., 1860b, 939.—1860: Spiropt. [1860: *S. penihamata*.]
- strigis* M. C. V. in Mol., 1860b, 960.—1860: Spiropt. [1860: *S. brevisubulata*.]
- strigis* Rud., 1819a, 28, t. h. *Strix scopis*; C. E. V.—1819: Spiropt.
- strigis* Rud., 1819a, 711, 800, t. h. *Strix* [atrica] illa; Brazil.—1819: Dubium. 1851: Nematodeum.
- strigis-aluco* Mol., 1860b, 977, t. h. *Strix aluco*; Rennes.—1860: Spiropt.
- strigis-atricapilla* M. C. V. in Mol., 1860b, 939, so. penihamata.—1860: Spiropt.
- strigis-aureolata* Rud., 1809a, 277; Göze, 1782a.—1809: *Echinor*. [1809: *E. æqualis*.]
- strigis-aureolata* Marval, 1905a, 217, for *strigis-aureolata* (*Echinor*).
- strigis-aureolata* Dies., 1851a, 38; Göze, 1782.—1851: *Echinor*. [1851: *E. æqualis*.]
- strigis-brachyoti* M. C. V. in Mol., 1858c, 399, t. h. *Strix*; M. C. V., Coll. Brazil.—1858: Fil.
- strigis-brachyoti* Mol., 1860b, 977, t. h. *Strix brachyotus*.—1860: Spiropt.
- strigis-flammea* M. C. V. in Mol., 1858c, 408, t. h. *Strix flammea*; Ypanema, Brazil.—1858: Fil. attenuata. [1858: Fil. *hystrix*.]
- strigis-flammea* M. C. V. in Mol., 1860b, 939, t. h. *Strix flammea*; Brazil.—1860: Spiropt.
- strigis-griseata* M. C. V. in Mol., 1860b, 939, t. h. *Strix griseata*; Brazil.—1860: Spiropt.
- strigis-lineata* M. C. V. in Mol., 1860b, 939, t. h. *Strix*; Brazil.—1860: Spiropt.

- strigis-magellanicae* M. C. V. in Mol., 1860b, 955.—1860: Spiropt.
strigis-oti Viborg, 1795, 243 [nv.]; Lühe, 1905a, 309; t. h. *Asio otus*.—1795: Echinor.
strigis-stridula Rud. [1809a, 275]; 1810a, 352, t. h. *Strix stridula*; Goeze, 1782a.—1809: Echinor.
strigis-torquatae Mol., 1858c, 422, t. h. *Strix torquata*; Brazil.—1858: Fil.
strigosus Duj., 1845a, 120, t. h. *Lepus cuniculus* fer.; Paris, Wien.—1845: Str. 1909: Graphidium, tod.
strigosus Vaull., 1901, 133, misprint for *strigosus* (Str.).
strigum Rud., 1810a, 354, for *strigis* Gmel., 1790 (Fil.).
stroma Linst., 1884a, 134, t. h. *Mus sylvaticus*; Ing.—1884: Oxyuris.
stroma Linst., 1899b, 11, t. h. *Grus paradisea*; Mus. Berl.—1899: Het. 1914: Ascaridia.
strongilina Perronc., 1882a, 330, for *strongylina* (Spiropt.).
strongiloides Dollfus, 1912, 25, for *strongyloides* Leuck. (Rhabdoneura).
strongilus Wucherer, 1869a, 172.—1869: Doch.
strongyliformis Blainv., 1828a, 546, t. h. *Sus scrofa* dom.—1828: Spiropt.
strongylina Rud., 1819a, 23, t. h. *Sus fera*; Mus. Wien. 1819: Spiropt. 1866: Fil. 1911: Arduenna, type. 1914: Arduena.
strongylina Rud., 1819a, 646, t. h. *Cuculus seniculus*; Brazil.—1819: Physalopt.
strongylina Rud., 1819a, 351, t. h. *Crypturus* (Tinamus), *Tetrao uru*; Brazil.—1819: Asc. 1912: Subulura.
strongylina suis-labiati M. C. V. in Mol., 1860b, 957.—1860: Spiropt.
strongyloides Braun & Lühe, 1910, 121, lapsus for *Ankylostomum*, *Strongyloides*.—[1910: *Ankylostomum*, *Ancylostoma*.]
strongyloides Dies., 1851a, 297, galeatus renamed, t. h. *Podinema teguixin*; Brazil, M. C. V.—1851: Diaphanoc., tsd.
strongyloides Leuck., 1883 [nv.] (see *stercoralis* Bavay).—1883: Rhabdonema. 1888: Leptodera. 1890: Rhabditis. 1904: Anguillula.
strongyloides Schneid., 1860b, 228.—1860: Pelodytes, mt. 1866: Pelodera. 1866: Leptodera. 1880: Rhabditis.
strongylura Gendre, 1909, lxxv, for *strongyluris*, t. h. *Agama colonorum*.—1909: Het.
strongyluris Gendre, 1909, lxxv, t. h. *Agama colonorum*.—1909: Het.
strongylus Züern, 1882a, 242, for *strongylina*? (Fil.).
strumosa Froel., 1791a, 82, t. h. *Talpa*; by Froel.—1791: Asc. 1819: Spiropt. 1866: Fil.
strumosa Zed., 1800a, 23, t. h. *Phasianus* dom.—1800: Fus.
strumosum Reibisch, 1893a, 331, t. h. *Phasianus colchicus*; Germany.—1893: Trichosomum. 1915: Cap. (Thominx).
strumosus Mol., 1861a (b), 542 (118), t. h. *Coluber lichtensteini*; Brazil.—1861: Kalic. 1899: Sclerost. 1909: Diaphanoc.
strumosus Rud., 1802a, 63, t. h. *Phoca vitulina*; by Rud.—1802: Echinor. 1904: Corynosoma, tod.
struthionis Horst, 1885b, 263, t. h. *Struthio molybdophanes*; Zool. Gard. Rotterdam.—1885: Sclerost. 1911: Codiost., tod.
strygosus Julien, 1897e, 547, misprint for *strigosus* (Str.).
studerii Steiner, 1915, 263, Insel Ufenau, Zürichsee, Switz.—1914: Mononchus. 1916: Iotonchus. 1917: M. (I.).
sturionis Gmel., 1790a, 30, t. h. *Acipenser sturio*; Goeze, 1782a.—1791: Echinor.
sturionis Krøyer., 1852-53a, 778, t. h. *Acipenser sturio*; quotes Abildg.—1852: Cucullanus.
sturionis Rud., 1819a, 800 for *accipenseris-sturionis* (Dulium).
sturni Gmel., 1790a, 3034, t. h. *Sturnus vulg.*; Goeze, 1782a.—1790: Asc.
sturni Rud., 1809a, 73, t. h. *Sturnus*; quotes Pall.—1809: Fil.
sturni Rud., 1819a, 28, t. h. *Sturnus cinclus*; C. E. V.—1819: Spiropt.
styligera Mehl. in Crep., 1846a, 146, t. h. *Testudo*.—1846: Asc.
stylosa Linst., 1907, 253, t. h. *Otis tarda*; Nauen i. Mark.—1907: Het.
stylosa Linst., 1908, 26, t. h. *Frosch*; Africa.—1908: Spiropt.
stylosus Linst., 1883a, 299, loc. unknown, apparently Turkestan.—1883: Gord. 1897: Paragord.
stylosus Linst., 1907, 251, t. h. *Rhinoceros africanus*; Deutsch Ost-Africa.—1907: Deletroc. 1916: Kiluluma, tod.
styplocerca Stoss., 1904b, 2, t. h. *volatile* dom.; Gambia, by Shipley.—1904: Het. 1914: Ascaridia.
subequalis Mol., 1860b, 921, t. h. *Felis concolor*, *F. mellivora*; Brazil.—1860: Spiropt. 1913: Spirocerca.
subalata Schneid., 1866a, 62; in *Falco* sp., Brazil.—1866: Physalopt.
subangensis Steiner, 1915, 266, marine; Sumatra.—1915: Leptosomatum elongatum.
subangensis Steiner, 1915, 233, marine; Sumatra.—1915: Chromadora.

- subareolatus* Villot, 1874a, 54; France, Mus. Paris.—1874: Gord.
subauricularis Rud., 1819a, 649, t. h. *Rana musica*: Brazil.—1819: Str. 1917: Oswal-docrusia, tod.
subbifurens Sieb., 1848c, 296, t. h. *Molops elatus*: by Fuchs.—1848: Gord. 1904: Fil.
subcompessa Zed., 1803a, 45, t. h. *Homo*.—1803: Tentacularia, type. 1809: Hamu-laria. 1840: Haularia.
subconjunctivalis Brumpt, 1910, 449, for *subconjunctivalis* (Fil.).
subconjunctivalis Guyon. 1865a, 58, t. h. *Homo*: Africa.—1865: Fil. [Cf. loa.]
subcrucatus Rail. & Henry, 1913, 451, t. h. *Felis pardus*: Dongou, Congo Belge.—1913: *Hæmostrongylus*.
subcutanea Civinini, 1842a, 122, t. h. *faine*.—1842: Fil. [? See *cutanea* Rud., 1819.]
subcutanea Linst., 1899b, 23, t. h. *Erethizon dorsatus*: Berl. Zool. Gard.—1899: Fil.
subcutanea Mol., 1858c, 428, t. h. *Podoca swinamensis*: Brazil.—1858: Fil. *podocæ*.
subcutanea Rud., 1819a, 7, t. h. *Mustela foina*, etc.: by Rosa, 1719.—1819: Fil. *mus-telarum*.
subcutanea Rud., 1819a, 8, t. h. *Lepus timidus*: Pall.—1819: Fil. *leporis*.
subcutanea Rud., 1819a, 8, t. h. *Lanius collurio*: C. E. V.—1819: Fil. *collurionis*.
subcutanea Rud., 1819a, 76, t. h. *Erinaceus europæus*: C. E. V.—1819: Echinor-erinacei. 1851: Echinor.
subdepressus Blainv., 1828a, 534 for *depressiusculus* in *Canis* fam.: Brems., 1824c, pl. 1 figs. 16-19.—1828: Trichoc.
subelongatus Cobb, 1914, 102(68), in moss; Douglas Lake, Mich.—1914: *Cephalobus*.
subglobatus Zed., 1803a, 154, t. h. *Salmo salar*: quotes Herm.—1803: Echinor.
sublingualis Mol., 1858c, 428, t. h. *Ardea exilis*: Rio Araguay.—1858: Fil. *ardeæ*.
sublobatus Gmel., 1790a, 3049, t. h. *Salmo salar*: Herm.—1790: Echinor.
subrotundus Eberth, 1863a, 33, marine; Nizza.—1863: Enoplus. 1865: Enchelidium.
subrotundus Mar., 1870b, 5.—1870: Lasiomitus.
subrustica Cobb, 1906, 165, about roots of diseased cane; Hilo, H. I.—1906: Mon-hystera.
subsimitis Cobb, 1893a, 810(33), about roots of sugar-cane; N. S. W.—1893: Dory-laimus.
subsimitis Cobb, 1914, 8, Bay; Cape Royds.—1914: *Anticoma*.
subsimitis Cobb, 1917n, 184 (486), *simitis* Cobb, 1917, renamed.—1917: *Mononchus* (*Mylonchulus*).
subspiralis Dies., 1851a, 268, t. h. *Ardea cinerea*; M. C. V.—1851: Fil.
subspiralis Dies., 1851a, 294, t. h. *Dasypus loricatus*, etc.: Brazil.—1851: Trichoc.
subspiralis Dies., 1861a, 601, free; Kansas.—1861: Gord. 1897: Cordius.
subtenuis Cobb, 1917n, 184 (486), *tenuis* Cobb, 1917, renamed.—1917: *Mononchus* (*Mylonchulus*).
subtilis Looss, 1895b, 161, t. h. *Homo*; Egypt.—1895: Str. 1905: Trichostr.
subtilis Schmassmann, 1914, 399, aquatic; Lüernersee.—1914: Mermis.
subula Duj., 1845a, 73, t. h. *Sylvia rubecula*; Rennes.—1845: Disph. 1851: Spiropt. 1912: *Acuaria* (*Acuaria*).
subula Schrank, 1829 [nv.]; Ehrenb., 1838a, 83.—1829: Vibrio. [1838: *Euglena acus*.]
subulata Coll. Leidy in Stiles & Hass., 1894e, 350, cf. *opeatura*, t. h. *Cyclura basolo-pha*.—1894: *Atractis*.
subulata Desingh., 1824p., 394, t. h. *Podiceps auritus*.—1824: Fil.
subulata Eberth, 1863a, 21, under corals; Nice Harbor.—1863: *Phanoglene*. 1865: *Leptosomatium*.
subulata Gørze, 1782a, 108, t. h. *Hechte* & *Lacerta palustris*.—1782: Asc. *vermicularis cauda*. 1809: Asc. *vermiculari cauda*.
subulata Rud., 1819a, 269, t. h. *Caprimulgus ruficollis*: Mus. Wien.—1819: Asc. 1914: *Subulura*.
subulata Schneid., 1866a, 62, t. h. *Falco* sp.: Brazil.—1866: *Physalopt*.
subulata Schneid., 1866a, 69.—1866: Het.
subulata Schrank, 1788a, 11, t. h. *Wasserkröten*; Gørze, 1782a.—1788: Asc.
subulata bufonum Rud., 1809a, 147.—1809: Asc. [1809: Asc. *nigrovenosa*.]
subulatum Leisering, 1865, 117, t. h. *Canis* fam.; Dresden. 1865: *Hæmatozoon*. 1873: Str. 1912: *Strongyloides*.
subulatum Mol., 1861a(b), 543 (119), t. h. *Lachesis rhombeata*, etc.: Brazil.—1861: Kalic. 1899: *Sclerost*. 1909: *Diaphanoc*.
subulatum Mol., 1861a(b), 445 (21), t. h. *Sus scrofa dom.*, *S. s. fera*; Europe.—1861: *Oesophagost.*, tsd.
subulatus Mol., 1860c, 514, t. h. *Didelphys myosurus*; Ypanema.—1860: *Histioc*. 1884: *Aspidoc*. 1912: *Aspidodera*.
subulatus Zed., 1803a, 159, t. h. *Alosa*; quotes Herm.—1803: Echinor.

- subventricosus* Schneid., 1866a, 129, t. h. *Rana cornuta*; Brazil.—1866: Str. 1917: Oswaldocruzia.
- succinea* Dies., 1851a, 287, t. h. *Succinea amphibia*; teste Sieb.—1851: Fil. [1865: *Mermis albicans*.] 1865: *Mermis*. 1865: Fil.
- succini* Duisburg, 1863, 31, in Bernstein.—1863: *Anguillula*.
- succisa* Rud., 1809a, 187, t. h. *Raja clavata*; by Treviranus.—1809: Asc.
- suctor* Mol., 1860e, 341, t. h. *Caprimulgus campestris*; Brazil.—1860: *Heteracis*. [1860: *Heterakis*.] 1912: *Subulura*. 1914: *Allodapa*.
- suilla* Duj., 1845a, 167, t. h. *Sus scrofa dom.*; Paris.—1845: Asc. 1916: Asc. *lumbrioides*.
- suillæ* Walter, 1866a, 68, for *suilla* (Asc.).
- suis* Csokor, 1882a, 1, t. h. *Sus scrofa dom.*; Austria.—1882: *Gnathost. hispidum*.
- suis* Gmel., 1790a, 3032, t. h. *Sus scrofa dom.*; Gœze, 1782a.—1790: Asc. 1800: *Fus. lumbricoides*. 1901: Asc. 1.
- suis* Haase, 1906, 695, in swine.—1906: *Oxyuris*.
- suis* Lutz, [nv.].—1894: *Rhabdonema*. 1905: *Strongyloides*.
- suis* Modeer, 1791a, 75 [nv.]; Rud., 1809a, 246; t. h. *Sus scrofa dom.*—1791: Asc. 1809: Asc. *bronchiorum*.
- suis* Rud., 1809a, 125, for suum, t. h. *Sus scrofa dom.*—1809: Asc. *gigas*.
- suis* Rud., 1809a, 246, t. h. *Aper, Sus dom.*—1809: Str.
- suis* Schrank, 1788a, 5, t. h. *Sus scrofa fera*; Gœze, 1782a.—1788: *Trichoc*. 1908: *Trichuris*.
- suis-labiati* M. C. V. in Mol., 1858c, 388, t. h. *Dicotyles*; M. C. V., Coll. Brazil.—1858: Fil.
- suis-labiati* M. C. V. in Mol., 1860b, 957.—1860: *Spiropt. strongylina*.
- suis-labiati* M. C. V. in Mol., 1861a, 511 (87).—1861: *Spiropt*.
- suis-tajassu* M. C. V. in Mol., 1858c, 388, t. h. *Dicotyles*; M. C. V., Coll. Brazil.—1858: Fil.
- suis-tajassu* M. C. V. in Mol., 1861a, 469 (45).—1861: Str. [1861: *Monodontus semi-circularis*.]
- sulcata* Rud., 1819a, 48, t. h. *Testudo mydas*; M. V.—1819: Asc.
- sulcatus* Cobb, 1915, 32; Maple River, Mich.—1915: *Dorylaimus*.
- sumatrana* Steiner, 1915, 231, marine; Sumatra.—1915: *Chromadora*.
- sumatrensis* Par., 1896(b), 111 (4), t. h. *Platyrrhacus modiglianii*; Sumatra.—1896: *Oxyuris*.
- sumatrensis* Villot, 1891c, 138; Sumatra.—1891: Gord.
- superbus* Man, 1880a, 79, in moist soil; Holland.—1880: *Dorylaimus*.
- suum* Gœze, 1782a, 71, t. h. *Sus scrofa dom.*; Germany.—1782: Asc. 1809: *Fus. lumbricoides*.
- svenskundi* Bock, 1913, 5; Spitzbergen.—1913: *Nectonema*.
- sygmoidea* Mol., 1860b, 920, t. h. *Corvus frugilegus*; Wien.—1860: *Spiropt*. 1897: *Oxyspirura*.
- sygmoidea* Linst., 1878a, 100 for *sygmoidea* (*Spiropt*.).
- sygmoideus* Mol., 1860c, 483, t. h. *Falco tridentatus*; Brazil.—1860: *Disph*. 1912: *Acuaria* (*Synhimantus*).
- sylphæ* Bosc, 1802a, 49, t. h. *Sylpha obscura*; probably for *silphæ*.—1802: Fil.
- sylvaticum* Linst., 1893e, 169, t. h. *Geotrupes sylvaticus*; Harl & Gœtt.—1893: *Allantonema*.
- sylvæ* Dies., 1851a, 281, t. h. *Sylvia abietina*; Nordm., 1832.—1851: Fil.
- sylvæ* M. C. V. in Mol., 1858c, 423; Brazil.—1858: Fil.
- sylviarum* Rud., 1819a, 77, t. h. *Sylvia fitis*, etc.—1819: *Echinor*.
- symmetricus* Cobb, 1914, 73 (39), in black clay with decayed vegetation; Arlington Farm, Va.—1914: *Tylenchus*.
- syngamus* Anacker, 1887c, 512, *Syngamus trachealis* renamed.—1887: Str.
- syngamus* Dies., 1851a, 302, *trachealis* renamed, t. h. *Phasianus gallus*, etc.: America, etc.—1851: *Sclerost*. [See *trachealis*, type of *Syngamus*.] 1887: Str.
- syngnathi-pelagici* Rud., 1819a, 191, 561, 800, t. h. *Syngnathus pelagicus*; Nap.—1819: *Dubium*. 1851: *Agamonema*. 1851: *Nematoideum dubium*.
- tabæformis* Wucherer, 1869, 171, misprint for *tubæf.* (*Doch.*).
- tacapense* Seur., 1915, 20, t. h. *Ctenodactylus gundi*; S. Tunis.—1915: *Ophiost.* 1916: *Seuratum*, tod.
- tacapensis* Seur., 1917, 214, t. h. *Ctenodactylus gundi*; Matmata, Sud-Tunisien.—1917: *Physalopt*.
- tadornaen* Chatin, 1874a, 6, misprint for *tadornæ* (*Cyathost.*).
- tadornæ* Chatin, 1874a, 1, t. h. *Anas tadorna*, *Tadorna beloni*.—1874: *Cyathost.* 1878: *Sclerost*. 1898: *Syngamus*.
- tadornæ* Rail., 1893a, 423, t. h. *Tadorna bellonii*; Ireland.—1893: *Spiropt*. [1893: *Hystrichis tricolor*.]

- taniaformis* Linst., 1890d, 179, t. h. Caranx sp.; Ing.—1890: Echinor. [1907: Echinoma.]
- teniatus* Linst., 1901b, 419, t. h. Numida rikwae; Rukwa-See.—1901: Echinor.
- tenioides* Dies., 1851a, 23, t. h. Dicholophus margrati; Rio Araguay, Matogrosso.—1851: Echinor. 1892: Gigantor. 1915: Oligacanthor.
- tenioides* Lindemann, 1865a, 496, t. h. Strix passerina; Wilno.—1865: Paradoxites.
- tenioides* Rud., 1809a, 441, t. h. Canis fam.; France.—[1789: Linguatula, type.] 1809: Polyst. (Pentast.). 1819: Pentast. 1819: Prionoderma.
- teniensis* Cam., 1897f, 2; Jujuy, Salta, Bolivia.—1897: Chord.
- talpa* Crep., 1846a, 136, t. h. Tringa pugnax; by Laurer.—1846: Spiropt.
- talpa* Gmel., 1790a, 3032, t. h. Talpa; Goeze, 1782a.—1790: Asc. [1791: Asc. strumosa. 1803: Fus. convoluta. 1809: A. st. 1819: Spiropt. st.] 1849: Spirura, tsd.
- talpa* Schrank, 1788a, 14, in Maulwurf; Goeze, 1782a.—1788: Cucullanus.
- talpa* Sieb., 1850, 358 [nv.]; Dies., 1851a, 561; t. h. Talpa europaea.—1850: Nematodeum. 1882: Trichosoma. 1915: Cap.
- tanagra* Rud., 1819a, 673, t. h. Tanagra; Brazil.—1819: Echinor.
- tanichuqi* Looss, 1914, 731, misprint for taniguchii (Microfil.).
- taniguchi* Sl. & Sw., 1912a, 402, for taniguchii (Fil.).
- taniguchii* Penel, 1905, 143, t. h. Homo; Japan.—1905: Fil. 1914: Microfil.
- tantali* M. C. V. in Mol., 1860c, 497.—1860: Spiropt.
- tantali-cayennensis* M. C. V. in Mol., 1858c, 435, t. h. Ibis cayennensis; Brazil.—1858: Fil.
- tantali-rubri* M. C. V. in Mol., 1860b, 969.—1860: Spiropt.
- tapiri* M. C. V. in Mol., 1858b, 275, t. h. Tapirus americanus.—1858: Fil.
- tapiri-americanus* M. C. V. in Mol., 1860 [nv.]; Hall, 1916a, 214.—1916: Spiropt.
- tarda* Polonio, 1859 [nv.]; Par., 1894a, 225; t. h. Bufo viridis, B. vulg. Padua.—1859 or 1894: Oxyuris.
- tardæ* Gmel., 1790a, 3034, t. h. Otis tarda; Bloch, 1782a.—1790: Asc. 1803: Fus.
- tardæ* Rud., 1809a, 308, t. h. Otis tarda.—1809: Echinor.
- tardæ* Rud., 1809a, 241, t. h. Otis tarda; by Rud.—1809: Str.
- tardieu* Mathis & Léger, 1911, 411, t. h. Centropus sinensis; Tonkin.—1911: Microfil.
- tardus* Man, 1889b, 8, free; Walcheren.—1889: Camacolaimus, mt.
- tardus* Man, 1893a, 82, marine; near Falmouth.—1893: Thalassoalaimus, mt.
- tarentolæ* Seur., 1916, 934, t. h. Tarentola mauritanica; Kouba.—1916: Acuaria.
- tatrensis* Janda, 1893a, 596; Tatragebirge.—1893: Gord.
- tatrica* Daday, 1896, 410.—1896: Monhystera.
- tatrica* Daday, 1896, 411.—1896: Chromadora.
- tatricus* Daday, 1896, 409.—1896: Deontolaimus.
- taticus* Daday, 1896, 412.—1896: Ethmolaimus.
- tauri* Rud., 1805a, 35.—1805: Asc. lumbricoides.
- tellinii* Cam., 1888e, 1; Valle del Tagliamento.—1888: Gord. 1897: Chord.
- tenax* Man, 1876a(b), 176(99); Leiden.—1876: Monhystera. 1884: Cyatholaimus.
- tenax* Mehl. in Crep., 1844a, 125, t. h. Raja clavata.—1844: Discophorus, mt.
- tendo* Nitzsch in Gieb., 1857a, 268, t. h. Falco tendo; Coll. Nitzsch.—1857: Fil.
- tenebra* Leiper, 1908, 192, possibly misprint for terebra (Fil.).
- [*tenella* Rud., 1809a, 158, probably not as specific name.—1809: Asc.]
- tenellus* Van Cleave, 1913, 188, t. h. Esox lucius; Lake Marquette, Minn.—1913: Neor. 1914: Eor. 1916: Neoechinor.
- tener* Linst., 1906, 173, t. h. Spilornis cheela; Nedunkeni, N. Province.—1906: Echinor.
- tenerrima* Crep., 1851b, 305, t. h. Acidaliæ delutata larva; by Crep.—1851: Mermis.
- tenerrimus* Linst., 1878b, 233, t. h. Anguilla vulg.; by Linst.—1878: Nematoxys.
- tentabunda* Man, 1890b, 177; St. Aubin-s.-Mer.—1890: Spilophora.
- tentaculata* Carter, 1859b, 41, on Glœocapsa on walls and gutters; Isl. of Bombay.—1859: Urolabes.
- tentaculata* Mehl. in Crep., 1846b, 162, t. h. Hirsch.—1846: Fil.
- tentaculata* Rud., 1819a, 658, t. h. Didelphys cayopolin, D. quoaiquiqua; Brazil.—1819: Asc. 1866: Oxysona.
- tentaculatus* Ehrenb. in Hempr. & Ehrenb., 1828a (Hyrax) not paged, t. h. Hyrax capensis; by H. & E.—1828: Crossophorus. 1897: Asc.
- tentaculatus* Hempr. & Ehrenb. of Nassonow, see Hall, 1916a, 43.—1897: Asc. 1916: Crossophorus.
- tenthredinis* Gmel., 1790a, 3041, in tenthredinum larva.—1790: Fil. 1851: Gord.
- tenue* Duj., 1845a, 28, t. h. Columba dom.; Mus. Wien.—1845: Calodium.
- tenue* Mar., 1870a, 21, marine; île de Pomégue.—1870: Euryst.
- tenuicauda* Cobb, 1893b, 281(32), in mud of a brook; Sydney, Australia.—1893: Tripyla.
- tenuicauda* Linst., 1883a, 293, t. h. Perdix græca; Turkestan.—1883: Het.

- tenuicauda* Linst., 1901b, 414, t. h. Equus crawshayi; Rukwa-See, Africa.—1901: Oxyuris.
- tenuicauda* Mol., 1860b, 983, t. h. Ciconia maguari, Crax tomentosa; Brazil.—1860: Spiropt.
- tenuicaudata* Bast., 1865c, 160, tide-pools; Falmouth.—1865: Spira. 1907: Sabatieria.
- tenuicaudata* Rail. & Henry, 1914, 676, for *tenuicauda* (Het.).
- tenuicaudata* Villot, 1875a, 462; Roscoff.—1875: Anticoma.
- tenuicaudatus* Bast., 1865c, 107, in mud; Tunbridge Wells.—1865: Dorylaimus.
- tenuicaudatus* Bütsch., 1874b, 268; Kieler Bucht.—1874: Linhomoeus.
- tenuicaudatus* Cobb, 1913, 442, on aquatic plants and among algae; W. Indies.—1913: Udonchus, mt.
- tenuicaudatus* Daday, 1894, 135.—1894: Trilobus.
- tenuicaudatus* Man, 1876a(b), 84; Leiden.—1876: Ironus.
- tenuicaudatus* Man, 1895, 77, in Calanthe; by Bos.—1895: Aphelenchus.
- tenuicaudatus* Marotel, 1899d, 226, t. h. Syrnum aluco; by Marotel,? France.—1899: Echinor.
- tenuicaudatus* Savelev, 1912, 111; Kolafjord.—1912: Enoplolaimus.
- tenuicaudatus* Savelev, 1912, 122, free.—1912: Cyatholaimus.
- tenuicaudatus* Stefanski, 1914.—1914: Mononchus. 1917: M. (Mononchus).
- tenuicolle* Eberth, 1863a, 23; Ing.—1863: Enchelidium.
- tenuicollis* Blgr., 1916, 426, t. h. Equus cab.—1916: Triodontophorus.
- tenuicollis* Eberth, 1863a, 41, marine; Nizza.—1863: Enoplus. 1865: Symplocost.
- tenuicollis* Froel., 1802a, 69, t. h. Wildente; by Froel.—1802: Echinor.
- tenuicollis* Rud., 1819a, 30, t. h. Falco haliaëtus.—1819: Physalopt. 1845: Spiropt.
- tenuicollis* Rud., 1819a, 47, t. h. Crocodilus lucius; Heidelberg.—1819: Asc.
- tenuicollis* Steiner, 1914, 273; apparently Switz.—1914: Dorylaimus.
- tenuicollis* Mar., 1870b, 5.—1870: Lasiomitus.
- tenuicollis* Westrumb, 1821a, 33, t. h. Perca schraester.—1821: Echinor.
- tenuicornis* Lint., 1891a, 531, see *pristis tenuicornis* (Echinor.).—1891: Echinor. *pristis*. 1905: Echinor.
- tenuis* Bast., 1865c, 119; Sandhurst.—1865: Plectus.
- tenuis* Cobb, 1894c, 420; IIs. of Ceylon.—1894: Fimbria, mt. 1905: Fimbrilla, tod.
- tenuis* Cobb, 1917n, 469, about roots of plants; Arlington Farms, Va.—1917: Mononchus (Mylonchulus).
- tenuis* Daday, 1899, 558.—1899: Aphanolaimus.
- tenuis* Daday, 1908, 14; Nyassa.—1908: Mononchus.
- tenuis* Ditlevsen, 1912, 246; Lyngbe Sø.—1912: Dorylaimus.
- tenuis* Duj., 1845a, 24, t. h. Erinaceus europæus; Wien. Paris.—1845: Eucoleus. 1851: Trichosomum (Eucoleus). 1915: Cap. (Thominx).
- tenuis* Duj., 1845a, 73, t. h. Saxicola rubetra; Rennes.—1845: Disph. 1851: Spiropt. 1912: Acuaria (Acuaria).
- tenuis* Hagmeier, 1912, 541.—1912: Mermis.
- tenuis* Leidy, 1879e, 384, t. h. Clepsine; Rhode Island.—1879: Gord.
- tenuis* Linst., 1876a, 5, t. h. Mergus merganser; Ing.—1876: Acanthophorus,?type.
- tenuis* Linst., 1879a, 166, on roots of moss; Ing.—1879: Dorylaimus.
- tenuis* Linst., 1889a, 56, t. h. Mergus merganser; Lieberk., 1855a, 314.—1855: Tropidocerca. [See also Acanthophorus tenuis.]
- tenuis* Mehl. in Crep., 1846a, 133, t. h. Phasianus colchicus; by Mehl.—1846: Str. 1909: Trichostr. 1913: Str. (Trichostr.).
- tenuis* Schlotthauber, 1860a, 126, t. h. Cuculus canorus; by Schlotth.—1860: Spiropt.
- tenuis* Schneid., G, 1906c, 28, free; Gulf of Finland.—1906: Chromadora.
- tenuis* Weyenberg, 1879, 217, t. h. Mantis precaria; Cordoba.—1879: Gord.
- tenuissima* Crep. 1851b, 305, t. h. Acidalia delutata larva; by Crep.—1851: Mermis.
- tenuissima* Rud., ?- [nv.]; Linst., 1909a, 64; in Lota vulg., Perca fluvi., Salmo salvelinus.—1909: Spiropt.
- tenuissima* Schrank, 1788a, 11, t. h. Wasserkroeten; Gœze, 1782a.—1788: Asc.
- tenuissima* Zed., 1800a, 23, t. h. Gadus lota; by Zed.—1800: Fus. 1809: Asc.
- tenuissimum* Dies., 1851a, 256, t. h. Columba dom., C. livia; Ireland.—1851: Trichosomum (Calodium).
- tenuissimum* Leidy, 1891a, 412, t. h. Mus decumanus; by Leidy.—1891: Trichosomum. [1915: Cap. leidy.]
- tenuissimus* Mazzanti, 1891b, 187, t. h. horse; by Mazzanti.—1891: Str. [1899: Str. axei. 1909: Trichostr. retortæformis. 1891: Strongilus.] 1912: Trichostr.
- tenuissimus* Rud., 1803a, 4, t. h. Strix bubo; by Rud.—1803: Trichoc. 1915: Cap. (Thominx).
- tercostata* Mol., 1860b, 947 (39), t. h. Psittacus æstivus, P. maximiliani; Brazil.—1860: Spiropt. 1910: Pelecitus.
- terdentata* Mol., 1860b, 944 (36), t. h. Tinamus variegatus; Brazil.—1860: Spiropt.

- terdaniata* Mol., 1860d, 651, t. h. *Felis concolor*, *F. tigrina*; Brazil, M. C. V.—1860: Physalopt.
- terdentatum* Linst., 1890d, 182, t. h. *Triton cristatus*; by Linst.—1890: Oxysona.
- terdentatum* Linst., 1898a, 470 (114), t. h. *Ceratodus forsteri*; Australia.—1898: Amblyonema, mt.
- terebra* Dies., 1851a, 274, t. h. *Cervus elaphus*, etc.; Brazil.—1851: Fil.
- terebra* Rud., 1819a, 668, t. h. *Scomber pelamys*; by Chamisso.—1819: Echinor.
- teres* Cobb, 1917n, 438, in the sphagnum of a blueberry pot; Eng.—1917: Mononchus (*Mononchus*).
- teres* Goeze, 1782a, 39, collective sp., t. h. birds & mammals.—1782: Asc.
- teres* Schneid., 1866a, 153, in moist soil and decaying material.—1866: Leptodera. 1866: Pelodera. 1873: Rhabditis.
- [*teres* Stein, 1878a, pl. 23 figs. 35–41.—1878: Atractonema [Protozoon].]
- teres* Tyson, 1683b, 154, t. h. *Homo*.—1683: Lumbricus.
- teres* Westrumb, 1821a, 18, t. h. *Corvus monedula*, *C. pica*; Wien.—1821: Echinor.
- teres* [anatis] Goeze, 1782a, 85, t. h. *Anas*.—1782: Asc.
- teres* [canis] Goeze, 1782a, 84, t. h. *Dachshund*.—1782: Asc.
- [*teres corporis humani* Redi, 1684a, 209, pl. 10 figs. 1–4.—1684: Lumbricus.]
- teres* [felis] Goeze, 1782a, 79, t. h. *cat*.—1782: Asc.
- teres* [galli] Goeze, 1782a, 86, t. h. *Hahn*.—1782: Asc.
- teres galli major* Rud., 1908a, 129; based on Goeze, 1782.—1809: Asc.
- teres galli minor* Rud., 1809a, 129; based on Goeze, 1782.—1809: Asc.
- teres hominis* Rud., 1809a, 124; quotes Tyson, 1683b, 154; t. h. *Homo*; by Tyson.—1809: Lumbricus.
- teres* [milvi] Goeze, 1782a, 85, t. h. *Falco milvus*; by Goeze, 1782a.—1782: Asc.
- teres* (minor) Duj., 1845a, 223, refers to Goeze, 1782a.—1845: Asc. [1845: *Het. vesicularis*.]
- teres* (minor, phasiani-galli et picti) Rud., 1809a, 129, refers to Goeze, 1782a, 86.—1809: Asc.
- teres* (variorum turdorum) Goeze, 1782, 877.—1782: Asc.
- teres vituli* Rud., 1809a, 124, refers to Vallisnieri.—1809: Lumbricus.
- teres* [vulpis] Goeze, 1782a, 84, t. h. *Fuchs*; Rekan.—1782: Asc.
- teretes* see *teres* (Lumbrici).
- teretes* Goeze of Rud., 1803a, 10.—1803: Asc.
- terminalis* Passerini, 1884a, 42, t. h. *Lepus timidus*; Toscana.—1884: Fil.
- terricollis* Rud., 1809a, 260, t. h. *Blennius viviparus*, etc.; by Rud. & Zedl.; Europe.—1809: Echinor.
- terrestris* Bütsch., 1873a, 69, Wurzeln eines Pilzes; by Bütsch.—1873: Anguillula. 1876: Teratoc., mt.
- terrestris* Cat. RCSL, 1830, 43, t. h. land tortoise.—1830: Asc. testudinis.
- terrestris* Man, 1880a, 560, free in moist soil; Holland.—1880: Rhabdolaimus, tsd.
- terrestris* Linn., 1758a, 647, in humo.—1758: Lumbricus, tsd. 1820: Lumbrici.
- terricola* Bast., 1865c, 127, in rootlets of wheat-plants; Broadmoor, Berks.—1865: Tylenchus.
- terricola* Duj., 1845a, 240–241, in soil in *Limax*, etc.; by Duj.—1845: Rhabditis, tsd. 1851: Angiost. 1888: Leptodera. [?1889: Anguillula.]
- terricola* Hagmire, 1912, 535, in soil; Pforzheimer Fundplatz.—1912: Mermis.
- terricola* Lindner, 1889b, 636; 1890a, 27. Probably either for *Rhabditis terricola* Duj., 1845, or Ang. *terrestris* Bütsch., 1873a.—1889: Anguillula.
- terricola* Man, 1907, 33, in soil; Walcheren.—1907: Euryst.
- terricola* Man, 1880a, 17.—1880: Cyatholaimus.
- terricola* Schneidem., 1896a, 305, for *terricola* (Rhabditis).
- testudinis* Rud., 1809a, 198, t. h. *Testudo vulg. aquatica*; based on Braun in Schneid.—1809: Asc.
- testudinis* Rud., 1819a, 21, t. h. *Testudo orbicularis*; C. E. V.—1819: Gaeullanus.
- testudinis terrestris* Cat. RCSL, 1830, 43, t. h. land tortoise.—1830: Asc.
- testudinis-terrestris* Rud., 1819a, 800, t. h. *Testudo terrestris*.—1819: Dubium.
- tetracanthus* Mehl., 1831a, 79, t. h. *Equus cab.*; Germany. 1831: Str. 1851: Sclerost. 1861: Cyathost., mt. 1902: Cylichnost., type. 1903: Cylicost., type. 1911: Cylicost., type.
- tetracanthcephalus* Rud., 1809a, 232, vulpis renamed, t. h. *Canis vulpes*; Germany. 1809: Str.
- tetracanthum* Schneidem., 1896a, 315, for *tetracanthum*.—1896: Sclerost. 1896: Sklerost.
- tetraonis* Gmel., 1790a, 3034, t. h. *tetrix*; Redi.—1790: Asc. 1803: Fas. [1809: A. compar. 1851: A. vesicularis. 1861: *Het. v.*]
- tetraonis* M. C. V. in Mol., 1858c, 413, t. h. *Perdix dentata*; Brazil.—1858: Fil.
- tetraonis-bonasiae* Dies., 1851a, 282, based on Nordm.—1851: Fil.

- tetraptera* Nitzsch, 1821a, 48, t. h. *Mus musculus*; Ing.—1821: Asc. 1878: *Oxyuris*.
tetraptyrus Linst., 1907, 255, t. h. *Symbranchus marmoratus*; Argentina.—1907: Pterygifer, mt.
tetricis Frøel., 1802a, 28, t. h. *Tetrao tetricus*; by Frøel.—1802: Fil. 1814: *Trichoc*.
tetrophtalmum Savelev., 1912, 124; Palafjord, Mogilnojsee.—1912; *Leptosomatum*.
texana Smith & Goeth, 1904, 542, t. h. *Homo*; Texas.—1904: Asc.
teranus Cobb, 1913, 439, roots of alfalfa; San Antonio, Tex.—1913: *Discolaimus*, tod.
thalassoma Pall., 1774, 8.—1774: *Lumbricus*. [1774: *Thalassema*. 1860: *Thalassema*.]
thalassophygus Man, 1876a(b), 181 (104).—1876: *Oncholaimus*.
thamnophili M. C. V. in Mol., 1858c, 381, t. h. *Thamnophilus canadensis*; Marabitanas, Coll. Brazil.—1858: Fil.
thamnophili Mol., 1860b, 980 (72), t. h. *Thamnophilus tigrinus*; Brazil.—1860: Spiropt.
thamugadi Maupas, 1900a, 575, in terre sablonneuse; Prov. Constantine.—1900: Alaimus.
thecatus Lint., 1891h, 528, t. h. *Roccus americanus*; N. Y.—1891: *Echinor*.
thomasi Rail. & Henry, 1909, 645, t. h. *Homo*; Brazil.—1909: Oesophagost. 1909: Oesophagost, stephanost.
thoracis cavitatis passali-cornuti Leidy, 1852b, 243, t. h. *Passalus cornutus*; by Leidy.—1852: *Nematoideum*.
thymalli Linst., 1885b, 240, t. h. *Thymallus vulg.*; Ing.—1885: Asc.
thymalli Schrank, 1803b, 220, t. h. *Aesche*.—1803: *Echinor*.
thyrsitis Linst., 1908, 21, t. h. *Thyrsites atun*; S. Africa.—1908: Asc.
tiara Linst., 1879b, 320, t. h. *Varanus ornatus*; Natal.—1879: Asc. 1904: *Tetradenos*, type. 1904: *Ctenocephalus*, mt. 1905: *Tanqua*, mt.
tigridis Gmel., 1790a, 3031, t. h. *tigris*.—1790: Asc. 1803: *Fus*. 1809: Asc. [1907: *Toxasc*.]
tigridis Rud., 1809a, 194, t. h. *Tigris*; by Duhalde.—1809: Str. 1819: Spiropt.
tigrina Shipley, 1903l, 151, t. h. *Rana tigrina*; Biscerat, Jalor.—1903: *Echinor*.
tilia Oerley, 1880a(b), 104 (97), in Lindenknospen; Darmstadt. Bütsch., 1873a, 36.—1880: *Tylenchus*.
timorensis Cam., 1895a, 9; Timor.—1895: Chord.
tinami M. C. V. in Mol., 1858c, 412, t. h. *Tinamus*; Coll. Brazil.—1858: Fil. [1858: *F. labiotruncata*.]
tinami M. C. V. in Mol., 1860b, 937, t. h. *Tinamus*; Brazil.—1860: Spiropt. [1860: *S. crassicauda*.]
tinami M. C. V. in Mol., 1860b, 938, t. h. *Tinamus*; Brazil.—1860: Spiropt. [1860: *S. bullosa*.]
tinami M. C. V. in Mol., 1860b, 944, t. h. *Tinamus*; Brazil.—1860: Spiropt. [1860: *S. terdentata*.]
tinami-macucabu M. C. V. in Mol., 1860b, 927.—1860: Spiropt. [1860: *S. posthelica*.]
tinami-macucabu M. C. V. in Mol., 1860b, 937.—1860: Spiropt. [1860: *S. crassicauda*.]
tinami-macucabu M. C. V. in Mol., 1860b, 938.—1860: Spiropt. [1860: *S. bullosa*.]
tinami-noctivagi M. C. V. in Mol., 1860b, 938, t. h. *Tinamus noctivagus*; Brazil.—1860: Spiropt. [1860: *S. bullosa*.]
tinami-variegati M. C. V. in Mol., 1858c, 427, t. h. *Tinamus variegatus*; Barra do Rio negro, Coll. Brazil.—1858: Fil.
tinami-variegati (pulbebralis) Mol., 1858c, 427, t. h. *Tinamus variegatus*; Brazil.—1858: Fil.
tinamicola Skri., 1916, 750, t. h. *Tinamus* sp.; Paraguay.—1916: *Diplotriana*.
tincae Dies., 1851a, 122, t. h. *Tinca chrysis*; Ing.—1851: *Agamonema*.
tincae Rud., 1819a, 22, t. h. *Cyprinus tinca*; C. E. V.—1819: *Cucullanus*.
tipula Ben., 1873b, 11, t. h. *Vespertilio daubentonii*, etc.; Belgium.—1873: Str.
todari delle Chiaje [nv.]; Carus, 1885, 133; t. h. *Ommastrephes todarus*; Nap.—1885: *Echinor*.
todari Chiaje, 1823, 200 [nv.]; Dies., 1851a, 205; t. h. *Loligo todarus*.—1823: Asc.
tolosanus Duj., 1842e, 146; Toulouse, France.—1842: Gord. 1897: *Parachord*., tsd.
tolusanus Criv., 1845a, 13, for *tolosanus* (Gord.).
tomentosum Duj., 1843, [335], 348, t. h. *cyprins*.—1843: *Trichosoma*. 1915: Cap.
tomordia Lane, 1914, 668, t. h. *Chelone midas*; Ceylon.—1914: *Kathlania*.
topsesti Blanc, 1912, 561, in fresh water, probably escaped from host; near Dijon.—1912: *Oxyuris*.
torpedinis Rud., 1819a, 56, t. h. *Torpedo marmorata*; Mus. Wien.—1819: Asc.
torpidus Bast., 1865c, 108, on *Festuca elatior*; Broadmoor, Berks.—1865: *Dorylaimus*.
torquata Leidy, 1886e, 312, t. h. *Meles labradorica*; America.—1886: *Physalopt*.
torquatus Frøel., 1802a, 70, t. h. *Wildente*; by Frøel.—1802: *Echinor*.

- torta* Mol., 1858c, 390, t. h. *Cebus lagotherix*; Brazil.—1858: Fil.
- tortuosus* Leidy, 1850b, 97, t. h. *Didelphys virginiana*; U. S. A.—1850: Echinor.
- tortus* Linst., 1906, 750, t. h. *Cistudo ornata*; Ing.—1906: Proleptus.
- torulosus* Mol., 1861a, 502, t. h. *Cebus capucinus*; M. C. V.—1861: Str.
- totani* Linst., 1875a, 200, t. h. *Totanus hypoleucus*; by Linst.—1875: Trichosoma. 1915: Cap. (Thominx).
- totani* M. C. V. in Mol., 1860b, 969, t. h. *Totanus*; Brazil.—1860: Spiropt. [1860: S. umbellifera.]
- totani* Porta, 1910, 701, t. h. *Totanus canescens*; Firenze.—1910: Echinor.
- trabeculosa* Schneid., 1906c, 13, in Schlamm; Gulf of Finland.—1906: Monhystera
- trachea-piniperda* Dies., 1861a, 610, t. h. *Trachea piniperda*; Wien, Frauenf. 1853b, 128.—1861: Mermis.
- trachealis* Cobbold, 1864b, 333, t. h. *Homo*; Eng.—1864: Fil. 1864: Nematoideum. 1879: Fil. (N.).
- trachealis* Gmel., 1790a, 3035, t. h. *Bufo*; 1782.—1790: Asc.
- trachealis* Mol., 1858c, 420, t. h. *Canis brachyurus*; Rio Araguay.—1858: Fil. canis-brachyuri.
- trachealis* Sieb., 1836a, 105, trachea renamed, t. h. *Phasianus gallus*, etc.—1836: Syn-gamus, mt. 1837: Str. 1851: Sclerost. 1890: Synyamus.
- tracheo-bronchialis* Dolley, 1894a (1901), 995.—1894: Fil. [1894: Fil. lymphatica.]
- tracheo-bronchialis canis* Fiebiger, 1912, 235, for bronchialis canis=osleri (Fil.).
- transfuga* Rud., 1819a, 40, 273, t. h. *Ursus arctos*, *U. maritimus*; M. V.—1819: Asc.
- transfuga* Par., 1896c, 5, for transfuga (Asc.).
- transversata* Linst., 1907, 258, t. h. *Cephalophus melanorheus*, *Troglodytes niger*; Kamerun.—1907: Fil. 1911: Setaria.
- transversus* Rud., 1819a, 69, t. h. *Motacilla staphazina*, etc.; M. V.—1819: Echinor.
- trapezoides* Dugès, [nv.]; Kleinberg, 1879a, 206.—1879: Lumbricus.
- travancra* Lane, 1914, 393, t. h. *Elephas indicus*; India.—1914: Quilonia. 1915: Evansia.
- trifusiformis* Man, 1907, 233; Ierseke.—1907: Cobbia, mt.
- triacanthus* Dies., 1853a, 35, t. h. *Scarabæus* (*Geotrupes*) *stercorarius*; by Stein.—1853: Cephalacanthus.
- trixophora* Mehl. in Crep., 1846a, 135, t. h. *Ardea stellaris*.—1846: Spiropt.
- trixophora* Wright, 1879a(b), 72(21), t. h. *Botaurus minor*; Toronto.—1879: Fil. [1916: Streptocara.]
- triangulum* Linst., 1904f, 6, t. h. *Calotes ophiomachus*; Colombo.—1904: Spiropt.
- tribothrioides* Cobbold, 1859d, 365, t. h. *Anas obscurus*; Gr. Brit.—1859: Asc.
- trichimus* Mans., 1903, 639, misprint for trichiurus (*Trichoc.*).
- trichina* Dav., 1863a, 117, for spiralis 1835, t. h. *Homo*.—1863: Pseudalius.
- trichina* Moq.-Tand., 1860a, 324, for trichiura (Asc.).
- trichiura* Linn., 1771b, 543, t. h. *Homo*; Germany.—[1761: *Trichuris*, mt.] 1771: Asc. [1782: *Trichoc.* 1790: *Trichoc.* 1800: *Mastigodes*.] 1895: *Trichoc.*, type. 1896: *Trichuris*, type. 1901: *Trichuris*, type. 1913: *Trichurus*. 1914: *Trin-choc.*
- trichiuri* Holten, 1802a, 26, t. h. *Trichiurus gladius*.—1802: Echinor.
- trichiuri* Holten, 1802a, 27, t. h. *Trichiurus gladius*.—1802: Diplasia, mt.
- trichiuria* Mukerji & Dass, 1915, misprint for trichiura, 205 (*Trichoc.*).
- trichiuri* Simon, 1907a, 311, for trichiurus.—1907: *Trichoc.* 1913: *Trichuris*. 1916: *Trichoc.*
- trichocephala* Schrank, 1797, 232.—1797: Linguatula. [1809: *Trichoc. capillaris*. 1819: *Trichosoma brevicolle*.]
- trichocephalus* Leuck., 1876a, 735, hng.; Florida.—1876: Echinor. 1912: Arhythmor.
- trichocephalus* Osman Galeb, 1878b, 300, misprint for trigonoc. (Doch.).
- trichodes* Leuck., 1849, 157, marine; Iceland.—1865: Hemipsilus.
- trichosuri* Breinl, 1913, 39, t. h. *Trichosurus vulpecula*; N. Queensland.—1913: Fil. 1913: Microfil.
- trichiura* Werner, 1782b, 84, misprint for trichiura (Asc.).
- trichura* Mehl. in Crep., 1846a, 147, t. h. *Triton alpestris*; by Mehl.—1846: Asc.
- trichura* Rud., 1809a, 89, misprint for trichiura (Asc.).
- trichuria* Hooper, 1799a(b), 252(31), for trichiura (Asc.).
- trichuris* Blumenb., 1779a, 410 t. h. *Homo*; Gett.—1779: Echinor. 1913: *Trichuris*. 1907: *Trichoc.*
- trichuris* Cobb, 1893b, 256(7), on celery; Sydney, N. S. W.—1893: Diplogaster.
- trichurus* Cobb, 1917n, 438, about roots of orange trees; Bahia, Brazil.—1917: Monon-chus (*Iotonchus*).

- tracirratum* Linst., 1901b, 415, t. h. *Sternotherus nigricans*: Rukwa-See, Africa.—1901: *Oxysoma*.
- tricolor* Duj., 1845a, 290, t. h. *Anas boschas dom.*, A. b. fera; Rennes.—1845: *Hys-trichis*, mt. 1851: *Spiropt*.
- tricornata* Mol., 1858c, 400, t. h. *Pipra inornata*; Brazil.—1858: Fil.
- tricusps* Wolffh., 1900a, 32, misprint for *tricusps* (Fil.).
- tricuspidata* Brug., 1791a, 91, pl. 30 figs. 7–9, t. h. *Canis fam. hispan.*; quotes Bloch.—1791: Asc.
- tricuspidatus* Duf., 1828d, 222, t. h. *Gryllus burdigalensis*; by Dufour.—1828: Fil. 1855: Gord. 1897: *Paragord*.
- tricuspidatus* Meissner, 1855a, 55, *gratianopolensis* renamed.—1855: Gord. [See *tricuspidatus*, 1828.]
- tricuspidatus spiralis* Dies., 1861a, 604, t. h. *Decticus albifrons*; Sicilia.—1861: Gord.
- tricusps* Fedtsch., 1874a, 60, t. h. *Corvus cornix*; Asia.—1874: Fil. 1905: *Aprocta*. 1915: *Diplotriena*.
- tricusps* Leuck., 1865a, 227, t. h. *Felis dom.*; Germany.—1865: *Ollulanus*, mt. 1876: *Ollulanus*.
- tricusps* Marotel, 1912, 208, t. h. *Ovis aries*; France.—1912: *Ostertagia*.
- tridens* Duj., 1845a, 23, t. h. *Sylvia lusciniæ*; Rennes.—1845: *Thominx*. 1851: *Trichosomum* (*Thominx*). 1915: *Cap*. (*Thominx*).
- tridens* Mol., 1858c, 393, t. h. *Cassicus ater*, etc.; Europe & Brazil.—1858: Fil.
- tridentata* Linst., 1877a, 10, t. h. *Colymbus arcticus*; by Linst.—1877: Fil. 1900: *Spiropt*. 1916: *Streptocara*.
- tridentatus* Man, 1876a, 186; Leiden.—1876: *Mononchus*. 1916: *Anatonchus*, tod. 1916: *Iotonchus* [error]. 1917: M. (M.), and M. (A.).
- tridentatus* Drasche, 1884, 116, t. h. *Vastres cuvieri*, lng.—1884: *Cucullanus*. 1915: *Camallanus*.
- tridentatus* Duj., 1845a, 233, among algae; Toulon, in sea water; Cette, etc.—1845: *Enoplus*, probably type. [1845: *Tricontus*, probably type.]
- tridentatus* Metchn., 1864b, 141.—1864: *Diplogaster*.
- tridentatus* Savelev, 1912, 116; Kolafjord.—1912: *Enoploides*.
- triestinus* Woltereck in Hempelm., 1906, 605, free; Trieste.—1906: *Polygord*.
- trifida* Cuillé, etc., 1911 [nv.]; Godæst, 1911a, 119, t. h. *Ovis aries*.—1911; *Ostertagia*.
- trifurcata* Rans., 1907k, 2, t. h. *Capra hircus*, *Ovis aries*; U. S. A.—1907: *Ostertagia*. [?1911: Str.]
- trifurcatum* Lane, 1917, 427, t. h. *Bos indicus*; Darjeeling.—1917: *Oesophagost. radia-tum*.
- trifurcatus* Marotel, 1911, 183, t. h. *Ovis aries*.—[?1907: *Ostertagia*.] 1911: Str.
- trifurcatus* White, 1861a, 175, t. h. possibly *Homo*; by Bowditch.—1861: Gord.
- trifurcatus-varius* Cat. Boston Soc. Nat. Hist. MS. in Stiles, 1907c, 55; Maine, U. S. A.—1907: *Paragord*.
- triglæ* Dies., 1851a, 286, t. h. *Trigla cuculus*.—1851: Fil.
- triglæ* Rud., 1819a, 80, t. h. *Trigla adriatica*; C. E. V.—1819: *Echinor*.
- triglæ-adriaticæ* Rud., 1819a, 195, t. h. *Trigla adriatica*; Rimini.—Dubium.
- trigl[æ]-gurn[ard]* Rathke, 1799a, 72, t. h. *Trigla gurnardus*; Rathke.—1799: *Echi-nor*.
- triglæ-hirundinis* Rud., 1819a, 195, 566, 800, *Trigla hirundo*; Rimini.—1819: Dubium. 1851: *Agamonema*.
- trigocephalus* Francis, 1894a, 452, for *trigonocephala* (Unc.).
- trigonocephalus* Carità, 1887a, 57, misprint for *trigonocephalus* (Doch.).
- trigonocephalus* Miller, 1903a, 491, misprint for *trigonoc*. (Dochmius).
- trigonocephalus* Wucherer, 1869, 171, misprint for *trigonoc*. (Doch.).
- trigonocephalum* from *Cynailurus jubatus*.—1911: *Ankylostomum*.
- trigonocephalum* as syn. of *stenoc*.—Looss, 1898a, 446.—1898: *Ankylostoma*.
- trigonocephalus* Rud., 1808a, pl. 2 figs. 5–8, a very much confused species, includes in its history at least 3 or 4 distinct species; see other entries.—1808: Str. 1831: Str. 1845: *Dochmius*. 1854: *Dochmius*. 1862: *Dachmius*. 1885: Unc. 1885: *Ankylostomum*. 1885: *Ankylostomum* (Str.). 1888: *Ankylostoma*. 1889: *Ankylostomum* (Str.). 1889: *Docmius*. 1896: *Ankylostomum*. 1897: *Anchylostomum*. 1898: *Ankylostoma*. 1898: *Ankylostomum*. 1898: *Anchylostomum*. 1900: Unc. (*Monodontus*). 1900: *Monodontus*. 1902: *Bunost*. 1909: *Ancylos-toma*. 1911: *Ancylostoma*. 1911: *Ankylostomum*. 1912: Str.
- trigonocephalus* Rud., 1808a, of Duj., 1845a, 277, includes *tetragonoc*. and *vulpis*, in *Canis vulpes*; Rennes.—1845: *Doch*. 1862: *Dachmius*. 1889: *Docmius*.
- trigonocephalus* Rud., 1808, of Erc., 1854, t. h. *Canis fam.*; Europe; see *canina*.—1854: *Doch*. 1859: *Doch*. 1862: *Dachmius*. 1885: Unc. 1888: *Ankylostoma*. [1889: Unc. *canina*.] 1902: Unc. *canina*. 1898: *Uncinaria*. 1900: U. *canina*.

- trigonocephalus* Rud., of Gurlt., 1831a, in *Canis* fam., see *stenocephala*.—1831: Str. 1859: Doch. 1885: *Ankylostoma*.
- trigonocephalus* Rud., 1808a, of Linst., 1885b, 238, in *Canis vulpes*.—1885: *Ankylostomum*.
- trigonocephalus* Rud., 1808a, of Linst., 1885b, 238, in *Canis azaræ*.—1889: *Ankylostomum* (Str.).
- trigonocephalus* Rud., of Linst., 1896a, 18, in *Canis lagopus*.—1896: *Ankylostomum*.
- trigonocephalus* Rud., 1808a, of Rail., 1900d, 87, and 1900e, 106, t. h. *Ovis aries*; Alfort Mus.—1808: Str. 1900: Unc. (*Monodontus*). 1900: *Monodontus*. 1902: Bunost., tod.
- trigonocephalus* Rud., from *Sus scrofa*; Mus. Berl.; see Rail., see *longemucronatum*.—1912: Str.
- trigonocephalo* Cuille, 1908, 747, for *trigonocephalum* (*Anchilostoma*, *Ancylostoma*).
- trigonocephalus* Carita, 1887c, 136, for *trigonocephalus* (Doch.).
- trigonophalus* Rud., 1805, 36, nomen nudum, t. h. given as *Canis* fam., later shown to be *Ovis aries*; Alfort Mus.—1805: Str.
- trigonouphalus* Wucherer, 1868, 230, misprint for *trigonocephalus* (Docmius).
- trigonura* Dies., 1851a, 186, t. h. *Cobitis barbatula*; Ireland.—1851: Asc.
- trigora* Zsch., 1896, 784, misprint for *trigonura* (Asc.).
- tricuspis* Schneidem., 1896a, 321, for *tricuspis* (Ollulanus).
- trilabium* Linst., 1904f, 7, t. h. *Centropus sinensis*; Horana.—1904: Het. 1914: *Ascaridia*.
- trilobum* Linst., 1875a, 198, t. h. *Vanellus cristatus*; by Linst.—1875: *Trichosoma*. 1915: Cap. (Thominx).
- trilobus* Villot, 1874a, 59; Jersey, Mus. Par.—1874: Gord.
- trilobus* Villot of Oerley, 1881a, 330; Lima, Peru.—1881: Gord.
- tringæ* M. C. V. in Rud., 1819a, 10, t. h. *Tringa aplina*; C. E. V.—1819: Fil.
- trinodosa* Zed., 1803a, 55, t. h. *Salmo salar*.—1803: *Capsularia*.
- trienucha* Skrz., 1916, 517, for *trienucha*, 1879 (*Streptocara*).
- tripapillatus* Daday, 1905, 67, in fresh water; Paraguay.—1905: *Dorylaimus*.
- tripartita* Linst., 1906, in Excrement eines Affen; Ing.—1906: *Rhabditis*.
- triplogaster* Oerley, 1880a (b), 69 (57).—1880: *Plectus*.
- tripunctatus* Miell., 1786a, 52.—1786: *Vibrio*. [1838: *Navicula gracilis*.]
- triquedra* Zed., 1800a, 43, for *triquetra* (Fus.).
- triquetra* Schrank, 1790a, 120, t. h. *Vulpes*; Schrank.—1790: Asc. 1800: Fus. 1809: Asc. [1907: *Belasc*.]
- triradiata* Hall, 1916a, 66, in *Ammospermophilus leucurus cinnamomeus*, *Callospermophilus lateralis*; Colo.—1916: *Oxyuris*.
- trispinosa* Rail. & Henry, 1916, 248, new name for *Oxyuris ornata* of Walter, 1856a.—1916: *Cosmocerca*.
- trispinosus* Leidy, 1851b (1904a), 240 (58), t. h. *Emys guttata*.—1851: *Cucullanus*. 1915: *Camallanus*.
- trispinulosa* Dies., 1851a, 274, t. h. *Canis* fam. *fricator*; by Gescheidt.—1851: Fil.
- tristichoxeta* Panceri [nv.]; Schep., 1907a, 159.—1907: *Chaetosoma*.
- tristis* Ditlevsen, 1912, 235; in the Furesö.—1912: *Cylindrolaimus*.
- tritici* Bast., 1865c, 107, at roots of wheat; Broadmoor, Berks.—1865: *Dorylaimus*.
- tritici* Bast., 1865c, 120, in sheaths of wheat; Broadmoor, Berks.—1865: *Plectus*.
- tritici* Steinbuch, 1799a, 251 [in wheat; based on Roffredi, 1775a].—1790: *Vibrio*. 1845: *Rhabditis*. 1857: *Anguillula*. 1859: *Anguillulina*, probably type. 1862: *Anguilla*. 1865: *Tylenchus*. 1877: *Anguilla*. 1909: *Dylenchus*.
- tritonis* Dies., 1861a, 667, t. h. *Triton tæniatus*; Clap., 1859.—1861: Asc.
- tritonis* Krabbe, 1857a, 520, t. h. *Triton punctatus*; Paris.—1857: *Trichosoma*.
- tritonis* Linst., 1877a, 12, t. h. *Triton tæniatus*; Ing.—1877: *Agamonematodum*. 1909: *Agamonema*.
- tritonis* Westrumb, 1821a, 42, t. h. *Triton alpestris*; M. C. V.—1821: *Echinor*.
- tritonis-cristati* Dies., 1861a, 692, t. h. *Triton cristatus*; Wedl; Krabbe, 1857a, 520–522.—1861: *Trichosoma*. 1915: Cap.
- tritonis-punctati* Dies., 1851a, 262, t. h. *Lissotriton punctatus*; Medoniae; Duj. 1845a, 21.—1851: *Trichosomum*. 1915: Cap.
- trivalens* Zach., 1912, 718.—1912: Asc. *megaloccephala*.
- trochili* M. C. V. in Mol., 1858c, 426, t. h. *Trochilus amethystinus*; Brazil.—1858: Fil.
- trochili-amethystini* Mol., 1858c, 426, t. h. *Trochilus amethystinus*; Brazil.—1858: Fil.
- trogonis-cincti* M. C. V. in Mol., 1860b, 936.—1860: *Spiropt.* [1860: *S. semilunaris*.]
- trogonis-melanuri* M. C. V. in Mol., 1860b, 936, so. *semilunaris*.—1860: *Spiropt.*
- trogonis-violacei* M. C. V. in Mol., 1858c, 377, so. *circumflexa*, t. h. *Trogon aurantius*; Brazil.—1858: Fil.
- tropica* Rud., 1809a, 56.—1809: Fil. [1809: *F. medinensis*.]
- truncata* Ben., 1871a, 19, t. h. *Raia clavata*; Belgium.—1871: *Eustoma*, mt.

- truncata* Crep., 1825a, 12, t. h. *Upupa epops*: by Crep.—1825: Spiropt. 1845: Disph.
truncata Mans., 1907 [nv.]: Braun, 1908a, 365: t. h. *Homo*.—1907: Fil. ozzardi.
truncata Rud., 1793a, 12, t. h. *Ursus meles*: by Rud.—1793: Asc. [1801: Lior., ? type.]
 1802: Lior., ? type.
truncata Rud., 1809a, 59, t. h. *Tinea padella*: by Nitzsch.—1809: Fil. 1815: Gord.
 (Fil.). [1865: *Mermis albicans*.] 1892: *Mermis*.
truncata Schneid., 1866a, 60, t. h. *Phasianus gallus*: Brazil.—1866: Physalopt.
truncata Zed., 1803a, 105, hermaphrodita renamed, t. h. *Psittacus aestivus*.—1803:
 Fus. 1809: Asc. 1845: Asc. (*Ascaridia*, tsd.). 1866: Het. 1912: *Ascaridia*,
 type.
truncato-caudata Deslgch., 1824p, 394, in Vanneau [*Vanellus cristatus*]: by Deslgch.—
 1824: Fil.
truncatula Rud., 1809a, 173, t. h. *Perca fluviatilis*, *P. lucioperca*: by Rud.—1809: Asc.
truncatula Rud., 1819a, 214, t. h. *Phalangium cornutum*, *P. opilio*: Europe.—1819:
 Fil. 1851: Gord. 1861: *Mermis* [*Agamomermis*].
truncatula Hofer, 1904a, 284, for *truncatula* (Asc.).
truncatus Bast., 1865c, 101, in water: Falmouth.—1865: *Mononchus*, tsd.
truncatus Bast., 1865c, 101, in water: Falmouth.—1865: *Mononchus*, tsd. 1916: M.
 (M., type).
truncatus Cobb, 1913, 440, roots of cotton plants: S. Carolina.—1913: *Antholaimus*,
 mt.
truncatus Cobb, 1914, 38: Silver Springs, Fla.—1914: *Cyatholaimus*.
truncatus Lam., 1801a, 339, in horses, dog, etc.—1801: Crino, mt.
truncatus Nitzsch, in Gieb., 1857a, 269, t. h. Rehbock: Germany.—1857: Str.
truncatus Rud., 1814a, 88, t. h. *Silurus glanis*: by Rud.—1814: *Cucullanus*.
truncatus Schrank, 1829 [nv.]: Ehrenb., 1838a, 83.—1829: *Vibrio*. [1838: ? *En-*
chelys.]
truncatula Sieb., 1854a, 111, lapsus for *truncatula* (Asc.)
trutta Dies., 1851a, 51, apparently for *annulatus*, in *Salmo trutta*, quotes Fabr., 1794,
 38, pl. 4 figs. 4-6.—1851: *Echinor*.
trutta Fabr., 1794, 30, t. h. *Salmo trutta*.—1794: *Cucullanus*.
trutta Gmel., 1790a, 3036, t. h. *fario*: Goeze, 1782a.—1790: Asc. 1803: Fus. 1809:
 Asc. [1851: Asc. *obtusocaudata*.]
trutta Schrank, 1788a, 24, t. h. *Salmo fario*: Goeze, 1782a.—1788: *Echinor*.
tuba Rud., 1802a, 57, t. h. *Strix flammea*.—1802: *Echinor*.
tubæformis Sons., 1889g, 282, misprint for *tubæformis* (Str.).
tubæformis Leuck., 1868a, 466, in Affen: quotes Schneid.—1868: *Trichoc*.
tubæformis Zed., 1800a, 73, t. h. *Felis dom.*: Europe.—1800: Str. 1845: Doch. 1859:
 Ophiost. 1866: Doch. 1871: Str. (Doch.). 1885: *Ankylostomum*. 1888: *Anky-*
lostoma. [1885: *Ancylostoma*.] 1889: Docmius. 1898: Unc. 1899: *Anchy-*
lostomum. [1900: Unc. sp.] [1900: Unidentifiable.]
tubæformis balsami (Par. & Grassi, 1877) Lutz, in Thornhill, 1895a, 383, in cat.—1895:
 Doch.
tuberculata Linst., 1877a, 11, t. h. *Hirundo urbica*: Ing.—1877: Fil.
tuberculata Linst., 1902a, 219, t. h. *Dacelo gigantea*: S. E. Africa.—1902: Spiropt.
tuberculata Linst., 1904n, 300, t. h. *Trachysaurus rugosus*: Australia.—1904: *Oxyuris*.
tuberculatum Linst., 1903k, 114, t. h. *Megalophrys montana*: Siam.—1903: *Oxysoma*.
tuberculatus Linst., 1914, 39, t. h. *Acipenser ruthenus*: Biol. Station Wolga.—1914:
Trichosoma. 1915: Cap. (Cap.).
tuberculatus Par. & Stoss., 1901a (1902a), 1 (7), t. h. *Dasypus* sp., *D. villosus*: Genova
 from Argentina.—1901: *Oesophagost*.
tuberculatus Eberth, 1863a, 38, marine: Nizza.—1863: *Enoplus*. 1865: *Phanoderma*.
tuberculatus Linst., 1901b, 417: Nyassa-See, bei Langenburg.—1901: Chord.
tuberculatus Villot, 1874a, 63: Roehampton, New Holland; Mus. Par.—1874: Gord.
tuberosa Linst., 1906, 172, t. h. *Mabuia carinata*: Colombo—1906: Fil.
tuberosus Zed., 1803a, 163, t. h. *Cyprinus rutilus*: quotes Müell.—1803: *Echinor*.
tubicola Müell., 1776, 216.—1876: *Lumbricus*.
tubifer Cobb, 1914, 73 (39); Arlington, Va.—1914: *Plectus*.
tubifera Fab., 1780a, 273, t. h. *Phoca barbata*: Greenland.—1780: Asc. 1790: *Echinor*.
 1791: *Proboscidea*. [1801: Lior.] 1803: *Echinor*.
tubifex Müell., 1774, 27.—1774: *Lumbricus*. [1816: *Tubifex*, tat.]
tubifex Nitzsch in Rud., 1819a, 31, t. h. *Mergus merganser*: by Nitzsch.—1819: Str.
 1851: Eustr. 1909: *Eustrongylides*, tod. 1861: *Hystrichis*.
tubifex tantali M. C. V. in Mol., 1861a, 609, (185), t. h. *Ibis nudifrons*: Brazil.—1861:
 Str.
tubiforme Perronc., 1882a, 368, see *tubæformis* (Str.).
tubiformis Crep., 1847a, 290, for *tubæformis*.—1847: Str. 1900: Unc.

- ulostoma* Hempr. & Ehrenb. in Schneid., 1866a, 80, 102, t. h. Vultur percnopterus; Tor.—1866: Spiropt. 1866: Fil.
- tulura* Leidy, 1887b, 21, t. h. Buteo lineatus; Penn.—1887: Asc.
- tumbridgensis* Oerley, 1880, 138, misprint for tunbridgensis (Mononchus).
- tumefaciens* Henry & Blanc, 1912, 390, t. h. Macacus cynomolgus.—1912: Physalopt.
- tumescens* Linst., 1896a, 12, t. h. Atherinichthys microlepidotus; Coll. Mich.—1896: Echinor.
- tumida* Zed., 1803a, 61, t. h. Anas querquedula; by Zed.—1803: Cap. 1828: Trichosoma.
- tumidulus* Rud., 1819a, 69, t. h. Crotophaga ani, Falco albicollis; Brazil.—1819: Echinor. 1914: Chentror.
- tumidus* Mehl. in Crep., 1846a, 151, t. h. Pleuronectes; by Müell.—1846: Echinor.
- tunbridgensis* Schneid., 1866a, 174, t. h. Delphinus phocaena; Kiel.—1866: Pseudalius.
- tunbridgensis* Bast., 1865c, 102, in pond; Tunbridge Wells.—1865: Mononchus. 1916: M. (M.).
- tunicatus* Dies., 1839a, 230 t. h. Manatus exunguis; Borba.—1839: Heterocheilus, mt. 1841: Heterochilus.
- tunitæ* Weiss, 1914, 120, t. h. Sula bassana; Ile de Djerba.—1914: Corynosoma hystrix.
- turbinella* Dies., 1851a, 54, t. h. Delphinus hyperoodon; M. C. V.—1851: Echinor. 1908: Bolbosoma. 1908: Bolbor. 1915: Pomphor.
- turbo* Marcinowski, 1909, 135.—1909: Tylenchus.
- turdi* Gmel., 1790a, 3034, t. h. Turdus; Gœze, 1782a.—1790: Asc.
- turdi* Linst., 1877b, 173, t. h. Turdus iliacus; Ratzeburg.—1877: Fil. 1911: Spiropt.
- turdi* M. C. V. in Mol., 1858c, 396, t. h. Anabates rufifrons; Cuyaba.—1858: Fil. [1858: F. filiformis.]
- turdi* M. C. V. in Mol., 1858c, 423.—1858: Fil. [1858: F. turdi-olivascens palpebralis.]
- turdi* M. C. V. in Mol., 1858c, 425.—1858: Fil. [1858: F. myotheræ-campanisonæ.]
- turdi* Mol., 1860b, 979 (71), t. h. Turdus musicus; M. C. V.—1860: Spiropt. [1913: ? Viguiera.]
- turdi* Rud., 1819a, 15, t. h. Turdus viscivorus; Wien.—1819: Trichosoma. 1915: Cap.
- turdi* Rud., 1819a, 711, 800, t. h. Turdus; Brazil.—1819: Dubium. 1851: Nematoideum.
- turdi-atrogularis* Linst., 1883a, 288, t. h. Turdus atrogularis; Turkestan.—1883: Fil.
- turdi-iliaci* Dies., 1851a, 184, t. h. Turdus iliacus; Gœze, 1782a.—1851: Asc.
- turdi-musici* M. C. V. in Mol., 1860b, 979.—1860: Spiropt.
- turdi-olivascens* Linst., 1878a, 90, t. h. Turdus olivascens.—1878: Fil.
- turdi-olivascens (palpebralis)* Mol., 1858c, 423, t. h. Turdus olivascens; Matogrosso.—1858: Fil.
- turdi-pilaris* Dies., 1851a, 184, t. h. Turdus pilaris; Gœze, 1782a.—1851: Asc.
- [*turdorum*] Gœze, 1782a, 77.—1782: Asc. teres [variorum].
- turdorum* Rud., 1819a, 9, t. h. Turdus pilaris, T. viscivorus; C. E. V.—1819: Fil.
- turgida* Rud., 1819a, 644, t. h. Didelphys cayopollin; Brazil.—1819: Physalopt. 1845: Spiropt. 1889: Physalopt.
- turgida* Schneid., 1866a, 69, t. h. Ameiva teguixin; Brazil.—1866: Het.
- turgida* Stoss., 1902d (e), 72 (12), t. h. Larus argentatus; Cagliari.—1902: Aprocta.
- turgida* Stoss., 1902d (e), 73 (13), t. h. Didelphys azare; Argentina.—1902: Gnathost.
- turgida* Stoss., 1902e, 2, t. h. Didelphys crassicaudata; Buenos Aires.—1902: Asc.
- turkestanicum* Skrj., 1915, 131, t. h. Falco tinnunculus; Turkestan.—1915: Serratospiculum, tod.
- turrifer* Schrank, 1829 [nv.]; Ehrenb., 1838a, 83.—1829: Vibrio. [1838: Cocconema? (Navicula?)]
- turula* Stiles & Hass, 1894e, 340, misprint for tulura, in Buteo lineatus; Coll. Leidy.—1894: Asc.
- tylenchiformis* Daday, 1905, 62, in fresh water; Paraguay.—1905: Hoplolaimus, mt.
- typica* Cobb, 767, coast of Ceylon.—1890: Anticoma [not type].
- typica* Dies., 1861a, 644, t. h. Dicholophus marcgravi; Brazil.—1861: Allodapa.
- typicus* Brakenhoff, 1914, 281, see ignavus of Bast.; Eng.—1914: Ironus ignavus.
- typicus* Cobb, 1891c, 157; Bay of Nap.—1891: Dipeltis, tod. 1905: Diplopeltis, tod.
- typicus* Man, 1880a, 64, in sand; Holland.—1880: Tytolaimophorus, tod.
- typicus* Man, 1907, 242, free; Ierseke.—1907: Metalinhomæus, tod.
- typicus* Dies., 1861a, 669, t. h. Delphinus; Mus. Hainiense; Atlantic.—1861: Conoc., mt. 1894: Asc. (Peritrachelius). 1894: Peritrachelius.
- typicus* Savelev, 1912, 115, in Schlamm; Kolafjord.—1912: Enoploides, tod.
- typographi* Fuchs, 1914, 195, t. h. Ips typographus.—1914: Tylenchus dispar.
- typographi* Fuchs, 1914, 203, t. h. Ips typographus.—1914: Tylenchus contortus.
- uganda* Leiper, 1911, 554, t. h. monkey; Uganda.—1911: Spiropt.

- umbellifera* Mol., 1860b, 968, t. h. *Ibis rubra*, *Totanus melanoleucus*; Brazil.—1860: Spiropt. 1916: *Schistorophus*. 1916: *Sciadiocara*.
- umbrina-vulgaris* Dies., 1851a, 119, t. h. *Umbrina vulg.*; Nap.—1851: *Agamonema*.
- uncata* Daday, 1911, 488 [; *Vierwaldstætter-See*].—1911: *Limnomermis*.
- uncatus* Daday, 1908, 18.—1908: *Cephalobus*.
- uncinata* Drasche, 1884b, 327, t. h. *Testudo græca*; Trieste, or Wien Mus.—1884: *Oxyuris*.
- uncinata* Erc., 1859a, 362, t. h. *Equus caballus*; by Erc.—1859: *Trichina*.
- uncinata* Rud., 1819a, 26 t. h. *Anser dom.*; Ber.—1819: Spiropt. 1866: Fil. 1893: Disph. 1912: *Acuaria* (*Hamannia*, tod.). 1912: *Echinuria*.
- uncinata* Rud., 1819a, 661 of Trav., 1914, 139, in *Cavia porcellus*, *C. paca*; S. America.—1819: Asc. 1914: *Paraspidodera*, tod.
- uncinata* Rud., 1819a, 661, t. h. *Cavia aperea*, *C. paca*; Brazil.—1819: Asc. 1866: Het. [1914: *Paraspidodera*, tod.] 1916: *Subulura*.
- uncinata* Schneid., 1866a, 348.—1866: *Leptodera*. 1885: *Rhabditis*.
- uncinata* Zed., 1803a, 37, nuptæ renamed, t. h. *Phalæn. nupta*.—1803: Fil.
- uncinatus* Kaiser, 1893a, 14, hng.; Florida.—1893: *Echinor*. 1912: *Arhythmor*.
- uncinatus* Lundahl, 1848a, 283, t. h. *Anser albifrons*, etc.; by Lundahl.—1848: Str.
- uncinatus* Mol., 1858d, 154, t. h. *Trygon brucha*; Padua.—1858: *Echinocephalus*, type. 1904: *Cheiracanthus*. 1905: *C.* (*Echinocephalus*).
- uncinatus* St. Joseph, 1900a, 227, t. h. *Loimia medusa*; Senegal.—1900: Lior.
- unciniformis* Stoss., 1896a, 88 (82), misprint for *cuneiformis* (Asc.).
- uncinipenis* Mol., 1860b, 928, t. h. *Rhea americana*; Brazil.—1860: Spiropt. 1861: *Cheilospirura*. 1911: *Spirura*.
- unciphaurus* Nev.-Lem., 1912a, 705, misprint for *unciphorus* (*Synthetocaulus*).
- unciphorus* Rail. & Henry, 1907a, 753, in *chèvre*, *mouton*; lng.—1907: *Synthetocaulus*.
- undula* Müell., 1773b, 43, in *aqua Lemna cooperta*.—1773: *Vibrio*.
- undularis* Rud. [nv.]; Gieb., 1857a, 269, ? for *nodularis* (Str.).
- undulatus* Linst., 1906, 257, t. h. *Mantis* sp.: *Sydnev*.—1906: Chord.
- undulatus* Nitzsch in Gieb., 1857a, 268 (94), t. h. *Falco brachydactylus*; Germany.—1857: *Echinor*.
- undulus* Rail. & Henry, 1915, 451, t. h. *Damonia reevesi*, *Cisternon*; Mus. Kœnigsb.—1915: *Camallanus*.
- undulosa-striata* Baird, 1862b, 113, t. h. *Sarcoramphus papa*; Brit. Mus.—1862: Asc.
- unguiculata* Rud., 1819a, 4, t. h. *Alauda arvensis*; by Klug.—1819: Fil.
- unguiculata* Rud., 1819a, 653, t. h. *Amphisbæna* sp.; Brazil.—1819: Asc.
- unguiculatus* Linst., 1906, 255, t. h. *Bufo viridis*; Korfu.—1906: Fil.
- unguiculatus* Linst., 1906, 255, t. h. *Bufo viridis*; Korfu.—1906: *Nematoxys*. 1916: *Oxysoma*. 1916: *Oxysomatium*.
- unguiculatus* Rud., 1809a, 93, t. h. *Lepus*; by Holstein-Beck.—1809: *Trichoc*. 1907: *Trycoc*. 1908: *Erycoc*. 1911: *Trichuris*.
- ungula* Linst., 1906, 113, t. h. *Sciurus vulg.*; Bredlauken b. Insterburg.—1906: *Oxyuris*.
- ungulata* Ben., 1871a, 45, t. h. *Labrus maculatus*; Belgium.—1871: Asc.
- unialata* Mol., 1860b, 960 (52), t. h. *Rhamphastos erythror.*, *R. vitellinus*; Brazil.—1860: Spiropt.
- unialata* Seur., 1914, 151, lapsus for *unilateralis* (*Habronema*).
- uniformis* Cobb, 1893a, 815 (38), in soil about roots of sugar cane; N. S. W.—1893: *Tylenchus*.
- uniformis* Cobb, 1914, 8, Cape Royds.—1914: *Monhystera*.
- unilateralis* Drasche, 1884a, 214, t. h. *Brycon falcatus*, *Dicotyles labiatus*, etc.; lng.—1884: Spiropt.
- unilateralis* Mol., 1860b, 945, t. h. *Cephalopterus ornatus*; Brazil.—1860: Spiropt. 1914: *Habronema*.
- unipapillatus* Daday, 1905, 70, in fresh water; Paraguay.—1905: *Dorylainus*.
- unispina* Dies., 1861a, 674, t. h. *Corvus cornix*; Lieberk.—1851: *Tropidocerca*. 1914: *Tetrameres*.
- univalens* Calkins, 1901b, 276.—1908: Asc. *megaloc*.
- upupa* Rud., 1819a, 28, t. h. *Upupa epops*; C. E. V.—1819: Spiropt.
- upupa-popis* Mol., 1860b, 942 (34), t. h. *Upupa epops*; quotes Brems.—1860: *Acuaria*.
- uranoscopi* Rud., 1819a, 57, t. h. *Uranoscopus scaber*; Nap.—1819: Asc.
- uria* Stewart, 1914, 247, in Rambha spawn; Chilka Lake.—1914: *Monhystera*.
- urksuk* Müell., 1776a, 214.—1776: Asc.
- urniger* Duj., 1845a, 541, t. h. *Pleuronectes solea*; Rennes.—1845: *Echinor*.
- urogalli* Linst., 1879b, 325, t. h. *Tetrao urogallus*; lng.—1879: Fil.
- urogalli* Rud., 1809a, 198.—1809: Asc.
- uromasticis* Fraip., 1882a, 102, t. h. *Uromastix acanthinurus*; from Algeria.—1882: *Echinor*.

- uromasticola* Galeb, 1889a, 425 [nv.]; Seur., 1912, 223, t. h. *Uromastix*.—1912: *Oxyuris*.
urosululatum Aless., 1909, 459, t. h. *Sus scrofa* dom.: Italy.—1909: *Crassisoma*, mt.
ursi Duj., 1845, 88, t. h. *Ursus arctos*; Mus. Wien.—1845: *Spiropt*. 1894: *Gongylonema*.
ursi Duj., 1845a, 277, t. h. *Ursus maritimus*; Mus. Wien.—1845: *Doch*.
ursi Gmel., 1790a, 3060, t. h. *Ursus*; see *Redi*.—1790: *Tænia*. 1803: *Cysticercus*.
1809: *Str*. 1851: *Nematoideum*.
ursi-arcti Rud., 1819a, t. h. *Ursus arctos*; Mus. Wien.—1819: *Spiropt*.
ursi-lotor M. C. V. in Mol., 1861a, 493 (69), t. h. *Procyon cancrivorus*; Brazil.—1861: *Str. forceps*.
ursi-maritimi Mus. Wien in Duj., 1845a, 277, so. *Doch. ursi*.—1845: *Str*.
utriculus Müell., 1773b, 48, in aqua fluviatili menses, vasculo stagnante.—1773: *Vibrio*.
[1838: *Trachelius*.]
vacillans Leidy, 1856b, 50; near *Phila*.—1856: *Nema*, mt.
vacillatum Leidy, 1855b, 144, beneath stones, between tides; Point Judith.—1855: *Pontonema*, ? tsd.
vagans Eschr., 1841f (g), 345 (33), in porpoise; Europe.—1841: *Str*.
vaginatus Dies., 1851a, 34, t. h. *Pteroglossus viridis*, etc.; Brazil.—1851: *Echinor*.
valdemucronata Mol., 1860e, 339, t. h. *Ciconia maguari*; Caiçara, Brazil.—1860: *Asc*.
1887: *Het*.
valderia Perronc., 1890, 541, nelle mufte al disotto di 40° C.—1890: *Anguillula*.
vallei Stoss., 1895c, 34, t. h. *Vipera ammodytes*; Nabresina.—1895: *Doch*. 1909: *Diaphanoc*.
vallentini Baylis, 1916, 293, under stones; Roy Cove, Falkland IIs.—1916: *Diaphanoc*.
valvata Schneid., 1866a, 76, t. h. *Crypturus cupreus*; Brazil.—1866: *Het*.
vanelli Gmel., 1790a, 3046, t. h. *Vanellus*; Gœze, 1782a, 155.—1790: *Echinor*.
vanelli Rud., 1819a, 15, t. h. *Tringa vanellus*; C. E. V.—1819: *Trichosoma*. 1915: *Cap*.
vanelli Rud., 1819a, 29, t. h. *Tringa vanellus*; C. E. V.—1819: *Spiropt*. 1912: *Acuaria*.
vanelli Schrank, 1790a, 122, t. h. *Tringa vanellus*; by Schrank.—1790: *Str*.
vanessæ-antiopæ Dies., 1851a, 100, t. h. *Vanessa antiopa*; by Roesel.—1851: *Fil*. 1851: *Gord*.
vanessæ-polychlori Dies., 1851a, 101, t. h. *Vanessa polychloros*; Germany, Eng.—1851: *Fil*. 1851: *Gord*.
vanessæ-urticæ Dies., 1851a, 101, t. h. *Vanessa urticæ*; by Werner & Hope.—1851: *Fil*.
1851: *Gord*.
varani Par., 1889c, 776 (12), t. h. *Varanus bengalensis*; Palon.—1889: *Physalopt*.
vari M. C. V. in Mol., 1861a, 542 (118); Brazil.—1861: *Str. colubri eririo*.
variabilis Dies., 1851a, 25, t. h. *Hypost. lituratus*, etc.; Brazil.—1851: *Echinor*.
variabilis McCarthy, 1902, 3; N. Carolina.—1902: *Gord*.
variegata Brug., 1792a, 131, t. h. *cheval, mulet*, etc.—1792: *Asc*.
variegata Rud., 1809a, 169, t. h. *Colymbus septentrionalis*; Greifsw.—1809: *Asc*.
variegatus Crep., 1849a, 64, trachealis of *Nathusius* renamed.—1849: *Str*. 1898: *Syngamus*.
variegatus Müell., 1774, 26.—1774: *Lumbricus*.
variopapillatus Rømer, 1895b, 800; Bahia.—1895: *Chord*.
variorum turdorum Gœze, 1782a, 97.—1782: *Asc. teres*. [See *ensicaudata, lancea*.]
varispinosus Jægers., 1909, 2, t. h. *Mergus serrator*; Coll. Par.—1909: *Hystichis*.
varius Leidy, 1851a, 262, in water; New Jersey.—1851: *Gord*. 1896: *Chord*. 1897: *Paragord*, tsd.
vasculosus Rud., 1819a, 75, in abd. et. int. *Spari* (Bramæ) *raji*; Nap.—1819: *Echinor*.
[1907: *Echinoma*.]
vasifa Lane, 1914, 384, t. h. *Elephas indicus*; Bengal.—1914: *Asifia*, tod.
vasorum Bail., 1866b, 69, t. h. *Canis* fam.; by Serres.—[1854: *Str*.] 1866: *Str*. [1907: *Hæmostr.*, tod.] 1912: *Hæmostr*. 1912: *Hæmonchus*. 1913: *Str*. (*Hæmostr.*). 1915: *Hæmostr*.
vasorum Friedländer, 1895, 263, in bloodvessel of earthworm, gen. sp. ?; by Friedländer.—1895: *Lumbricola*, mt.
vasorum canis Vogel (Rev. of Guittard, Deut. thierarz. Woch., 1899, 252, see *vasorum*.—1899: *Str*.
vasorum canis Schneidem., 1896a, 318, for *vasorum canis* (Str.).
vejdoskyi Janda, 1894, 3.—1894: *Gord*. 1897: *Parachord*.
velatus Büetsch., 1873a, 38, on moss roots; by Büetsch.—1873: *Tylenchus*.
veligera Rud., 1819a, 656, t. h. *Lepus brasiliensis*; Brazil.—1819: *Asc*. 1866: *Dermatoxys*, mt.
velocissima Nordm., 1832a, 10, in eye, Barsche; by Nordm.—1832: *Oxyuris*. 1851: *Asc*.
velox Bast., 1865c, 119, from moss; Falmouth.—1865: *Plectus*.
velox Bast., 1865c, 157, tide-pools; Falmouth.—1865: *Theristus*. 1889: *Monohystera* (Penzancia, tsd.).

- vena medienensis* (Linn., 1758) Modeer, 1795a, 153.—1795: Furia.
veneta Stoss., 1897b, 77 (65), t. h. Ibis falcinellus; Padua.—1897: Fil.
ventralis Cobb, 1918, 196; Washington, D. C.—1918: Mononchulus, mt.
ventricosus Rud., 1809a, 222, t. h. Cervus elaphus; by Rud.—1809: Str. 1912: Hæmonchus.
ventricosus Rud., 1809a, 294, t. h. Mustela putorius; by Rud.—1809: Echinor.
ventriculi Dies., 1851a, 329.—1851: Nematodeum hominis.
[*ventriculi* Werner, 1782a, 19, in Homo; doubtful whether this is used as specific name].—1782: Asc.]
venulosus Rud., 1809a, 221, t. h. Capra hircus; by Rud.—1809: Str. 1885: Oesophagost. 1913: Oesophagost. (Hysteracrum).
venustum Leidy, 1856b, 50, t. h. Testudo polyphemus; Georgia, U. S. A.—1856: Thelast. 1861: Anguillula (Th.).
vermiculari cauda subulata Rud., 1809a, 199.—1809: Asc. [See vermicularis c. s.]
vermiculari of Acharius, 1780a, 44, in Salmo eperlanus.—1780: Asc.
vermicularis of Bradshaw, 1876a, 837, in mules.—1876: Asc. [1876: Spiropt. megast. Spiropt. microst., Str. tetracanthus.]
vermicularis Linn., 1758a, 648, t. h. Homo; Europe.—1758: Asc. 1803: Fus. 1816: Oxyurus. 1819: Oxyuris. 1853: Enterobius, mt. 1859: Oxyures. 1888: Oxyurides. [1905: Oxyurias, tod.] 1907: Oxyuris (Oxyurias). 1907: Oxyurias, tod. 1909: Acyaris. 1916: Fusarella, tod.
vermicularis Müell., 1774, 26.—1774: Lumbricus.
vermicularis cauda subulata Gæze, 1782a, 108, t. h. Hechte & Lacerta palustris.—1782: Asc.
vermicularis hominis Kûech., 1856e, 85.—1856: Oxyuris.
vermicularis muris Frøel., 1791a, 99, t. h. Mus musculus; Gæze, 1782.—1791: Asc.
vermicularis pollicaris Pall., 1761a, 504.—1761: Asc.
vermiculus Müell., 1773b, 42, in aqua palustri.—1773: Vibrio. [1838: Bursaria intestinalis.]
vermiformis Roll, 1911, 181, lapsus for vermicularis (Oxyuris).
vermikularis Schneidem., 1896a, 323, for vermicularis.—1896: Askaris. 1896: Fus. 1896: Oxyuris.
vermicularis Probstmayr, 1865b, 178, misprint for vermicularis (Oxyuris).
verminus Müell., 1786, 57.—1786: Vibrio.
vermis Pereboom, 1780a, 20, see lumbricoides, 1758, t. h. Homo.—1780: Stomachida, mt.
vernicularis Fraysse, 1895a, 11, misprint for vermicularis (Asc.).
verrucosa Mayer, 1841a, 15, Asc. acuminata renamed, in frogs & salamanders.—1841: Oxyuris.
verrucosa Mol., 1860e, 340, t. h. Dasyprocta aguti.—1860: Het.
verrucosa Mol., 1858c, 392, t. h. Falco swainsonii; Brazil.—1858: Fil. 1911: Spiropt. [1916: ? Serratospiculum.]
verrucosa Mol., 1860b, 964, t. h. Cervus nambi, C. dichotomus; Brazil.—1860: Spiropt. 1897: Fil.
verrucosum Giles, 1892d, 47, t. h. sheep; Shillong.—1892: Trichosomum. 1892: Gongylonema. 1892: Spiropt. 1894: G. 1911: G.
verrucosus Baird, 1853a, 36; Ing.—1853: Gord. 1896: Chord.
versicolor Rud., 1814a, 96, t. h. Anas fuligula, Fulica atra; by Rud.—1819: Echinor.
versipellis Müell., 1776a, 214, t. h. Gadus barbatus; Ing.—1776: Asc. 1791: Proboscidea.
vescicolare Perronc., 1882a, 305, for vesicularis 1791 (Eterakis).
vescicularis Carruccio, 1886, 293, misprint for vesicularis (Asc.).
vesicularis Frøel., 1791a, 85, t. h. Phasianus colchicus; by Frøel. 1791: Asc. [1800: so. Fus. reflexa.] 1845: Het., tod. 1859: Heteracis. 1878: Heterachis. [1882: Eterakis.]
vesiculosa Schneid., 1866a, 109, t. h. Psittacus sinensis; Ber. Zool. Gard.—1866: Ceratospira, mt.
vesiculosum Ratz, 1898a, 65.—1898: Oesophagost.
vesiculosus Schrank, 1790a, 124, t. h. Fulica fusca; teste Schrank.—1790: Echinor.
vesikularis Schneidem., 1896a, 323, for vesicularis (Het.).
vespæ-crabronis Dies., 1851a, 98, t. h. Vespa crabro; Sardinia.—1851: Fil. 1851: Gord.
vespæ-vulgaris Baird, 1853a, 113, t. h. Vespa vulg.; Eng.—1853: Gord.
vesperi-dicoloris Kolenati, 1856d (1857a), 14, t. h. Meterous discolor.—1856 (1857): Nematodeum.
vesperi-serotini Kolenati, 1856d (1857a), 14, t. h. Cateorus serotinus; Patagium.—1856 (1857): Nematodeum.
vespertilionis Gmel., 1790a, 3030, t. h. Vespertilio auritus; Gæze, 1782a.—1790: Asc.

- vespertilionis* Rud., 1810a, 262, t. h. *Vespertilio*; teste Redi.—1810: Vermis (dubius). 1819: Dubium. 1851: Nematoideum.
- vespertilionis* Rud., 1819a, 7, t. h. *Vespertilio discolor*; C. E. V.—1819: Fil.
- vespertilionis* Rud., 1819a, 14, t. h. *Vespertilio lasiopter*; C. E. V.—1819: Trichosoma. 1915: Cap.
- vespertilionis-auriti* Rud., 1819a, 185, 553, 800, t. h. *Vespertilio auritus*; Mus. Wien.—1819: Dubium. 1851: Nematoideum.
- vespertilionis-discoloris* Rud., 1819a, 185, 554, 800, t. h. *Vespertilio discolor*; Mus. Wien.—1819: Dubius. 1851: Nematoideum.
- vespertilionis-serotini* Crep., 1844a, 117, t. h. *Vespertilio serotinus*.—1844: Nematoideum.
- vespertilionis* Kolenati, 1856d (1857a), 15, misprint for *vespertilionis* (Nematoideum).
- vesperuginis* Linst., 1885b, 243, t. h. *Vesperugo serotinus*; Ing.—1885: Fil. 1901: Spiropt. (Fil.).
- vespillonis* Linst., 1878b, 242, t. h. *Necrophorus vespillo*.—1878: Agamonematodum.
- vesuvianus* Cobb, 1893b, 294 (45), among moss; Mt. Vesuvius, Italy.—1893: Dorylaimus.
- vesuvianus helvetica* Steiner, 1914, 431; Switz.—1914: Dorylaimus.
- veterum* Pall., 1760a, 256.—1760: Dracunculus.
- veterum* Velsch, 1674, [nv.].—1674: Dracunculus.
- revillatum* Hall, 1916a, 152, t. h. *Thomomys fessor*; Colo.—1916: Heligmosomum.
- vexilliger* Man, 1880a, 43, in moist soil; Holland.—1880: Cephalobus.
- vexilliger kerguelensis* Steiner, 1916, 323, free; Kerguelen.—1916: Cephalobus.
- vialæ* Lavergne, 1901a, 86.—1901: Anguillula.
- viannai* Trav., 1914, 326, t. h. *Didelphis aurita*; Rio de Jan.—1914: Viannaia, tod.
- vibrinus* Shipley, 1909, 340, for *vitrinus* (Trichostr.).
- vicarius* Stadelm., 1893a, 220, t. h. *Ovis aries*; Germany.—1893: Str.
- viguieri* Maupas, 1900a, 527, in terreau gras; Algeria.—1900: Rhabditis.
- villosa* Büfetsch., 1873a, 64, on moss roots.—1873: Monhystera. 1914: Monohystera.
- villosus* Bast., 1865c, 123, in tufts of moss; Tortula. Broadmoor. Berks.—1865: Aphelenchus.
- villoti* of Cam., 1891b, 130.—1891: Gord.
- villoti* Perrier, 1875, 1101, free; Roscoff.—1875: Polygord.
- villoti* Rosa, 1882a, 333; Alps.—1882: Gord.
- villoti difficilis* (Montg., 1898) Montg., 1907, 271.—1907: Gord.
- vimba* Linst., 1877b, 179, t. h. *Abramis vimba*; Hameln.—1877: Asc. 1904: Agamonema.
- violaceus* Baird, 1853a, 36, t. h. *Carabus violaceus*; Berwickshire.—1853: Gord. 1897: Parachord.
- viperæ* Linst., 1902a, 217, t. h. *Vipera arietans*; Holub, S. Africa.—1902: Asc.
- viperæ* Rud., 1819a, 37, t. h. *Vipera redii*; C. E. V.—1819: Str. 1851: Diaphanoc. 1897: Sclerost.
- viperæ-lanceolata* M. C. V. in Mol., 1861a, 549 (125).—1861: Str. [1861: Kalic. bothropis.]
- virginiana* Cobb, 1914, 117, cranberry bog; Arlington Farms, Va.—1914: Mesomermis.
- virginianus* Cobb, 1913, 440; Arlington.—1913: Dorylaimellus, mt.
- viridis* Bast., 1865c, 137, tide-pools; Falmouth.—1865: Oncholaimus.
- viridis* Linst., 1876a, 147; Ratzeburger-See.—1876: Chromadora.
- visceralis* Gmel., 1790a, 3031, t. h. *Canis fam.*; teste Redi.—1790: Asc. 1803: Fus. 1885: Eustr. 1896: Diactophyme. 1905: Enstr. 1907: Euestr.
- viscerum* Dies., 1851a, 329, t. h. *Homo æthiopicus*; by Pruner.—1851: Nematoideum hominis.
- viscosus* Bast., 1865c, 136, marine surface mud from estuary; Falmouth.—1865: Oncholaimus. 1890: O. (Viscosia, tsd.).
- visianii* Dies., 1859e, 748, for de visianii, t. h. *Gobius paganellus*; Padua.—1859: Echinor.
- vitiensis* Gilson, 1898a (b), 335 (1), t. h. *Julus solomonensis* Fiji.—1898: Carnoya, mt.
- vitrea* Hamm., 1838a, 351, t. h. *Trichius hemipterus*; by Hamm.—1838: Filarina, mt.
- vitrei* Chiralt, 1880a, 5, t. h. *Homo*.—1880: Fil. [1880: var. of *F. oculi*.]
- vitrinus* Looss, 1905o, 421, t. h. *Camelus dromedarius*, etc.; Egypt.—1905: Trichostr. 1912: Str.
- vituli* Gmel., 1790a, 3032, t. h. *Bos taurus*; Gœze, 1782a.—1790: Asc. 1803: Fus. [1809: Str. vitulorum. 1899: Str. micrurus.]
- vituli* Neum., 1883a(b), 362(1), t. h. *Bos taurus*; Europe.—1883: Asc. [Cf. vituli Rud., 1809a, 125.]
- vituli* Rud., 1809a, 124, refers to Vallisnieri.—1809: Lumbricus teres.
- vituli* Rud., 1809a, 125, vitulorum renamed, t. h. *Bos taurus*; Gœze, 1782a.—1809: Asc. gigas.
- vitulorum* Gœze, 1782a, 72, t. h. *Bos taurus*; Europe.—1782: Asc.

- vitulorum* McCoart, 1880a, 62, for *vitulorum* (Str.).
vitulorum Rud., 1809a, 245, t. h. *Bos taurus*; Europe.—1809: Str.
viverræ M. C. V. in Mol., 1858c, 389, t. h. *Nasua narica*; Nas Trechas, Coll. Brazil.—1858: Fil. [1858: *F. incrassata*.]
viverræ-naricæ M. C. V. in Mol., 1861a, 493(69), t. h. *Nasua narica*; Brazil.—1861: Str. [1861: *Doch. bidens*.]
vivipara Bast., 1865c, 133, surface mud, marine estuary; Falmouth.—1865: *Symplocost.* 1874: *Anoplost.*, tod.
vivipara Man, 1907, 238; Ierseke.—1907: *Chromadora*.
vivipara Leiper, 1910, 235, t. h. *Hippopotamus*; Victoria Nile.—1910: *Cobboldia*, tod. [1911: *Cobboldina*, tod.]
vivipara Linst., 1904f, 13, t. h. *Corvus splendens*; Colombo.—1904: Fil.
vivipara Linst., 1906, 269, t. h. *Gavialis gangeticus*; Calcutta Zool. Gard.—1906: *Micropleura*, mt.
vivipara Probstmayr, 1865b, 178, t. h. *Equus cab.*; by Probstm.—1865: *Oxyuris*. [1887: *Rhabdonema*.] 1893: *Anguillula*. 1905: *Strongyloides*. 1907: *Rhabdonema*. 1907: Probstmayria, tod. [1912: *Anguillula*.]
vivipara Wedl., 1861b (1862), 471, t. h. *Uromastix spinipes*; Egypt.—1861: *Tachygonetria*, mt. 1912: *Oxyuris*.
viviparus Bloch, 1782a, 33; an der Seuche verrekten Viehes; by Camper.—1782: Gord. 1907: *Dictyocaulus*.
viviparus Bloch, 1782a, 34, t. h. *Perca fluvi.*; by Bloch.—1782: *Cucullanus*.
viviparus Cobb, 1915, 42; Douglas Lake, Mich.—1915: *Aphanolaimus*.
viviparus Linst., 1879a, 166, in fresh water on plants; Ing.—1879: *Diplogaster*.
viviparus Linst., 1899b, 12, t. h. *Equus bohmi*; E. Africa.—1899: *Pteroc.*, mt. 1909: *Crossoc.*, type.
viviparus Linst., 1906, 253, t. h. *Damonias revesii*, *Cinosternon*; Zool. Mus. Kœnigsb.—1906: *Cucullanus*.
viviparus Plotnikof, 1901a, 244, free; Bologoje-See, Russia.—1901: *Aphanolaimus*.
vivivipara Neum., 1892a, 393, misprint for *vivipara* (*Oxyuris*).
volvulus Rail., 1893a, 522, misprint for *volvulus* (Fil.).
volvulus Leuck. in Mans., 1892b, 88, for *volvulus* (Fil.).
volvulus Leuck. in Mans., 1893, 963, for *volvulus* 1892, t. h. *Homo*; W. Africa.—[1892: Fil.] 1893: Fil. 1910: *Onchocerca*. 1914: *Microfil.* 1916: Fil. (*Onchocerca*).
volvulus Leuck. in Mans., 1893, 963, error for *volvulus* (Fil.).
volvulus Rail. & Henry, 1910, 91, for *volvulus* (Fil.).
vorax Cobb, 1917, 119, in marine sand; Miami, Fla.—1917: *Cheironchus*, tod.
vorax Cobb, 1917n, 438, in soil; Wisconsin & New Jersey.—1917: *Mononchus* (*Mononchus*).
vosnani Reichenau in McCoy, 1912, 558, misprint for *rosenau* (*Microfil.*).
vryburgi Rail., 1902b, 107, t. h. *Bibos indicus*; Deli-Sumatra.—1902: *Agriost.*, mt.
vryburgi Rail. of Vryburg, 1907k, 327, t. h. *Rinder* (*Bos*); Deli-Sumatra.—1907: *Agriost.* [1909: *Bunost. phlebotomum*.]
wucherevi Magal. in Silva Lima, 1877a, 544 for *wuchereri*.—1877: Fil.
vulgare Looss, 1900c, 152, t. h. *Equus*.—1900: *Sclerost.* 1909: Str.
vulgaris Bast., 1865c, 135, tide-pools; Falmouth.—1865: *Oncholaimus*.
vulgaris Bast., 1865c, 158, tide-pools; Falmouth.—1865: *Comesoma*, tsd.
vulgaris Bast., 1865c, 167, tide-pools; Falmouth.—1865: *Chromadora*, tsd. 1886: *Euchromadora*, tod.
vulgaris Bosc, 1802, 42, in dom. quadrupeds.—1802: *Crino*.
vulgaris Cobb, 1898d, 406; coast of N. S. W. & Victoria.—1898: *Graphonema*, mt.
vulgaris Man, 1884a, 39.—1884: *Monhystera*.
vulgaris Man, 1886, 61 [marine; Zealand].—1886: *Tripyloides*, tsd.
vulgaris Man, 1893a, 119, free; Falmouth.—1893: *Enoplolaimus*, mt.
vulgaris Man, 1907, 237, free; Ierseke, Eng.—1907: *Parasabatieria*, mt.
vulgaris Hooper, 1799a(b), 231(10), t. h. *Homo*.—1799: *Trichuris*. 1813: *Tricuris*.
vulgaris Mérat, 1821, 225, for *lumbricoides*.—1821: *Lumbricoides*, mt.
vulgaris Morren, 1829b, 1, s. *terrestris*.—1829: *Lumbrici*.
vulpinus Fabr., 1794a, 12, *Unc. vulpis* renamed.—1794: Str.
vulpis Duj., 1845a, 283, t. h. *Canis vulpes*; M. V.—1845: *Lior.* 1915: *Crenosoma* (*Filaroides*).
vulpis Frœl., 1789a, 137, t. h. *Canis vulpes*; by Frœl.—1789: *Unc.*, tsd. 1800: Str. [1845: *Doch.*, tsd.]
vulpis Frœl., 1789a, 140, t. h. fox; by Frœl.—1789: *Asc.* 1911: *Belasc.*
vulpis Frœl., 1789a, 142, t. h. *Canis vulpes*; by Frœl.—1789: *Trichoc.* 1803: *Mastigodes*. 1908: *Trichuris*.
vulpis Gœze, 1782a, 84, in Fuchs; Rekan.—1782: *Asc. teres*.

- vulpis* Rud., 1809a, 68, t. h. *Vulpes*; by Camper.—1809: Fil.
vulpis Rud., 1819a, 185, t. h. *Canis vulpes*; by Brems.—1819: Dubium. [1819: ? Str.] 1851: Str.
vulpis glandularis Rud., 1819a, 36, t. h. *Vulpes*; Mus. Wien.—1819: Str.
vulpis asophagus Rud., 1819a, 36, t. h. *Vulpes*; Mus. Wien.—1819: Str.
vulturis Cat. RCSL, 1830, 41, t. h. vulture.—1830: Str.
vulturis Mol., 1860b, 976(68), t. h. *Cathartes papa*; Brazil.—1860: Spiropt. 1897: Fil.
vulturis-papæ M. C. V. in Mol., 1860b, 976.—1860: Spiropt. [1860: S. *vulturis*.]
vulturis-urubu M. C. V. in Mol., 1860b, 941, t. h. *Cathartes urubu*; Brazil.—1860: Spiropt. [1860: S. *singularis*.]
volvularia Mol., 1860b, 978, t. h. *Icterus lacernulatus*, *Momotus levaillanti*; Brazil.—1860: Spiropt. 1891: Disph.
volvoinflata Mol., 1860b, 969(61), t. h. *Trochilus ochropygus*; Brazil.—1860: Spiropt. 1916: Serticeps, tod.
wachnia Dies., 1851a, 118, t. h. *Gadus wachnia*; by Tilesius, lng.—1851: *Agamonema*.
wachnia Rud., 1819a, 79, t. h. *Gadus wachnia*; based on Tilesius, 1810.—1819: Echinor.
weberi Villot, 1891c, 137; Sumatra.—1891: Gord., 1896: Chord.
websteri Cobbold, 1879b, 433, t. h. Kangaroo.—1879: Fil.
wedli Jægers., 1909, 3, for *wedlii*, t. h. *Fulica atra*; Coll. Linst.—1909: Hystrichis.
wedli Sons., 1896m, 438, t. h. *Erinaceus auritus*; Egypt.—1896: Echinor.
wedli Stoss., 1896a, 62, t. h. *Mullus barbatus*; Trieste.—1896: Asc.
wedli Stoss., 1899d, 124(70), for *wedli*.—1899: Monodontus.
wedlii Linst., 1879a, 173, t. h. *Fulica atra*; by Wedl and Linst.—1879: Hystrichis.
wedlii Mol., 1861a(b), 467(43), t. h. *Antilope rupicapra*, *Capra aries*, etc.; M. C. V.—1861: Monodontus.
weinbergi Rail. & Henry, 1909a, 87, in chimpanze; by Weinb. & Romanovitch.—1909: Nematodirus.
weinbergi Skrij., 1916, 534, t. h. *Midas* sp.; Guyane Française.—1916: Gnathost.
weissi Seur., 1914, 524, t. h. *Elephantulus desertus*; Bou-Saâda, Algeria.—1914: *Acanthocheilonema*.
weismanni Eberth, 1863b, 530, t. h. *Rana temp.*—1863: *Myoryctes*. 1869: *Myoryktes*.
weismanni zur Strassen, 1904a, 302, free; Nap.—1904: *Anthracanema*, tsd.
weissi Seur., 1913, 127(2), t. h. *Macroscelides rozeti*; Tunis.—1913: *Maupasiella*, mt. 1913: *Maupasina*, type.
werneri Rud., 1793a, 11, t. h. *Canis* fam.; refers to *Lumbricus canis* of Werner and is probably not used as specific name.—1793: Asc. 1800: Fus. [1809: Asc. *marginata*.]
westeri Ihle, 1917, 71.—1917: *Strongyloides*. 1918: *Strongylus*.
westrumbi Speiser, 1900b, 29, for *westrumbii* (Arthror.).
westrumbii Kolenati, 1857e, 68, on *Megistopoda westwoodii* im Balge des *Rhinolophus euryle*; Banat, etc.; by Kolenati.—1857: Arthror.
willeyi Linst., 1904f, 9, t. h. *Coluber helena*, *Vipera russellii*, Colombo, Weligatta, Horana.—1904: Kalic. 1909: *Diaphanoc*.
willeyi Cam., 1899, 466; Nuova Britannia.—1899: Gord.
wilsoni Baylis, 1915, 415, in gill chambers of *Gecarcinus ruricola*; Jamaica.—1915: *Monhystera*.
wilsoni Cobbold, 1876x, 89, t. h. *Crenilabrus ruprestris*; by Wilson.—1876: *Agamonema*.
wolterstorffii Cam., 1888, 6.—1888: Gord. 1897: *Parachord*.
wolterstorffii Cam., 1897k, 418, for *wolterstorffii* (*Parachord*.).
worthingi Zelinka in Southern, 1914a, 71; Blacksod Bay.—1914: *Echinoderes*.
wuchereri Silva Lima, 1877, 395, t. h. *Homo*; S. America.—1877: Fil.
wuchereria Felicio dos Santos, 1877a, 137, t. h. *Homo*; Rio de Janeiro.—1877: Fil.
wuchereri Cast. & Chalm., 1910a, 1186, for *wuchereri* (Fil.).
wucherii Fayrer, 1879b, 189, for *wuchereri* (Fil.).
wüchereri Mans., 1907, 596, for *wuchereri* (Fil.).
wymani Leidy, 1882b, 109, t. h. *Plotus anhinga*; Florida.—1882: Fil.
xenopeltidis Shipley, 1903l, 151, t. h. *Xenopeltis unicolor*; Kwala Aring.—1903: Echinor.
xenopsis M. C. V. in Mol., 1858c, 398, t. h. *Xenops* sp. *incerta*; Marabitanas.—1858: Fil. [1958: F. *obtusa*.]
xiphias Gmel., 1790a, 3047, t. h. *Xiphias gladius*; Redi.—1790: Echinor.
xiphias Rud., 1819a, 800, t. h. *Xiphias gladius*.—1819: Dubium.
xylebori Roux, 1906a, 49, in larvæ of *Xyleborus dispar*, *X. saxeseni*; Lyon.—1906: Tylenchus.
yaba Connal, 1912, 231, t. h. *Centropus senegalensis*; Lagos.—1912: Fil.

- zavattarii* Cam., 1908, 117; Darjiling.—1908: Gord.
zebra Mongrand, 1852a, 63, t. h. Homo; Brest.—1852: Fil.
zebræ Skrj., 1916, 46, t. h. zebra, Brit. E. Africa.—1916: Asc.
 [zederi Rud., 1801a, 56, not in specific sense.—1801: Goezia.]
zeelandicus Man, 1876a (b), 122 (45); Walcheren.—1876: Tylencholaimus.
zeelandicus Man, 1880a, 14, free; Walcheren.—1880: Desmolaimus, mt.
zelinkæi Southern, 1914a, 70; Clew Bay.—1914: Pycnophyes.
zenis Westrumb, 1821a, 11, for fabri 1819, 1819.—1819: Echinor.
zenis-apri Rud., 1819a, 194, t. h. Zeus aper; Nap.—1819: Dubium.
zenis-fabri Rud., 1819a, 11, t. h. Zeus faber; C. E. V.—1819: Fil.
zenis-fabri Rud., 1819a, 193, t. h. Zeus faber; Rimini.—1819: Dubium.
zeus-fabri Dies., 1851a, 119, for zenis-fabri (Fil.).
zeylanica Linst., 1907, 172, for ceylanica (Asc.).
zikoffi Man, 1903, 61; Zykof, 1903a, 61.—1903: Pseudomermis, ? mt.
zograffi Man, 1885a, 24, in soil; Moskow.—1885: Dorylaimus.
zola Mar., 1870a, 29; Crozon, Roscoff.—1870: Thoracost. 1875: Leptosomatum.
zosteropsis Porta, 1913, 170, t. h. Diaphoropterus nævius simillimus, *Zosterops lateralis* griseonota; New Caledonia.—1913: Chentrosoma.
zschokkei Daday, 1906, 413, free; Vierwalsstædter-See.—1906: Dorylaimus.
zschokkei Daday, 1911, 492; Vierwaldstædter-See.—1911: Mesomermis.
zschokkei Daday, 1913, 224.—1913: Eumermis.
zschokkei Lauterborn, 1913, 871.—1913: Diplogaster.
zschokkei Linst., 1899b, 13, t. h. Testudo tabulata; Brazil.—1899: Labiduria.
zschokkei Menz., 1913, 408; Alpes, Switz.—1913: Mononchus. 1917: M. (Iotonchus).
zschokkei Meyer, 1896b, 55, t. h. Manis pentadactyla; Ceylon.—1896: Fil.
zschokkei Rail. & Henry, 1911, 579, t. h. Rhea americana; Bâle Zoo.—1911: Spirura.
zschokkei Schmassmann, 1914, 401; Silvaplannersee, Vierwaldstædtersee, Switz.—1914: Paramermis.

BIBLIOGRAPHY OF SUPERGENERIC, GENERIC, AND SPECIFIC NAMES USED FOR ROUNDWORMS (NEMATODA, GORDIACEA, ACANTHOCEPHALI) AND OF DISEASES CAUSED BY THEM.

The main portion of this index is made up of an alphabetical list of superspecific names used in connection with *Nematoda*, *Gordiaceae*, and *Acanthocephali*. Under each generic or subgeneric name will be found a list of the species and subspecies which have been placed in the groups in question. The references following the technical names represent the places in literature which bear upon the technical names in question.

The names of diseases caused by roundworms are also inserted in this list.

In all cases possible, the type species is mentioned for genera. In connection with the species the hosts and locality (at least the type locality) are usually given.

When the bibliography under any given heading is unusually long, as in the case of *Acanthocephali*, Ascariasis, *Ascaris*, Filariasis, *Trichina*, Trichinosis, etc., the references are arranged geographically according to home of author, place of publication, or fauna, thus enabling an easier orientation than would be possible if a strictly alphabetical order were followed.

ABALANTIA Eberth, 1863a, 44 (subf. contains *Eucoleus*, *Liniscus*, *Trichosoma*).

ABOMESI Simmonds, 1881-1882 [nv.].

ovis Simmonds, 1881-1882 [nv.].—Williams, 1885a, 44 (s. *Fil. denticulata* Simmonds) (so. *Str. contortus*).

ACANTHOCEPHALA Rud., 1808a, 198; 1809a, 251; 1819a, 63, 309 (*Entozoa acanthocephala*) (ordinal name, for *Echinor.*) [not *Acanthocephalus* Lap., 1833, hemipteron; *Acanthocephala* Dies., 1858d, trematode.].—See also *Acanthocephali*.

Acanthocephalen (German vernacular name for *Acanthocephali*, q. v.).—Linst., 1883b, in 623-663.

Acanthocephales (French vernacular name for *Acanthocephali*, q. v.).—Andral, 1829, 506.

ACANTHOCEPHALI Burm., 1837a, 527 (used as family or as ordinal name for *Echinor.* and allied genera); 1856a, 205, 214-219.

(AUSTRALIA) Krefft, 1871a, 209.

(AUSTRIA) Claus, 1885a, 298-300.—Dies., 1851a, [3] (as so. *Rhyngodea*), 18; 1856d, 275-290, pls. 1-3; 1856e, 1-16, pls. 1-3; 1856f, 97; 1858d, 251; 1859, 740-741.—Eiss, 1838a, 24.—Lambl, 1859, 46.—Wedl, 1861a, 232-240.

(BELGIUM) Cerf., 1897, 98-99.

(DENMARK) Müell., *Zool. Dan.*, I, 50.

(DEUTSCHLAND) Braun, 1883a, 144, 189; 1895b, 5, 6, 120, 246; 1900a 1681; 1906a, 1, 2, 18, 20, 21, 25, 341-344.—Carus, 1863, v. 2, 456, 457, 459, 465.—Crep., 1849a, 277, 283.—Dewitz, 1892b, 177.—Eichw., 1829a, 249.—Goldb., 1855a, 105-106.—Gurlt, 1831a, 367.—Hamann, 1895c, 534; 1896a, 45.—Kitt, 1885a, 36.—Knüepfer, 1888a, 1-17, pls. 1-2 figs. 1-39; 1889a, 147-148.—

ACANTHOCEPHALI—Continued.

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Leuck., 1863g, 326-327; 1876a, 725-741; 1879a, 123; 1886d, 90, 93, 104, 110, 112.—Linst., 1883b; 1906, 173; 1907, v. 2(3), in 1-56.—Looss, 1892a, 74.—Lühe, 1907, SPoG, v. 47, 88-89; 1911a, 1-116, figs. 1-87; 1912, ZJ, v. 1, 271-306, figs. A-M, pls. 13-14 figs. 1-14.—Mayer, 1841a, 4.—Nitzsch, 1818e, 241-243, figs.—Nordm., 1840, 641.—Rawitz, 1893a, 55-56.—Schlotthauber, 1860a, 130.—Schmalz, 1831, 15.—Schneidem., 1896a, 324-325.—Schneid., 1866a, 13, 325, 326, 331, 332, 337.—Tasch., 1879g, 234.—Tschudi, 1837, 19.—Wagner, 1883, 122.—Wallenstedt, 1847, 8.—Westrumb, 1821a, 1-85, pls. 1-3; 1822a, 677-685.—Züern, 1882, 113, 226, 298.—Zwicke, 1841a, 21, 27.

(FRANCE) Andral, 1829, 506, 617, 624.—Deslgch., 1824a, 2-3.—Guerin, 1833-34a, 15.—Guiart, 1910a, 259, 260, 432.—Hémont, 1827a, 9 (fam. of Parenchymateux, contains Echinor., Hæruca).—Lamour., 1822a, 38.—L'Herminier, 1826a, 10.—Marotel, 1899d, 226-228.—Nev.-Lem., 1906a, 323.—Verdun, 1907a, 426, 428.

(GR. BRIT.) Bellingh., 1844a, 254.—Campb. & Lacr., 1907, 67.—Cast. & Chalm., 1910a, 446, 941.—Cat. RCSL, 1830, 44.—Cobbold, 1874d, 8-9; 1874m, 169; 1879b, 5, 256-257.—Daniels, 1910a, 71, 161.—Fagge & Pye-Smith, 1902a, 475.—F., S., & T., 1916a, 3, 17, 18, 20, 475.—Joy, 1835a, 504.—MacLaren, 1904b, 584.—Owen, 1835i, 392.—Shipley, 1896a, 123, 174-175; 1901b, 123-124, 174, 179, 181.—Westwood, 1851, 646.

(HUNGARY) Hut. & Mar., 1906a, 394, 408; 1910b, 493.—Mlinarich, 1832a, 13.

(ITALY) Mol., 1858, 141; 1861, 260.—Mont., 1887a, 19-29, figs. 1-7; 1887b, 1-11; 1888a, 84; 1906a, 217-218.—Par., 1887b, 361.—Porta, 1908, 53; 1909, CfB, v. 44, 148; 1910, ZA, v. 35(22), 699-703, figs. 1-4.

(JAPAN) Ijima, 1889, 395.

(NEW CALEDONIA) Porta, 1913, v. 1(3), 165-170, pl. 6, figs. 1-4.

(RUSSIA) Kholodk., 1897b, 14-20; 1898, 2; 1899a, 169.—Kostylew, 1916, v. 20, 389-394, figs. 1-8.

(U. S. A.) Dungl., 1893 (1895a), 361.—Encycl. Brit., 9 ed., v. 1, 79.—Hall, 1916a, 4.—Lint., 1907, 88.—Pearse, 1913, RHMS, v. 1, 57.—Pratt, 1916a, 228.—Stiles, 1907a, 53; 1907e, 531.—Stiles & Hass., 1905b, 81.—Tyson, 1903a, 1198.—Verrill, 1870c, 166-168, 179, 220.—Ward, 1895a, 324; 1903, v. 7, 861; 1903, 205; 1916, 676, 703.—Weinl., 1858a, 12.

—, Anatomy:

(DEUTSCHLAND) Bieler, 1914, ZJ, v. 36, 525-578, figs. 1-15.—Hamann, 1891a, 1-119, pls. 1-10; 1891b, 113-231, pls. 5-16; 1891c, 57-61; 1892d, 195-197.—Kaiser, 1892a, 44-49 (nephridia).—Schneid., 1868b, 584-597.—Weinl., 1857c, 197-201 (digestive tract).

(GR. BRIT.) Rollest., 1870a, 133, 134, 135, 136, 137, 142.

(RUSSIA) Lindemann, 1865b, 484-498, pls. 10-12.

(U. S. A.) Graybill, 1902a (b), 191-200, pl. 1 figs. 1-12; 1904, SZLUN, v. 3, 163-172; 1905, AN, v. 2 (3), 47-48.

—, Classification:

(BRAZIL) Trav., 1916, Bm, v. 29 (48), 377-384.

(DEUTSCHLAND) Hamann, 1892d, 195-197; 1895a, 1-42, pls. 1-11; 1895b, 238-240; 1895c, 534; 1896a, 45.—Kostylew, 1914, ZA, v. 44, 186-188, fig. 1.

(RUSSIA) Kholodk., 1897, TSN, v. 28, 14-20, 47.

—, Development:

(DEUTSCHLAND) Kaiser, 1893a, 1-136; 1893b, 1-148, pls. 1-10; 1913, 1-66, pl. 1-2, figs.—Voss, 1910, AZ, v. 5 (3), 430-448, figs. 1-11, pl. 23 figs. 1-19 (embryology).

—, Hosts:

(ITALY) Cond.-Franc., 1897a, 1-20, pl. 1 figs. 1-18 (Roman Campagna).

(U. S. A.) Van Cleave, 1916, JP, v. 2 (3), 106-110 (freshwater hosts).

—, —, amphibia and reptiles:

(ITALY) Porta, 1908, AZ, v. 3 (3), 225-259, pl. 9, figs. 1-9.

(U. S. A.) Van Cleave, 1915, JP, v. 1, 175-178, fig. 1.

ACANTHOCEPHALI, Hosts, birds:

(FRANCE) Marval, 1902a, 412-439, figs. 1-14; 1902b, 181-183; 1904a, 573-583; 1905a, 195-389, figs. 1-164; 1905b, 185; 1905c, 596; 1905d, 48; 1907, AN, v. 2 (3), 175; 1907, AN, v. 2 (3), 27-29.

(ITALY) Lepri, 1898, BSrSz, v. 7, 204-219, pl. 1.

—, —, fishes:

(DEUTSCHLAND) Bieler, 1914, ZJ, v. 36, 525-578, figs. 1-15.

(ITALY) Cond.-Franc., 1898, BSrSz, v. 7, 110-144, pl. 1.—Porta, 1907, B, v. 1 (19), 377-423, figs. 1-32; 1908, ZJ, 53.

(KAMSCHATKA) Zsch. & Reitz, 1914, RsZ, v. 22, 231-235, figs. 2-4, 7 (unnamed n. g. n. sp. in intest. of *Oncorhynchus nerca*).

—, —, mammals:

(ITALY) Porta, 1908, AdP, v. 12, 268-282; 1908, AMz, Nap., v. 2 (22), 1-6, figs. 1-9; 1909, Az, v. 4, 239-285, pl. 5 figs. 1-26.

Acanthocephalid Shipley, 1897c (1896c), 527 (n. sp.).

ACANTHOCEPHALID.E Leuck., 1886d, 113 (f., contains *Echinor.*).

ACANTHOCEPHALOS Goeze, 1782a, 141 (for *Acanthocephali*).—Stiles & Hass., 1905b, 81.

ACANTHOCEPHALUS Riley, 1878, RUSEC, 331 (for *Acanthocephali*).

ACANTHOCEPHALUS Kœlreuter, 1771a, 499-500, 503, pl. 26 figs. 5a-d [not *Acanthocephalus* Lap., 1833, hemipt.] (in *Cyprinus rutilus*) (mt. tsd. *lavareti*, cf. *anguillæ*): 1774a, 341.—Dies., 1851a, 19 (so. *Echinor.*), 25 (so. *clavæceps*).—Goldb., 1855, 107.—Lûeche, 1905b, 173, 329, 334, 341; 1911a, 10, 13; 1912, v. 1, 282.—Marval, 1905, 204 (so. *Echinor.*).—Nitzsch, 1818a, 243.—Porta, 1905, 156.—Rud., 1809a, 313, 315.—Stiles & Hass., 1905b, 81.—Westrumb, 1821, 6 (= *Ech. clavæceps*); 1822, v. 1, 677-685.—Zed., 1803a, 163.

anguillæ (Mûell., 1780; 1784) Lûeche, 1911a, 3, 6, 13-14-15, 52, figs. 4-6 (in *Abramis vimba*, *A. björkna*, *A. ballerus*, *A. brama*, *Alburnus bipunctatus*, *A. alburnus*, *Acipenser huso*, *Acerina cernua*, *Anguilla anguilla*, *Aspius aspius*, *Barbus barbus*, *Coregonus lavaretus*, *Cyprinus carpio*, *Gobio gobio*, *Leuciscus idus*, *L. erythrophth.*, *L. rutilus*, *L. cephalus*, *Lotta lota*, *Lucioperca lucioperca*, *Perca fluvi.*, *Salmo fario*, *S. fontinalis*, *S. irideus*, *Silurus glanis*, *Tinca tinca*); 1912, v. 1, 277.—Bieler, 1913, 540-543, fig. D (in *Ab. bj.*).

anthuris (Duj., 1845) Lûeche, 1911a, 20, fig. 18 (in *Emys orbicularis*, *Molge vulg.*, *M. cristatus*).

elongatus (Rud., 1819) Cobbold, 1879b, 471 (lapsus for *Anthocephalus elongatus* Rud., 1819a, 177, a cestode).

falcatus (Frœl., 1789) Lûeche, 1911a, 17, 19-20, figs. 15-17 (in *Salamandra atra*); 1912, v. 1, 297, 298, 300, 301, pl. 14 fig. 12.

lavareti (Rud., 1809) Dies., 1851a, 51 (so. *Ech. proteus*) (in *Salmo lavaretus*; quotes Kœlreuter, 1771a, 513).—Porta, 1905, 193 (so. *E. p.*).

lucii (Mûell., 1779a) Lûeche, 1911a, 3, 13, 15-17, figs. 7-10 (in *Abramis brama*, *Acerina cernua*, *Anguilla anguilla*, (larva in *Asellus aquaticus*), *Barbus barbus*, *Coregonus albula*, *C. lavaretus*, *C. maræna*, *C. oxyrhynchus*, *Cottus gobio*, *Cyprinus carpio*, *Esox lucius*, *Gasterosteus aculeatus*, *Gobio gobio*, *Leucioperca leucioperca*, *Leuciscus erythrophth.*, *L. idus*, *L. phoxinus*, *L. rutilus*, *Lotta lota*, *Perca fluvi.*, *Platessa flesus*, *Salmo fario*, *Silurus glanis*, *Thymallus thymallus*, *Tinca tinca*); 1912, v. 1, 301, 306, pl. 14 fig. 14.—Bieler, 1913, 530-539, figs. A-C (in *Cyp. carp.*, *E. l.*, *Lota lota*, *Perca fluvi.*).—Ritchie, 1915, GN, v. 7, 34 (in *S. f.*; Scotland).

propinquus (Duj., 1845) Lûeche, 1911a, 13.

ranae (Schränk, 1788a) Lûeche, 1911a, 2, 3, 13, 17-19, 32, figs. 11-14 (larva in *Asellus aquaticus*) (in *Bombinator igneus*, *Bufo vulg.*, *B. viridis*, *Molge cristata*, *M. lobata*, *M. vulg.*, *Rana escul.*, *R. temp.*, *Salamandra atra*); 1912, v. 1, 293, 294, 295, 296, 297, 298, 299, 300, 301, pl. 14 fig. 13. G. H. J-M (in *A. a.*).—André, 1913, 186, 198 (in *R. temp.*; Switz.).—Bieler, 1913, 570 (in *R. temp.*).—Ritchie, 1915, GN, v. 7, 37, 38 (in *Molge palmata*, *B. v.*, *R. t.*; Scotland).—Van Cleave, 1915, JP, v. 1 (4), 175-178, fig. 1 (in *Diemyctylus viridescens*; Baltimore, Md.).—Skrj., 1913, 405.

- ACANTHOCHAILONEMA* Cobbold, 1870b, 9-14 (mt. *dracunculoides*).—Cast. & Chalm., 1913a, 522, 533, 594.—F., S., & T., 1916a, 414, 416, 418.—R., H., & L., 1912, v. 5 (6), 392-395, 1 fig.—Seur., 1914, Dec. 11, 527; 1915, 25; 1916, 340.—Stiles & Hass., 1905b, 81.
- dracunculoides* Cobbold, 1870b, 10-14 (in *Proteles cristatus*; [S. Africa]); 1870c, 52; 1879b, 299 (in *Proteles lalandi*; S. Africa).—Braun, 1915a, 319.—Leiper, 1909, 44; 1910, PZSL, 889; 1913, 270.—Rail., 1915, 510; 1915, 747.—R., H., & L., 1912, 392, 393, 395 (in *Canis fam.*, *Hyæna crocuta*, *Proteles cr.*).—Seur., 1914, Dec. 11, 527 (in perit. cav. of *Hyæna* and dog); 1916, 340 (in chien; Tunis).
- grassii* (Noë, 1907) R., H., & L., 1912, 395.—Rail., 1915, 510; 1915, 747, 748.—Seur., 1916, 340.
- perstans* (Mans., 1891) R., H., & L., 1912, 395 (in *Homo*).—Braun, 1915a, 318.—F., S., & T., 1916a, 414, 416, 418, fig. 298.—Johnst., 1914, v. 8, 73-80, 1 fig.—Leiper, 1913, 269-270, figs. 6-8.—Neum. & Mayer, 1914a, 396.—Seur., 1916, 340 (in *Argas*, *Chrysops centurionis*, *Ornithodoros moubata*).—Ward, 1916, 682, 688.
- reconditum* (Grassi, 1890) R., H., & L., 1912, 395 (in *Canis fam.*).—Rail., 1915, 510; 1915, 747.—Seur., 1916, 340, 344.
- weissi* Seur., 1914, CrSB, Dec. 11, 524-527, figs. 1-3 (in perit. cav. of *Elephantulus deserti*; Bou-Saâda); 1915, 8-10, figs. 1-3; 1916, 143; 1916, 340 (in E. d.).
- ACANTHOCHAILUS* Mol., 1858d, 154-155 (mt. *quadridentatus*) [not *Acanthocheila* Stål, 1860, hemipt.; *Acanthochila* Stål, 1873, for *Acanthocheila*]; 1861c, 313.—Oerley, 1885a, 103.—Stiles & Hass., 1905b, 81.—Stoss., 1898, 79.
- bicuspis* (Wedl, 1855) Oerley, 1885a, 102, 103, 107-108 (in *Scillium catulus*, *Pristiurus melanostomum*); 1885b, 217.
- intermedius* Oerley, 1885a, 102, 103, 107, pl. 9 fig. 4 (in *Mustelus lævis*; by Oerley); 1885b, 217.
- nidifex* Lint., 1900a, 267, 269, 271, 303-304, pl. 43 fig. 116-119 (in *Galeocерdo tigrinus*; Woods Hole); 1901, 410, 426 (in G. t.).—Shipley & Hornell, 1906, 89 (in *Stegostoma tigrinum*).
- quadridentatus* Mol., 1858d, 155 (in *Mustelus plebejus*; Padua); 1861c, 313-314, pl. 13 fig. 10-11, 12 (in M. p.; P.).—Dies., 1861a, 275.—Lint., 1901, 273.—Oerley, 1885a, 102, 103, 106-107, pl. 9 fig. 1-3 (in M. vulg., M. lævis); 1885b, 217.—Stoss., 1890, 129; 1895, 34; 1898, 79-80.
- species* Lint., 1901b, 410 (in *Carcharias littoralis*; Woods Hole), 428.
- ACANTHOCLADEA* v. Drasche, 1884a, 111 (supergeneric, containing *Ancyraacanthus*, *Elaphoc.*, *Cosmoc.*) [not *Acanthocladia* King, 1849, coelent.].
- ACANTHOPHARYNX* Mar., 1870a, 34-37 (type probably affinis) (free forms).
- affinis* Mar., 1870a, 36-37, pl. K [26] figs. 4-4b (free; Endoume).—Stiles & Hass., 1905b, 81.—Villot, 1875, 466 (free; Med.).
- micans* (?Eberth or Mar.) Villot, 1875a, 466 (free; Med.).
- oculata* Mar., 1870a, 35, pl. K [26] figs. 2-2c (free; Pharo).—Stiles & Hass., 1905b, 81.
- perarmata* Mar., 1870a, 34-35, pl. K [26] figs. 1-1f (free; Pharo).—Stiles & Hass., 1905b, 81.—Villot, 1875, 466 (free; Med.).
- striata* (?Mar. or Eberth) Villot, 1875a, 466 (free; Med.).
- striatipunctata* Mar., 1870a, 35-36, pl. K [26] figs. 3-3c (marine; Montredon).—Stiles & Hass., 1905b, 81.—Villot, 1875a, 466 (*stratipunctata*) (free; Med.).
- ACANTHOPHORUS* Linst., 1876a, 5-6 (?type *tenuis*) [not *Acanthophorus* Serv., 1832, coleopt.; *Acanthophora* Soll., 1873, protozoon; etc.].—Stiles & Hass., 1905b, 82.—See *Tropidocerca* & *Tropisurus*.
- horridus* Linst., 1876a, 6, pl. 1 figs. 10-12 (in *Anas ferina*; Ing.); 1879a, 178 (in *Fuligula ferina*).—Stiles & Hass., 1905b, 82.
- tenuis* Linst., 1876a, 5-6, pl. 1 figs. 7-9 (in *Mergus merganser*; Ing.).—Rail., 1893a, 544 (so. *Tropisurus fissispinus*).—Stiles & Hass., 1905b, 82.
- ACANTHOSOMA* Mayer, 1844a, 73-76; 1844b, 409-410 (mt. *chrysalis*) [not *Acanthosoma* Curt., 1824, hemipt.; Owen Ross, 18—, crustacean; De K., 1842, fish].—Stiles & Hass., 1905b, 82.
- chrysalis* Mayer, 1844a, 73-76 [in *Rana escul.*]; 1844b, 409-410, figs. 5-8.—Crep., 1846, 148.—Stiles & Hass., 1905b, 82.—[A larval dipteran which has been interpreted as a roundworm.]

- ACANTHRUS** Acharius, 1780, 49-55, pl. 2 figs. 1-9 (mt. sipunculoides) [not *Acanthurus* Eichoff, 1886, insect].—Looss, 1902, 755.—Marval, 1905, 204 (so. *Echinor.*).—Stiles & Hass., 1905b, 82.
- sipunculoides* Acharius, 1780a, 49-55, pl. 2 figs. 1-9 (in *Osmerus eperlanus*; by Martin).—Dies., 1851a, 58 (so. *Echinor. eperlani*).—Looss, 1902, 755.—Lühe, 1905b, 329-331; 1906b, 151, 158, 201-202, 249, 259, 301, 329-331 (cf. *E. ep.*, *sipunculus*, *marænæ*, *murenæ*, *sipunculoides*) (in *O. e.*).—Nitzsch, 1818e, 244.—Porta, 1905, 197 (so. *E. ep.*).—Rud., 1809a, 313.—Stiles & Hass., 1905b, 82.—Westrumb, 1821a, 42 (so. *E. ep.*).
- Acanthure** Lamour., 1822a, 42 (see *Acanthrus*).
- Acantocephali** (Italian vernacular name for *Acanthocephali*, q. v.).—Chiari, 1907, v. 1, 25.
- ACANTOCEPHALA** Nordm., 1840, 558 (for *Acanthocephala* Rud.).
- ACANTOCEPHALOS** Neiva, 1915, v. 29 (12), 89-96 (for *Acanthocephali*).
- ACARIS** Balss, 1908, 278 (misprint for *Ascaris*).
- ACHEILOSPIRURIDÆ** Oerley, 1885a, 104 (for *Acheilospiruridea* 1861) (subf. of *Spiruridea*, contains *Proleptus*, *Spiropterina*).
- ACHEILOSPIRURIDEA** Dies., 1861a, 617 (subf. of *Spiruridea*, contains *Spiropt.*, *Eucamptus*, *Proleptus*, *Histioc.*, *Disph.*, *Spiropterina*).—Stiles, 1907b, 37.
- ACHEILOSTOMA** Leiper, 1911, PZSL, 549-550 (tod. *simpsoni*) (*Ancylostomidæ*).—Hall, 1916a, 112-113.
- paraneator* Trav. & Horta, 1915, Bm, v. 29 (49), 389 (3-4) (in *Equus asinus*; S. Paulo, Brazil).
- simpsoni* Leiper, 1911, 549-550, fig. 140 (in large rodent; Nigeria).—Hall, 1916a, 113-114, figs. 138-141 (in l. r.; Africa).
- ACHEILOSTOMI** Dies.: 1851a, 264 (section of *Fil.*, with 21 species).—Cond.-Franc., 1892, 168.—Grassi, 1887g, 622.—Mol., 1858, 372.—Stiles & Hass., 1905b, 82.
- ACHROMADORA** Cobb, 1913, JWAS, 441 (mt. *minima*).
- minima* (Cobb, 1893) Cobb, 1913, 441; 1914, TAMS, v. 33, 72, 119 (38, 85, 92), pl. 5 fig. 11.
- ACHYLOSTOMA** Dubini, 1850a, 102 (for *Agchylost.*).
- ACROBELES** Linst., 1877a, 2-3 (mt. *ciliatus*) [not *Acrobela* Færster, 1862, hymenopt.; not *Acrobelus* Stål, 1869, hymenopt.].—Oerley, 1880, 142.
- ciliatus* Linst., 1877a, 2-3, fig. 3 (in *schwarzer Erde*; lng.).—Oerley, 1880, 142.—Stiles & Hass., 1905b, 82.
- ACROPHALLI** Mol., 1858d, 156; 1861c, 326 (section of *Nematoda*).—Carus, 1863, v. 2, 463 (group, contains: *Trichotrachelidea*, *Strongylidea*).—Dies., 1861a, 621, 714 (sec. 2 of *Nematoda protucha*, contains *Strongylidea*).—Goldb., 1855, 112.—Koch, 1885a, 57.—Looss, 1901, 36, 47.—Schneid., 1866a, 26.
- ACROSTOMATA** Dies., 1861a, 716 (phalanx 2 of *Sclerostomidea*, contains *Sclerost.*, *Stephanurus*).
- ACRYACANTHUS** Muell., A., 1904a, 121 (for *Ancyracanthus*).
- ACTIONALAIMUS** Cobb, 1913, JWAS, v. 3, 439-440 (tod. [n. g., n. sp.] *radiatus*) (free forms).
- labyrinthostomus* (Cobb, 1893) Cobb, 1913, 440.—Steiner, 1916, ZA, 328.
- propinquus* Cobb, 1915, 30-32 (Douglas Lake, Mich.).
- radiatus* Cobb, 1913, 439-440 (on roots of plants and among algae: Potomac River, near Wash., D. C.; also in Douglas Lake, Mich.); 1914, 38.—Steiner, 1916, ZA, 328.
- ACUARIA** Brems., 1811a, 11, 26 (tsd. *anthuris*) (no specific name used). 15, 16, 17, 18, 20, 26.—Gendre, 1913, 109, 110.—Hall, 1916a, 187.—Nordm., 1840a, 661 (so. *Spiropt.*).—Poche, 1912, AN, 11, 12 (type *euryoptera*), 13, 14, 15, 21, 24, 53, 101.—Henry & Sis., 1913, v. 43, 609-637, figs. 1-23; 1914, v. 23, 303-306.—R., H., & S., 1912, CrSB, v. 73, 36, 20 Dec., 622-624 (type *anth.*) (in birds).—Rans., 1904a, 38; 1911a, 103, 104 (so. *Spiropt.*, type *anth.*).—Rud., 1819a, 244.—Schneid., 1866a, 15.—Seur., 1916, 339.—Skrj., 1916, 503-504.—Stiles & Hass., 1905b, 82 (tsd. *anthuris*) (s. *Spiropt.*, *Disph.*, *Anthuris*).—Weinl., 1858a, 89 (f. of *nematodes*).—See also *Spiroptera* Rud., 1819a (*Acuaria* renamed); *Anthuris* Rud., 1819a (*Acuaria* renamed) [type *anthuris*]; *Disphargus* Duj., 1845a (tsd. *anthuris*).

ACUARIA—Continued.

- affinis* Seur., 1916 (1917). CrSB, 1128–1130 (8–10), fig. 1 (in *Strix flammea*; Kabylie).
- alata* (Rud., 1819) R., H., & S., 1912, 624 to (*Synhimantus*).—Seur., 1916, 142.
- anthuris* (Rud., 1819) R., H., & S., 1912, 623 to (*Acuaria*).—Poche, 1912, AN, 15.—Seurat, 1916, 141; 1916 (1917), CrSB, 935 (2); 1916 (1917), CrSB, 1130 (10).—Skrj., 1916, 504–505 to (*Acuaria*) (in *Corvus frugilegus*, *C. corone*).
- attenuata* (Rud., 1819) R., H., & S., 1912, 623 to (*Acuaria*).
- brevicaudata* (Duj., 1845) R., H., & S., 1912, 624 to (*Synhimantus*).—Skrj., 1917, P. 461–462, pl. 18 figs. 1–2 to (S.) (in *Botaurus stellaris*, *Ardetta minuta*; Europe).
- calcarata* (Mol., 1860) R., H., & S., 1912, 624 to (*Hamannia*).
- capitata* (Mol., 1860) R., H., & S., 1912, 623 to (*Dispharynx*).
- contorta* (Mol., 1858) R., H., & S., 1912, 624 to (*Hamannia*).
- corvorum* Baird, 1853a, 106 (quotes Brems., 1811b, 26) [in *Corvus*; Coll. Wien].—Linst., 1895, 532.
- crassicauda* (Crep., 1829) R., H., & S., 1912, 624 to (*Synhimantus*).
- crassissima* (Mol., 1860) R., H., & S., 1912, 623 to (*Dispharynx*).
- denticulata* (Mol., 1860) R., H., & S., 1912, 624 to (*Synhimantus*).
- depressa* (Schneid., 1866) R., H., & S., 1912, 623 to (*Acuaria*).
- elliptica* (Mol., 1858) R., H., & S., 1912, 624 to (*Synhimantus*).
- elongata* (Rud., 1819) R., H., & S., 1912, 623 to (*Cheilospirura*).
- euryoptera* (Rud., 1819) Poche, 1912, AN, 12, 14.
- falcinelli* (Rud., 1819) Mol., 1860c, 496 (quotes Brems., 1811, 26) (so. *Disphar. contortus*) (in *Ibis falcinellus*; Padua); 1861c, 303 (so. *D. c.*) (in *I. f.*; P.).
- gracilis* (Gendre, 1912) R., H., & S., 1912, 623 to (*Acuaria*).
- gruveli* (Gendre, 1913) Gendre, 1913, PVSL, 110(5).
- hamata* (Linst., 1877) R., H., & S., 1912, 624 to (*Synhimantus*).—Seur., 1915, 14.
- hamulosa* (Dies., 1851) Rail., 1911, RMv, 391.—R., H., & S., 1912, 623 to (*Cheilospirura*).
- invaginata* (Linst., 1901) R., H., & S., 1912, CrSB, 624, to (*Synhimantus*).—Maupas & Seur., 1916, 617.—Seur., 1916, 142.
- involuta* (Linst., 1879) R., H., & S., 1912, 624 to (*Synhimantus*).—Seur., 1916 (1917), CrSB, 1126 (6).
- laniorum* Mol., 1860b, 940(32) (quotes Brems., 1811b, 26) (so. *Spiropt. euryoptera*) (in *Lanius collurio*; Brems.).
- laticeps* (Rud., 1819) R., H., & S., 1912, 624 type of (*Synhimantus*).—Seur., 1915, CrSB, v. 78, 41–44 (14–17), figs. 1–2 (in *Accipiter nisus*, *Strix alba*; Algeria); 1916, 141; 1916 (1917), CrSB, 1126–1127, 1128, 1129, 1130 (6–7, 8, 9, 10), fig. 2 (s. *Fil. involuta*, *Spiropt. fallax*, *Disph. spiralis*) (in *A. n.*, *S. a.*; *A.*).
- longeornata* (Mol., 1860) R., H., & S., 1912, 624 to (*Hamannia*).
- longevaginata* (Mol., 1860) R., H., & S., 1912, 624 to (*Synhimantus*).
- macrolaimus* (Linst., 1906) R., H., & S., 1912, 623.
- magnilabiata* (Mol., 1860) R., H., & S., 1912, 623 to (*Cheilospirura*).
- mamillaris* (Mol., 1860) R., H., & S., 1912, 623.
- meropis-apiastri* Mol., 1860b, 971 (63) (quotes Brems., 1811b, 26) (so. *Spiropt. denticulata* Mol.) (in *Merops apiaster*; M. C. V.).
- muscipapæ* (Linst., 1878) R., H., & S., 1912, 623.
- nasuta* (Rud., 1819) R., H., & S., 1912, 623 type of (*Dispharynx*).—Seur., 1916, 340 (in *Porcellio lævis*).
- noctua* Seur., 1913, CrSB, v. 74, 103–106, figs. 1–5 to (*Dispharynx*) (in *Carine noctua glaux*; Birine, Hauts plateaux algériens; 1916 (1917), CrSB, 934, 935, 937, 938 (1, 2, 5); 1916, 338–339, 340 (in *Erinaceus algirus*; Bou-Saâda).
- ornata* (Gendre, 1912) R., H., & S., 1912, 623 to (*Acuaria*).
- papillifera* (Linst., 1878) R., H., & S., 1912, 623 to (*Acuaria*).
- pelagica* (Seur., 1916) Seur., 1916, CrSB, 785–788, figs. 1–5 (in *Larus canus*, *Puffinus kuhli*; Algeria).—Skrj., 1916, CrSB, 972, 973 (in *L. c.*, *P. k.*) (so. *Seuratia shipleyi*).
- phænicopteris* Seur., 1916, CrSB, 439–441, figs. 1–4 to (*Hamannia*) (in *Phænicopterus roseus*; Algeria).

ACUARIA—Continued.

- quadriloba* (Rud., 1819) R., H., & S., 1912, 624.
recta (Mol., 1860) R., H., & S., 1912, 623 to (Cheilospirura).
rectovaginata (Mol., 1860) R., H., & S., 1912, 623 to (Dispharynx).
rotundata (Linst., 1907) R., H., & S., 1912, 623 to (Cheilospirura).
similis Gendre, 1913, 110 (5) (lapsus for *A. gracilis* (Gendre)).
spiralis (Mol., 1858) R., H., & S., 1912, 623.—Seur., 1916 (1917). CrSB, 935-938 (1, 2, 5), figs. 3-4 to (Dispharynx) (in *Caccabis petrosa*: Aumale).—Skrj., 1916, 505-506 to (Dispharynx) (in poule; Tchimkent Syr Daria).
squamata (Linst., 1883) R., H., & S., 1912, 624 to (Hamannia).
subula (Duj., 1845) R., H., & S., 1912, 623 to (Acuaria).—Gendre, 1913, 110.
symmoidea (Mol., 1860) R., H., & S., 1912, 624.
tarentolæ Seur., 1916 (1917), CrSB, 934-935 (1-2, 3), figs. 1-2 (in *Tarentola mauritanica*; Kouba).
tenuis (Duj., 1845) R., H., & S., 1912, 623 to (Acuaria).
uncinata (Rud., 1819) R., H., & S., 1912, 624 type of (Hamannia).—Seur., 1916, 341 (in *Daphnia pulex*).
upupæ-epopis Mol., 1860b, 942 (34) (quotes Brems., 1811b, 26) (so. *S. truncata* Crep.) (in *Upupa epops*; Brems.).
vanelli (Rud., 1819) Poche, 1912, AN, 12.

ACUARIIDÆ Seur., 1913, CrSB, 106 (includes *Acuariinæ*, *Physalopterinæ*): 1914, Dec. 11, 527; 1915, v. 78, 22; 1915, 15; 1916, CrAS, 141-143; 1916, 298, 308, 330, 339.—Hall, 1916a, 64; 1916b, 521.—Skrj., 1916, CrSB, 971; 1916, 503.
ACUARIINÆ Rail., Henry & Sis., 1912, CrSB, 622 (type *Acuaria Brems.*, 1811) (includes also *Cosmoc.* Mol., 1858, *Histioc.* Dies., 1851, *Streptocara* n. g.).—Rail., 1915, 494; 1915, 735; 1916, RMv, 521.—Skrj., 1916, CrSB, 972; 1916, 503.

ACYARIS Royal, 1909, May 16, 501 (misprint for *Asc.*).

vermicularis (Linn., 1758) Royal, 1909, May 16, 501.

ADENOPHORI Linst., 1905cc, 273 (Abt. of *Nematoda*) [not *Adenophorus* Thoms., 1859, *coleopt.*]; 1907, 4; 1909, 48, 80 (contains *Myenchus*, *Myoryctes*, *Rhabditis*, *Cephalobus*).

ÆGIALOALAIMUS Man. 1907, 33, 35 (mt. *elegans*); 1907, 228 (mt. e.).

elegans Man. 1907, 33, 35-36, 86, pl. 1 fig. 2 (Zealand); 1907, 228 (marine; Ierseke).

AGAMOFILARIA Stiles, 1907a, 10; 1907b, 40-47 [a collective group, not a true genus] (*Filariide*): 1914, MM, v. 2, 271.—Brumpt, 1913a, 497.—Cast. & Chalm., 1910a, 407, 426; 1913a, 522, 532.—F., S., & T., 1916a, 406.—Gedœlst, 1911a, 107.—Pearse, 1913, v. 1, 143.—Seur., 1916, 351.—Ward, 1916, 682, 689.

georgiana Stiles, [1906i, 839-840 (in *Homo*; Ga.); 1906k, 1232:] 1907a, 9-30, figs. 1-25; 1907b, 31, 48; 1907e, 623; 1909ff, 176; 1914, MM, v. 2, 315.—Braun, 1915a, 324.—Brumpt, 1913a, 525.—Cast. & Chalm., 1910a, 426.—Daniels, 1910a, 231; 1914, 131.—F., S., & T., 1916a, 406.—Gedœlst, 1911a, 107.—Ward, 1916, 689.

labialis (Pane, 1864) F., S., & T., 1916a, 407.

oculi (Sieb., 1839) Stiles, 1907b, 48 (s. *Fil. oculi humani*, *F. lentis*, *F. oculis*, *F. okuli humani*, *F. oculi hominis*); 1907e, 623; 1914, MM, v. 2, 314.—Cast. & Chalm., 1910a, 426.—Gedœlst, 1911a, 107 (in man).—Ward, 1916, 689.

oculi humani (Nordm., 1832) F., S., & T., 1916a, 405-406.

palpebralis (Pace, 1866) Cast. & Chalm., 1910a, 426.—F., S., & T., 1916a, 405, 406.—Gedœlst, 1911a, 107 (in boy) (cf. *conjunctivæ*).

AGAMOMERIS Cast. & Chalm., 1910a, 427; 1913a, 523, 543 (misprint for *Agamomermis*).

restiformis (Leidy, 1880) Cast. & Chalm., 1910a, 407, 427.

AGAMOMERMIS Stiles, 1903aa, 15-17 (a collective group, not a true genus, *Mermithide*); 1907a, 10; 1914a, v. 2, 271, 316.—Stiles & Hass., 1905b, 83.—Cast. & Chalm., 1910a, 427.—F., S., & T., 1916a, 470.—Gedœlst, 1911a, 112.—Ward, 1916, 692.

culicis Stiles, 1903aa, 15-17 (in *Culex sollicitans*; U. S. A.): 1903bb, 684; 1903cc, 103; 1903dd, 124; 1903ee, 346; 1903ff, 151; 1903gg, 491.—Stiles & Hass., 1905b, 83.

AGAMOMERMIS—Continued.

gammari (Linst., 1892) Stiles, 1903aa, 17 (in *Gammarus pulex*).

hominis oris (Leidy, 1850) Ward, 1916, 692.

restiformis (Leidy, 1880) Stiles, 1907b, 50; 1908g, 19–22, figs. 19–26 (in *Homo*); 1914, MM. v. 2, 316.—Braun, 1915a, 302.—Cast. & Chalm., 1910a, 407, 427.—F., S., & T., 1916a, 470.—Gedo-Ist. 1911a, 112 (in man; America).—Smith & Denney, 1913, v. 1 (4), 281–287, pl. 7 figs. 1–5.—Ward, 1916, 692.

sialidis (Linst., 1892) Stiles, 1903aa, 17 (in *Sialis lutaria*).

See also: —, *acrididorum* (Linst., 1897), *africana* (Linst., 1898), *australis* (Linst., 1898), *brasiliensis* (Linst., 1898), *costaricensis* (Linst., 1898), *drassi* (Linst., 1883), *hyalinae* (Linst., 1891), *longissima* (Fedtsch., 1874), *lycosae* (Leidy, 1856), *nigra* (Linst., 1903), *rigida* (Baird, 1853), *spiralis* (Baird, 1853), *truncatula* (Rud., 1819).

AGAMONEMA Dies., 1851a, 78, 116–122 (a collective group for immature nematodes in fishes, not a true genus, it requires no type).—Ben., 1870, xiv.—Chatin, 1885a, 41.—Cobbold, 1876, 89.—Cond.-Franc., 1898a in 1–17.—Eberth, 1863, 43.—Goldb., 1855, 109.—Linst., 1902a, in 217–232; 1909, 82.—Mont., 1889, 70.—Oerley, 1885a, 105.—Scudd., 1884a, 10.—Seur., 1916, 351.—Stiles & Hass., 1899, 164.

acerinae Linst., 1878b, 241, pl. fig. 31 (in *Acerina cernua*; by Linst.); 1889a, 72 (in A. c.); 1909, 82 (in A. c.).—Hofer, 1904a, 284.

affine (Dies., 1851) Linst., 1909a, 83 (in *Larus ridibundus*).—Seur., 1916, 351 (in L. r.).

alaua (Mol., 1859) Linst., 1878a, 269 (in *Alosa vulg.*).—Hofer, 1904a, 229 (in A. v.).

apri Dies., 1851a, 119 (s. *Nematoideum dub. zeuis-apri* Rud., 1819a, 194, 564, renamed) (in *Capros aper*; Nap.).—Linst., 1878a, 217.

ascaris-rubicunda Stoss., 1895c, 36 (6) (in *Python reticulatus*; Singapore).

aspi Dies., 1851a, 121 (*Dubium cyprini-aspii* Rud., 1819a, 197, 567, renamed) (in *Aspius rapax*; Berl.).—Hofer, 1904a, 271.—Krøyer., 1852–53a, 1225.—Linst., 1878a, 260 (in A. r.).

belones-vulgaris Dies., 1861a, 726 (in *Belone vulg.*; Trieste, Wedl, 1855a, 386, fig. 23.).—Linst., 1878a, 235.—Par., 1894a, 228 (in B. v.).—Stoss., 1896, 55; 1898, 73.

bembidii Linst., 1902, 223, fig. 7 (in *Bembidium* sp.; Dublany).—Kowal., 1902d, 25 (7) (in B. fasciolatum).—Seur., 1916, 363 (in B. sp.).

bicolor (Crep., 1825) Dies., 1851a, 116 (in *Acerina vulg.*, *Gasterosteus aculeatus*, *Lota communis*, *Osmerus eperlanus*, *Perca fluvi.*; Greifsw.).—Hofer, 1904a, 271 (in A. cernua, *Lota vulg.*).—Krøyer., 1838–40a, 578, 579 (in A. c., P. f.).—Linst., 1878a, 207; 1909a, 82 (in A. c., L. v., O. e., P. f.).—Mueh., 1898, 52.—Schneid., 1913, 31.—Stiles & Hass., 1899, 118; 1905b, 83.—Zsch., 1903, 132, 133, 134.

bombinatoris (Linst., 1885) Linst., 1909a, 82 (in *Bombinator igneus*).—Seur., 1916, 351 (in B. i.).

campbelli Chatin, 1885a, 41–42 (in flesh of fish; Campbell Isl.).

capsularia (Rud., 1802) Dies., 1851a, 116–117 (s. *Gord. marinus*, *harengum*, *Asc. harengum*, *halecis*, *Cucullanus halecis*, *Capsularia halecis*, *Filocapsularia com.*) (in *Acanthias vulg.*, *Belone acus*, *Clupea harengus*, *Conger vulg.*, *Cyclopterus lumpus*, *Gadus morrhua*, *Hippoglossus vulg.*, *Lophius piscatorius*, *Lota motva*, *Merlangus com.*, *M. vulg.*, *Rhombus maximus*, *Scomber scombrus*, *Syngnathus acus*, *Trigla gurnardus*; M. C. V.).—Fourm., 1882a, 840, 841.—Galli-Val., 1901c, 362 (in M. vulg.).—Hofer, 1904a, 271 (in *Trutta salar.*).—Krøyer., 1838–40a, 581, 595, 603, 605, 611, 612, 613, 615 (in C. l., G. m.; *Hippoglossus maximus*, L. p., M. v., R. m., *Salmo salar*, Sc. sc., T. g.); 1846–53a, 704, 892; 1852–53a, 1221 (in *Acanthias vulg.*, *Belone rostrata*, *Siphost.*).—Leidy, 1857, 55; 1878, 171; 1888d, 125.—Linst., 1878a, 219.—Lint., 1900, 284; 1901, 410, 435, 437, 444.—Mol. 1861c, 322.—Mueh., 1898, 52.—Nicoll, 1907, 72 (in *Clupea harengus*).—Oerley, 1885a, 105.—Par., 1900c, 194; 1902, 14–15 (in *Trigla corax*, *Trachurus trachurus*).—Seur., 1916, 351.—Stiles & Hass., 1894e, 351 (in *Alosa sapidissima*, *Clupea h.*, *C. sapidissima*, *Gadus callarias*, *Serranus atrarius*, *Stromateus triacanthus*); 1905b, 83.—Zsch., 1896, 782, 784, 816, 818, 820, 821, 822, 823, 824; 1903, 127.—Also in *Centropristes nigricans*, *Clupea elongata*, *Galeus canis*, *Labrax lineatus*, *Lepidopus caudatus*, *Merlucius escul.*, *Morrhua americana*.

AGAMONEMA—Continued.

- carancum* Dies., 1851a, 121 (in *Caranx trachurus*, C. luna; Nap.) (s. *Dubium carancis-trachuri* Rud., 1819a, 195, 566).—Linst., 1878a, 217.—Par., 1894a, 227 (in *Trachurus trachurus*; Rimini).—Stoss., 1901, 89 (1).—See *carangum*, *carangum* Krøyer., 1838–40a, 597 (in *Caranx trachurus*) (see *carancum*).
- chrysophrydis-aurata* Dies., 1851a, 119 (in *Chrysophrys aurata*; M. C. V.) (s. *Fil. spari-auratæ* renamed).
- commune* (Deslgch., 1824) Dies., 1851a, 120–121 (s. *Gord. marinus*, *Asc. marina*, *Fus. marina*, *Fil. marina*, *piscium*) (in *Brosimius brosmæ*, *Cottus scorpio*, *Gadus æglefinus*, *G. callarias*, *G. islandicus*, *G. morrhua*, *Lophius piscatorius*, *Lota lotia*, *Pleuronectes platessoides*, *Sebastes norvegicus*, *Salmo arcticus*).—Baylis, 1916, P, 362.—Fourm., 1882a, 840–843.—Krøyer., 1838–40a, 583, 603, 605, 606, 608, 610 (in *Brosimius vulg.*, C. s. *G. æg.*, *G. m.*, *L. p.*, *L. m.*).—Linst., 1878a, 214 (in *Sebastes norvegicus*).—Nicoll, 1907, 71 (in *G. æg.*).—Stiles, 1907a, 48 (cf. *Spiropt. hominis*).—Zsch., 1896, 781, 782, 784, 816, 823.
- corvinæ-nigræ* Par., 1894a, 226–227 (in *Corvina nigra*; Genoa).
- cysticum* (Rud., 1819) Dies., 1851a, 118 (in *Synbranchus laticaudatus*; Brazil).—R. Bl., 1888a, 729 (in *Galaxias scribe*) (larva of *Eustr.*).—Linst., 1878a, 270.—Seur., 1916, 351.—Stiles & Hass., 1905b, 83.—Also reported for *Galaxias* sp.
- engraulidis* Stoss., 1887d (e), 189 (6), pl. 12 figs. 53–54 (in *Alosa sardina*, *Engraulis encrassicholus*; Trieste).
- fabri* Dies., 1851a, 118–119 (in *Zeus faber*; Rimini) (*Fil. zeus-fabri* renamed).—Linst., 1878a, 220.—Par., 1894a, 227.
- flesi* Linst., 1878b, 241 (in *Platessa flesus*; by Linst.).
- gasterostei* (Linst., 1884a), Linst., 1909a, 82 (in *Gasterosteus aculeatus*).
- lampetræ* Krøyer., 1852–53a, 1040 (in *Petromyzon marinus*; Ing.).
- leucisci-rutili* Dies., 1851a, 122 (in *Leuciscus rutilus*; Hannover).
- lichia-glaucæ* Dies., 1851a, 120 (*Dubium centronoti-glauci* Rud. renamed) (in *Lichia glauca*; Nap.).—Linst., 1878a, 218.—Par., 1894a, 228.
- lophii-piscatori* Dies., 1861a, 727 (in *Lophius piscatorius*; Wedl, 1855a, 385–386, 394, figs. 21–22).—Linst., 1878a, 223.—Par., 1894a, 228 (in *Dactylopterus volitans*, *L. p.*, *Trigla lineata*; Trieste, Italy).
- merlucii-vulgaris* Dies., 1851a, 118 (s. *Nematoideum dub. gadi-merlucii*, *Dubium gadi-merlucii*) (in *Merlucius vulg.*; Nap.).—Krøyer., 1838–40a, 608 (in *M. v.*).—Linst., 1878a, 240.—Par., 1894a, 228 (in *M. escul.*; Nap.).
- mulli* Dies., 1861a, 727 (in *Mullus barbatus*, *Zeus faber*; Trieste, by Wedl, 1855a, 387–388, 394, figs. 26–27).—Linst., 1878a, 211.—Par., 1894a, 226 (in *M. b.*; Trieste).—Stoss., 1887, 190; 1896, 62 (56) (so. *Asc. wedlii*); 1898, 74.
- oculi ranæ* (Nordm., 1832) Linst., 1909a, 82 (in *Rana escul.*).—Seur., 1916, 351 (in *R. e.*).
- ovatum* (Zed., 1803) Dies., 1851a, 117–118 (s. *Fil. gobionis*, *Asc. gobionis*, *Fus. gobionis*, *Gordius Gœze*) (in *Gobius vulg.*, *Leuciscus dobula*, *Phoxinus lævis*; M. C. V.).—Hofer, 1904a, 229, 238, 271 (in *Gobio fluv.*, P. l., *Squalius cephalus*).—Krøyer., 1852–53a, 1222, 1224, 1225 (in *G. fluv.*, *L. d.*, *P. aphyia*).—Linst., 1878a, 253.—Seur., 1916, 355.—Sramek, 1901, 102 (to *Ichthyonema*).—Stiles & Hass., 1905b, 83.—Zsch., 1896, 817, 820.
- paganelli* (Mol., 1859) Par., 1894a, 228 (in *Gobius paganellus*; Trieste).
- papilligerum* (Crep., 1846) Dies., 1851a, 116 (s. *Nematoideum dub. scombris-scombris* Rud.) (in *Gasterosteus aculeatus*, *Scomber scombrus*; Nap., *Greifsw.*).—Hofer, 1904a, 271 (in *G. a.*).—Krøyer., 1838–40a, 592, 595 (in *G. a.*, *S. s.*).—Leidy, 1859, 112 (so. *Fil. solitaria*).—Linst., 1878a, 219.—Linst., 1901, 410, 444 (*papilligerum*).—Par., 1894a, 226 (in *Acipenser sturio*; Padua; 1902c, 15 (in *Auxis rochei*; Portoferrajo).—Stiles & Hass., 1905b, 83.—Stoss., 1887, v. 10, 190, pl. 11 figs. 48–49; 1896, v. 17, 62 (56) (to *Asc.*); 1898, 74.—Also reported in *Auxis vulg.*
- pectinis-jacobi* (Linst., 1878) Par., 1894a, 228 (in *Pecten jacobaeus*; Trieste, teste Wedl, 1855).
- piscium* (Rud., 1809) Schneid., 1862a, 276.—M. Issner, 1863a, 55.—Stiles & Hass., 1894e, 351 (in *Coregonus chupeiformis*); 1907b, 48.
- ranzanii* Stoss., 1893a (b), 86 (4), fig. 2, i. in *Ranzania truncata*; Pirano, Istria; 1898, 75.

AGAMONEMA—Continued.

- rhombi-boscii* Dies., 1851a. 119 (s. *Dubium pleuronectis-boscii* Rud.) (in *Rhombus boscii*; Nap.).—Linst., 1878a. 244.—Par., 1894a. 228 (in *Arnoglossus boscii*; Nap.).
- rotundatum* Linst., 1883a. 291, pl. 7 fig. 23 (in fish. gen. sp.?).
- scombrorum* Dies., 1851a. 121 (s. *scombri-sardæ*, s. *coliae*) (in *Pelamys sarda*, *Scomber colias*; Nap.).—Linst., 1878a. 218.—Par., 1894a. 227 (in P. s., S. c.; Nap.).
- scorpenæ-cirrhosæ* Dies., 1851a. 120 (s. *Nematoideum dub. perca-cirrhosæ*) (in *Scorpena cirrhosa*; Rimini.).—Linst., 1878a. 215.—Par., 1887. 345-346, pl. 7 figs. 44-47 to (Asc.).
- serrani-cabrillæ* Dies., 1851a. 120 (in *Serranus cabrilla*; Nap.).—Linst., 1878a. 211.—Par., 1894a. 226 (in S. c., S. *hepaticus*, S. *scriba*; Nap.).
- sparoidum* Dies., 1851a. 119 (s. *Nematoideum dub. spari-boopis*, *mormyri*, *melanuri*, *alcedinis*) (in *Box vulg.*, *Oblata melanura*, *Pagellus mormyrus*, *Smaris alcedo*; Rimini. Nap.).—Linst., 1878a. 212.—Par., 1902. 15 (in O. m.).—Stoss., 1887d(e), 189(6) (in *Box boops*; Trieste) (to Asc.); 1896. 65 (to Asc.); 1898. 75.—Also reported for *Box salpa*.
- species Ben., 1868a. 302, pl. 2 figs. 9-13 (in *cigogne blanche*; by Ben.).
- species Ben., 1871a. 56, pl. 3 fig. 8 (in *cecum pylor.* of *Morrhua vulg.*; Belgium).
- species Ben., 1873.—Seur., 1916. Bs. v. 49. 351 (in *Rhinolophus hipposideros*).
- species Hannover, 1864.—Linst., 1909a. 83 (in *Rana temp.*).—Seur., 1916. 351 (in *Rana temp.*).
- species Johnst., 1913.—Seur., 1916. 351 (in *Ceratophyllus fasciatus*, *Xenopsylla cheopis*; Australia).
- species Johnst., 1914. v. 26. 82-83, pl. 10 figs. 1-2 (encysted in *Hyla cærulea*; Brisbane).
- species Krøyer., 1838-40a. 593 (in *Spinachia vulg.*).
- species Krøyer., 1852-53a. 913 (in *Spinax niger*; Ing.).
- species Krøyer., 1852-53a. 1224 (in *Leuciscus rutilus*; Ing.).
- species Mont., 1892.—Seur., 1916. 351 (in *Synapta digitata*, S. *inhærens*).
- species Mont., 1889d. 79 (4) (in *Montella* sp.; Valparaiso).
- species Par., 1899a. 14 (in *Lichia vadigo*; Portoferrajo); 1899. 98 (in L. v.; P.).
- species Par., 1900. 194 (in *Genypterus capensis*; Mar del Plata).
- species Par., 1902. 2 (in *Trachurus trachurus*; Elba).
- species Par., 1902c. 15 (in *Scomber colias*; Portoferrajo).
- species Sons., 1891g. 258 ([larva] in *renilabrus griseus*; Mus. Pisa).
- species Radkewitz.—Linst., 1909a. 83 (in *Enchytraeus vermicularis*).—Seur., 1916, Bs. v. 49. 351 (in E. v.).
- species.—Also reported for *Cantharus lineatus*, C. *vulg.*, *Rhinolopus hipposideros*.
- sternæ* (Rud., 1819) Linst., 1909a. 82 (in *Sterna nigra*).—Seur., 1916. Bs. v. 49. 351 (in *Sterna leucopareia*).
- stossichii* Cond.-Franc., 1898a. 2. 4. 13. figs. 2-4 (in *Gobius avernensis*; River Sarno, Salerno).
- syngnathi-pelagici* (Rud., 1819), Dies., 1851a. 118 (in *Syngnathus pelagicus*; Nap.).—Linst., 1878a. 275.—Par., 1894a. 228.
- tincæ* Dies., 1851a. 122 (s. *Dubium cyprini-tincæ*) (in *Tinca chrysis*; Ing.).—Hofer, 1904a. 229 (in T. *vulg.*).—Krøyer., 1852-53a. 1223 (in T. v; Rud., 1819).—Linst., 1878a. 257.
- triglæ-hirundinis* (Rud., 1819), Dies., 1851a. 121 (s. *Dubium triglæ-hirundinis*) (in *Trigla hirundo*; Rimini).—Krøyer., 1838-40a. 582 (in T. h.).—Linst., 1878a. 226.—Par., 1894a. 227.
- tritonis* (Linst., 1877). Linst., 1909a. 82-83 (in *Triton tæniatus*).—Seur., 1916, Bs. v. 49. 351 (in T. t.).
- umbrinæ-vulgaris* Dies., 1851a. 119 (in *Umbrina vulg.*; Nap.).—Linst., 1878a. 215.—Par., 1894a. 226 (in U. *cirrrosa*; by Redi).
- vimba* (Linst., 1877) Hofer, 1904a. 238 (in *Abramis vimba*).

AGAMONEMA—Continued.

wachnæ Dies., 1851a, 118 (s. *Nematoideum* dub. *gadi-wachnæ*) (in *Gadus wachnæ*; by Tilesius, lng.).—Linst., 1878a, 238.

wilsoni Cobbold, 1876x, 89 (in *Crenilabrus rupestris*; by Wilson).

AGAMONEMATATA Olss., 1876a, 147 [see *Agamonema*].

AGAMONEMATODUM Dies., 1861a, 727 (collective group for immature nematodes, requires no type).—Seur., 1916, Bs. v. 49, 352.—Stiles, 1907a, 10.—Stiles & Hass., 1905b, 83.

alause (Mol., 1859) Dies., 1861a, 727 (in *Alausa vulg.*; Padua).—Stiles & Hass., 1905b, 83.

armadillonis-pilularis (Leidy, 1852) Seur., 1916, Bs. v. 49, 363 (in *Armadillo pilularis*).

blapis-mortisagæ (Dies., 1853) Dies., 1861a, 729 (in *Blaps mortisaga*).—Seur., 1916, Bs. v. 49, 352.

bombinatoris Linst., 1885b, 245, pl. 14 fig. 22 (in *Bombinator igneus*; by Linst.).

gasterostei Linst., 1884a, 136, pl. 9 fig. 19 (in *Gasterosteus aculeatus*); 1889a, 83 (in intest. G. a.).—Hofer, 1904a, 229 (in G. a.).

gaylordi Rans., 1914, in Gaylord & Rans, 1914, BF, v. 32, 500–501 (in *Canis* fam.; Maine).

geotrupis Linst., 1877a, 12–13, pl. 1 fig. 20 (in *Geotrupes stercorarius*; lng.).—Seur., 1916, Bs. v. 49, 363 (in *G. sylvaticus*).

hospes Linst., 1882a, 16–17, pl. 2 fig. 21 (in *Armadillo vulg.*, *Vortex lapicida*, *Vitrina cellaria*; by Linst.); 1889a, 114 (in A. v.).—Seur., 1916, 363 (in *Armadillidium vulg.*).

juli Linst., 1878b, 242, pl. 9 fig. 34 (in *Julus terrestris*; by Linst.); 1889a, 111.—Seur., 1916, 363 (in J. t.).

necrophori Linst., 1878b, 241–242, pl. 9 fig. 32 (in *Necrophorus vespillo*); 1889a, 108 (in N. v.).—Seur., 1916, 363 (in N. v.).

paganelli (Mol., 1859) Dies., 1861a, 727 (in *Gobius paganellus*; Padua).—Linst., 1878a, 229.—Stiles & Hass., 1905b, 83.

passali-cornuti Linst., 1878a, 302 (in *Passalus cornutus*; quotes Leidy, 1852b, 243, pl. 11 fig. 46).

pectinis-jacobæi Linst., 1878a, 322 (in *Pecten jacobæus*; by Wedl, 1855a, 390).

species Linst., 1889a, 90 (in *Carassius vulg.*; quotes Olss., 1883a, 53).

tritonis Linst., 1877a, 12 (larva encysted in intest. wall of *Triton tæniatus*; lng.); 1878a, 204.

vespillonis Linst., 1878b, 242, pl. 9 fig. 33 (in *Necrophorus vespillo*); 1889a, 108.—Seur., 1916, 363.

AGAMONEMATOIDEA Dies., 1851a, 113 (tribe of *Protucha*, contains *Trichina*, *Agamonema*).—Goldb., 1855a, 108.—Kolenati, 1857, 12.

AGAMONEMATOIDEUM Dies., 1853a, 35.—Seur., 1916, Bs. v. 49, 351.

blapis-mortisagæ Dies., 1853a, 35 (in *Blaps mortisaga*; Stein, 1852, ZwZ, 204, pl. 10 fig. 11).—Seur., 1916, 351 (in B. m.).

AGAMOSPIRURA Henry & Sis., 1913, 1004, 1009, 1012; 1914, RgMv, 436–437.—Seur., 1916, 352.—Skrj., 1916, 462, 533–534, fig. 60; 1916, 88–89, 151.

AGANOMENA Cond.-Franc., 1898a, 17 (misprint for *Agamonema*).

AGCHYLOSTOMA Chiaje, 1846a, 400 (for *Agchylostoma*).—Solonet, 1909, 92.

duodenale (Dubini, 1843) Chiaje, 1846a, 400–403.

mephites Solonet, 1909, RAYV, v. 2 (15–16), 92 (in *Mephites suffocans*; Buenos Aires); 1909, 92.

AGCHYLOSTOMA Dubini, 1843a, 5–13 (mt. *duodenale*).—See *Ancylostoma*.

braziliense (Gomez, 1910) Gomez, 1914, v. 4 (2), 104; 1914, Bm, v. 28 (12), 113.

caninum (Erc., 1859) Stiles, 1903k (1), 17, 103.

ceylanicum Looss, 1911a, 212, figs. 111, 120 (in *Viverricula malaccensis*; Ceylon).

conepati Solonet, 1911, 1–174, figs. 1–25, 27, 28 (in intest. *Conepatus suffocans*; Buenos Aires).

duodenale Dubini, 1843a, 5–13, pl. 1 figs. 1–3, pl. 2 figs 1–5 (in *Homo*; Italy).

malayanum (Aless., 1905) Looss, 1911a, 211–212, figs. 113, 122 (in *Helarctos malayanus*; by Aless.).

AGCHYLOSTONA—Continued.

- mephites* (Solonet, 1909) Solonet, 1911, 22 (in *Mephites suffocans* (patagonicus)) (cf. *conepati*).
- pluridentatum* (Aless., 1905) Looss, 1911a, 212, figs. 112, 121 (in *Felis mitis*; Brazil).
- Agchylostomiasis (name of disease, see Uncinariasis).—Stitt, 1911, v. 5(3), 345–346.—Archibald, 1913, v. 16 (17), 260–262, 2 charts.—Breinl, 1914, 8–10.
- AGCHYLOSTOMIDÆ Looss, 1905a, 27 (possibly lapsus for Agchylostiminæ, see Looss, 1905a, 28–29); 1911a, 4, 210 (as fam.).—Cast. & Chalm., 1913a, 553–559.—Lane, 1917, IJMR, 424, 435, 436.
- AGCHYLOSTOMINÆ Looss, 1905a, 28–29 (contains Agchylost., *Necator*, *Unc.*) (subf. of Strongylidæ); 1911a, 4, 210 (diagnosis) (contains Agchylost., *Unc.*) subf. of Agchylostomidæ).—Cast. & Chalm., 1913a, 554–559.—Lane, 1917, IJMR, 435.
- AGCHYLOSTOMUM Dies., 1861a, 716 (for Agchylostoma) (so. *Dochmius*).—See *Ancylostoma*.
- duodenale* (Dubini, 1843) Dies., 1861a, 716 (so. *Doch. anchylostoma*).—Linst., 1885b, 238 (for Agchylostoma).
- AGRIOSTOMUM Rail., 1902b, 107–108, 110 (mt. vryburgi).—Cortelezzi, 1914, 48.—Gedœlst, 1911a, 122.—Linst., 1906, 92.—Nev.-Lem., 1912a, 647.—Rail. & Henry, 1909b, 169 (type vryburgi Rail., 1902, not Agr. vryburgi of Vryburg, 1907); 1912, 564; 1913, 506, 509.—Rans., 1911a, 14, 26, 27 (type vryburgi).—Stiles & Hass., 1905b, 84.
- vryburgi* Rail., 1902b, 107–108 (in *Bibos indicus*; Deli, Sumatra); 1915, 492; 1915, 735 (in Zebu).—Gedœlst, 1911a, 122.—Nev.-Lem., 1912a, 742.—Rail. & Henry, 1909b, 169 (not of Vryburg, 1907); 1913, 509–511, figs. 3–4 (in B. i.; D., S.).—Rans., 1911a, 14, 18, 27, 121 (in *Bos indicus*; S.).—Stiles & Hass., 1905b, 84.—Vryburg, 1907, 327–331, pl. 3 fig. 1–3, pl. 4 fig. 1–6, pl. 5 fig. 1–2.
- vryburgi* Rail. of Vryburg, 1907k, 327–331, pl. 3 figs. 1–3, pl. 4 figs. 1–6, pl. 5 figs. 1–2 (in intest. of Rinder [Bos]; Deli, Sumatra).—Rail. & Henry, 1909b, 170 (so. *Bunost. phlebotomum*).
- AKANTHOCEPHALI Schneidem., 1896, 324–325 (for Acanthocephali).
- ALAIMUS Man, 1880a, 2–3 (tsd. *primitivus*) (free living); 1906, v. 41, 156.—Cobb, 1893a, 824 (47).—Hoimæn., 1913, 604.—Maupas, 1900, AZe, in 463–624, 11 pls.—Menz., 1914, AN, 42.—Stiles & Hass., 1905b, 84 (type *primitivus*).
- dolichurus* (Man, 1876) Man, 1880a, 3 (free; Holland).—Hoimæn., 1913, 605–606.—Hoimæn. & Menz., 1915, 119.—Micol., 1914, ZJ, 395–396.—Stiles & Hass., 1905b, 84.
- elongatus* Man, 1906, v. 41, 157–158, figs. 1–3 (in terre sablonneuse; Walcheren Isl.).
- filiformis* Daday, 1894, Mte, v. 12, 128; 1897, v. 2 (1), 83–84, figs. 50–51 (aquatic and in sand; Balaton).
- minor* Cobb, 1893a, 824 (47) (in soil; N. S. W.).
- primitivus* Man, 1880a, 2–3 (free; Holland); 1907, v. 7, 10.—Brakenhoff, 1914, v. 22, 272.—Hoimæn., 1913, 604–605.—Hoimæn. & Menz., 1915, 118–119.—Menz., 1914, AN, 34, 35, 43, 82.—Micol., 1914, ZJ, 394–395; 1915, ZJ, 250–251.—Schneid., G., 1906, 680.
- simplex* Cobb, 1914, TAMS, 72, 85–87 (38, 51–53, 90), pl. 4 fig. 9 (Big Lake, Fla.).
- thamugadi* Maupas, 1900a, 575–578, pl. 25 figs. 8–9, pl. 26 figs. 1–3 (in terre sablonneuse; Prov. Constantine).—Krüger, 1913, ZwZ, 118.
- ALLANTINEMA Leuck., 1884a, 320 (misprint for Allantonema).—Stiles & Hass., 1905b, 84.
- ALLANTONEMA Leuck., 1884a, 320 (mt. *mirabile*) (*Allantinema*, 320, misprint).—Braun, 1895, 212; 1903a, 253.—A., D., & E., 1901a, 8.—Hempelm., 1912a, 102, 111.—Linst., 1890e, in 489–493, figs. a–b; 1892g, 511; 1893e.—Looss, 1892a, 40.—Rail., 1893a, 556; 1916, RMv, 517.—Schneidem., 1896a, 304.—Shipley, 1896a (1901b), 131, 150, 151, 161.—Stiles & Hass., 1905b, 84.
- diplogaster* Linst., 1890e, 490, figs. a–f (in *Tomicus typhographus*; Austria); 1893e, 170 (in *Bostrychus typographus*).—Fuchs, 1915, ZJ, 117, 130, 152.—Moniez, 1891l, 3.—Shipley, 1896, 152.
- mirabile* Leuck., 1884a, 320 (in *Hylobius pini*; 1886d, 98; 1887b, 567 613, pl. 1 figs. 1–14; 1887l, 350.—Ebert, 1894a, 18–21 (in H. p.).—Fuchs, 1914, ZA, 202; 1915, ZJ, 123, 177, 183–190, 207 (in H. abietis).—Hempelm., 1912a, 101, 108, 111.—Mordw., 1908, v. 13 (1–2), 146.—Seur., 1916, 363 (in H. pini).—Shipley, 1896, 152, fig. 74.—Stiles & Hass., 1905b, 84.

ALLANTONEMA—Continued.

rigida (Sieb., 1836) Moniez, 1891i, 60–62 (in coprophagous coleoptera); 1891k, 282–284; 1891l, 1–3 (in Aphodius); 1892e, 385; (1893), 470–473.

sylvaticum Linst., 1893e, 169–173, figs. 1–6 (in Geotrupes sylvaticus: Harl and Gøett.); 1893h, 741.—Seur., 1916, 363 (in G. stercorosus).—Shipley, 1896, 152.

ALLODAPA Dies., 1861a, 614, 644 (mt. typica = allodapa) [not Allodapa Brunn. 1878, orthopt.; not Allodape Lep. Serv., 1825, hymenopt.; not Allodapus Fieb., 1861, hymenopt.].—Hall, 1916a, 52, 60, 62 (type allodapa).—Olss., 1869b, 487.—Scudd., 1884, 11.—Seur., 1914, BSHnA, 195–196 (type allodapa); 1915, CrSB, 122–126, 4 figs.; 1917, CrSB, 353, 354.—Stiles & Hass., 1905b, 84.

allodapa (Crep., 1853) Seur., 1914, 196, 197 (in Carima huppé, Brazil: perdrix rouge, Bou-Saâda); 1914, 225 (in perdrix).—Hall, 1916a, 60.

crassispiculum (Sons., 1889) Seur., 1915, CrSB, 126 (in Vulpes vulpes atlanticus).—Hall, 1916a, 52, 60.

elongata Seur., 1914, BSHnA, 224–225, figs. 1–3 (in Dipodilla campestris: Bou-Saâda); 1914, CrSB, 521 (in D. c.).—Hall, 1916a, 60–62, figs. 70–72 (in D. c.; Algeria).

leprincei (Gendre, 1909) Seur., 1914, 197–198, figs. 4–5 (in Caprimulgus ægyptius saharæ; Dahomey).

noctux Seur., 1914, BSHnA, 222–224, 225, fig. 4 (in Carine noctua glaux; Bou-Saâda).

numidica Seur., 1915, CrSB, v. 78(6), 122–126, figs. 1–4 (in Vulpes vulpes atlantica: Blida).

suctoria (Mol., 1860) Seur., 1914, BSHnA, 225 (in poule); 1914, 196–197 (in poule; Algeria).

typica Dies., 1861a, 644 (s. Oxyuris allodapa) (in Dicholophus marcgravi: Brazil).—Stiles & Hass., 1905b, 84.

ALLOEONEMA Leuck., 1863a, 4 (for Alloionema, 1859).

ALLOIONEMA Schneid., 1859a, 176–177 (mt. appendiculatum).—Dies., 1861, 271.—Stiles & Hass., 1905b, 84.

appendiculatum Schneid., 1859a, 176–177; 1866a, 159 (to Leptodera) (free).—Dies., 1861c, 272 (larva in Limax (Arion) ater; adult free: Berl.).—Leuck., 1863a, 4 (Alloeonema); 1879a, 125; 1886d, 95.—Stiles & Hass., 1905b, 84.

AMBLYONEMA Linst., 1898a, 470–471 (114–115) (mt. terdentatum).—Rail. & Henry, 1916, CrSB, 115; 1916, CrSB, 250.—Stiles & Hass., 1905b, 84.

terdentatum Linst., 1898a, 470–471 (114–115), pl. 35 figs. 12–14 (in Ceratodus forsteri: Australia); 1898b, 672.—Rail. & Henry, 1916, 115.—Stiles & Hass., 1905b, 84.

AMBLYURA Hempr. & Ehrenb., 1828a (unpaged) (type probably serpentulus).—Carus, 1863, 459.—Duj., 1845a, 237.—Eberth, 1863a, 15–18.—Mol., 1857a, 151.—Nordm., 1840, 663.—Schneid., 1866a, 50, 51.—Scudd., 1884a, 10.—Stiles & Hass., 1905b, 84 (type probably serpentulus).

gordius (Muell., 1786) Hempr. & Ehrenb., 1828a (unpaged).—Bast., 1865c, 171–172 (s.? Enoplus elongatus).—Nordm., 1840, 663.—Stiles & Hass., 1905b, 84.

mucronata Dies., 1861a, 624 (Charkovia; Czernay, 1853, 205).—Bast., 1865c, 172 (Ch.).

serpentulus (Muell., 1773) Hempr. & Ehrenb., 1828a, v. 1 (unpaged) (Phyt. ent., pl. 2 fig. 14).—Bast., 1865c, 171 (s. Anguillula longicauda).—Carus, 1863, 459.—Nordm., 1840, 663.—Stiles & Hass., 1905b, 84.

AMIDOSTOMUM Rail. & Henry, 1909b, 171 (tod. anseris) [Str. nodularis]; 1909, CrSB, 85–88; 1912, 565.—Gedølst, 1911a, 129.—Nev.-Lem., 1912a, 649.—Skrj., 1915, v. 27, 693–700; 1916, 472.

anseris (Zed., 1800) Rail. & Henry, 1909b, 171 (s. Str. nodularis).—Gedølst, 1911a, 129, fig. 175 (in Anser dom.).—Hut. & Mar., 1913b, 480, 516.—Nev.-Lem., 1912a, 752.—Skrj., 1915, 694–696, 697, 698, figs. 1–2; 1916, 473–474, 477 (in A. d.; Aoulié-ata).

henryi Skrj., 1915, 698–699, figs. 6–8 (in Vanellus cristatus: Turkestan); 1916, 461, 475–476, 477, figs. 7–9 (sous la couche cuticulaire du gésier de V. c.; T. russe).
monodon (Linst., 1882) Skrj., 1915, 696–697, fig. 3 (in Oidemia nigra: 1916, 477 (in O. n.; Europe).

raillieti Skrj., 1915, 697–698, figs. 4–5 (in Fulica atra: Turkestan); 1916, 461, 474–475, 476, 477, figs. 5–6 (in cecum of F. a.; Russian T.).

AMIRA Lane, 1914, IJMR, 394 (tod. omra) (Strongylidæ).

omra Lane, 1914, 394-396, pl. 59 figs. 59-67 (in *Elephas indicus*; Murshidabad and Travancore, India); 1915, 107 (so. *pileata* R., H., & B.); 1917, IJMR, 432.

pileata (R., H., & B., 1914) Lane, 1915, IJMR, 107 (s. *omra*).

AMORPHOCOELA Burm., 1856a, 279-280 (contains Gordiaceen).

AMPHIBIOPHILUS Skrz., 1916, 38-39, 117-118 (tod. *acanthocirratu*s) (Strongylidæ).

*acanthocirratu*s Skrz., 1916, 39-41, 112, 118-119, pl. 2 figs. 1-5 (in Ranidæ; Brit. E. Africa).

AMPHISTENUS Mar., 1870a, 14-16 (type ? *agilis*, page precedence).—Stiles & Hass., 1905b, 85.—Villot, 1875, 456.

agilis Mar., 1870a, 14-15, pl. B figs. 1-1g (marine; Pharo).—Stiles & Hass., 1905b, 85.

pauli Mar., 1870a, 15-16, pl. B figs. 2-2b (marine; Pharo).—Stiles & Hass., 1905b, 85.

Anaemia in dogs.—Lafon & Martin, 1908, 69-79.

AMULARIA Brera, 1810a, 225 (for Hamularia).

linfatica Brera, 1810a, 225-231; 1810b, pl. 4 figs. 1-3 (for Hamularia lymphatica) (in Homo).—Brems., 1819a, 221 (so. *H. subcompressa*).

ANANCONUS Rail. & Henry, 1916, CrSB, 115 (tod. *commutatu*s); 1916, CrSB, 249, 250.

*commutatu*s (Dies., 1851) Rail. & Henry, 1916, 115.

ANATONCHUS Cobb, 1916, JP, 196 (subg. of *Mononchus*) (tod. *tridentatu*s); 1917n, 439, 455.

dolichurus (Ditlevsen, 1912) Cobb, 1916, 196; 1917n, 438, 455, 475, fig. 57 to M. (A.) (in moist soil and meadow land; Jutland, Switz.).

*gracilicaudatu*s Cobb, 1917n, 438, 455, 474, 475, fig. 56 to M. (A.) (in marshy ground; Arlington Farms, Va.).

*tridentatu*s (Man, 1876) Cobb, 1916, 196; 1917n, 455 to M. (A.).

ANCANTHOCEPHALUS Zed., 1803a, 163 (misprint for *Acanthocephalus* Kœlreuter).

ANCHILOCEFALI Crivelli, 1845a, 6 (for *Anchilocephali*).

ANCHILOCEPHALI Brera, 1810a, 225 (genus, s. *Amularia*) (contains *Amularia linfatica*).—Crivelli, 1845a, 6.

ANCHILOSTOMA Sons., 1874a, 83 (for *Agchylostoma*, type *duodenale*).—Grassi, Par. & Par., 1878a, 193.—See *Ancylostoma*.

duodenale (Dubini, 1843) Sons., 1874a, 83.—Grassi, Par. & Par., 1878a 193-196.

duonenale Wucherer, 1868, 227, 229 (misprint for *duodenale*).

trigonocephalo Cuille, 1908, v. 31 (46), 747-748 (for *trigonocephalum*) (in dogs).

Anchilostomia Pennato, 1883a, 302-303 [not clear whether this is for *Anchilostoma* or *anchilostomiasis*].

Anchilostomiasis (Italian, name of the disease caused by *Ancylostoma*, see *Uncinariasis*).—Fiorentini, 1908, v. 2, 68-77 (in Messina).—Sons., 1891, v. 4 (43), 193-200.

ANCHYLOSTAMUM Mœhlau, 1897a, 573 (misprint for *Anchylostomum*).—See *Ancylostoma*.

duodenale (Dubini, 1843) Mœhlau, 1897a, 573-579 (misprint).

ANCHYLOSTOMA "Chiaje, 1846a, 339."—Pruner, 1847a, 244.—Dubini, 1850a, 102-112 (for *Agchylostoma*, type *duodenale*).—See *Ancylostoma*.

americanum (Stiles, 1902) Siccaldi, 1905c, 1122.

caninum (Erc., 1859) Loeb & Smith, 1904a, 173-178.

duodenale (Dubini, 1843) "Chiaje, 1846a, 339."—Pruner, 1847a, 244.—Dubini, 1850a, 103-112; 1850b, 26.

duodenalis (Dubini, 1843) Züern, 1882, 262.

duodenale Robledo, 1909, BSPE, 603 (misprint for *duodenale*).

ANCHYLOSTOMATA da Rocha, 1868a, 179.—See *Ancylostoma*.

duodenalia (Dubini, 1843) da Rocha, 1868a, 179.

Ancylostome.—French vernacular for *Ancylostoma*.

duodenale.—French vernacular for *Ancylostoma duodenale*.

Ancylostomen.—German vernacular for *Ancylostoma*.

Ancylostomes.—French vernacular for *Ancylostoma*.

ANCHYLOSTOMIA Henderson, 1903a, 126 (misprint) [not *Ancylostomia* Ragonot, 1893, insect].—See *Ancylostoma*.

Ancylostomiasis (see *Uncinariasis*).—Daniels, 1897, 68.

ANCHYLOSTOMINÆ Leiper, 1908 (3), 190 (subf., contains *Ancylost.*, *Necator*, *Unc.*).—Hall, 1916a, 119.

ANCHYLOSTOMOS Wucherer, 1868a, 150–151 (for *Ancylostoma*, q. v.).

duodenaes Wucherer, 1868a, 150–151, (for *Ancylostoma duodenale*).—Almeido Couto, 1872, these *Bahia*, 30.

ANCHYLOSTOMUM Dies., 1851a, 321–322, for *Ancylostoma*, q. v.

americanum (Stiles, 1902) Loeb & Smith, 1904a, 173(1).

bovis (Stroese, 1894) Schnyder, 1906a, 27, 28, 42, 51 (in *Bos taurus*); 1906b, 182, 197, 206.

caninum (Erc., 1859) Loeb & Smith, 1904a, 173(1).

criniforme (Gœze, 1782) Mûeh., 1898a, 22–23 (in *Meles taxus*); 1898b, 48 (in *Canis vulpes*).

duodenale (Dubini, 1843) Dies., 1851a, 322 (in *Homo*).

incertum Sons., 1896m, 440–441 (in *Equus cab.*; *Zagazig*).

radiatum (Rud., 1803 of Schneid., 1866) Hut. & Mar., 1910b, 504, 513.

stenocephalum (Rail., 1884) Mûeh., 1898b, 48 (in *Canis vulpes*).

trigonocephalum (Rud., 1808) Looss, 1897c, 916, 918, 919 (in dogs: see Schneid. and Leuck.).

tubæforme (Zed., 1800) Cohn, 1899a, 5, 6, 7, 8.

ANCKYLOSTOMUM Schifone, 1908a, 1329 (misprint for *Ankylostomum*).—See *Ancylostoma*.

americanum (Stiles, 1902) Schifone, 1908a, 1329.

ANCRYACANTHOPSIS Linst., 1889a, 52 (misprint for *Ancyracanthopsis*).

bilabiatius (Mol., 1860) Linst., 1889a, 52.

ANCRYACANTHUS Linst., 1889a, 90 (for *Ancyracanthus*).—Mûell., 1904a, 121.

ANCRYOCANTHUS Clerc, 1903, RsZ, 256 (for *Ancyracanthus*).

bidens (Rud., 1819) Clerc, 1903, 256.

ANCYLOSTOMA (Dubini, 1843a) Crep., 1845a, 325 (for *Agchylostoma*, type *duodenale*) [not *Ancylostomia* Ragonot, 1893, insect].

The International Commission on Zoological Nomenclature has adopted *Ancylostoma* as the correct form of this generic name, for which the following variants exist: *Agchylostoma*, *Ancylostoma*, *Anchylostoma*, *Anchylostomum*, *Ancylostomum*, *Ancylostomom*, *Anchylostomata*, *Anchylostomos*, *Anhylostoma*, *Anchilostoma*, *Anquilostoma*, *Anghylostoma*, *Ankylostoma*, *Ankylostomum*, *Anklystomum*, *Anchylostamum*, *Ankylostomum*, *Anchylostomia*, *Archilostoma*, *Ancylostorum*, *Ancklostomum*.

In the following list of species we have cited all the names that we have found combined with any of the foregoing variants. If the specific name is included in brackets [], the combination of this spelling or name is not known to us with the spelling *Ancylostoma*.

All literature references to any and all of the variants are given under *Ancylostoma*, and the original reference is repeated under the variant. See also *Uncinariasis*, especially for the medical literature.

ANCYLOSTOMA (cont.) (ASSAM) Ashe, 1892, SRPA, 107.—Costello, 1891, 18, 19, 21, 22, 23; 1892, 21; 1892, 106.—Dobs., 1892a, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 99; 1892b, 356, 357; 1893a, 1, 2, 3, 68, 69.—Forbes, 1892, SRPA, 94.—Gregg, 1892, SRPA, 107.—Hanc., 1892, SRPA, 105.—Winchester, 1892, SRPA, 105.

ANCYLOSTOMA—Continued.

- (AUSTRALIA) Cleland & Johnst., 1912, v. 2, 113.
 (AUSTRIA) Kobler, 1898, 313.
 (BALTIMORE, Md.) Simon, 1897, 208.
 (BELGIUM) Ben., 1884, v. 5, 609.
 (BERL.) Fränkel, 1885a, 443-445; 1885b, 249-251.—Hartmann, 1865a.
 (BRAZIL) Faria & Trav., 1914, v. 4 (1-2), 3-216.—Wucherer, 1866, 63; 1868a, 150-151; 1869, 171, 183, 184, 200.
 (BRENNBERG) Goldmann, 1904, 15; 1905, 45; 1905, 300-301; 1905, 345-346; 1906, 1090-1095.
 (BRIT. GUIANA) Daniels, 1910a, 128; Daniels & Stanton, 1907a, 350.
 (BRUXELLES) Gedølst, 1911a, 123.
 (BUDAPEST) Hut. & Mar., 1910b, 501.—Iberer, 1903a, 1128-1131, 1147-1151, 1178-1180.
 (CAEN, FRANCE) Vaull., 1901a, 132.
 (CAIRO, EGYPT) Looss, 1892a, 104; 1900c, 150, 151; 1901a (1902), 27, 66; 1902c, 422-426; 1905, 422-426; 1905b, 73 (33); 1905, 118; 1911a, 167, 168, 169, 196, 199, 200, 201, 207, 208, 212, 218, 221, 223, 227, 228, 238, 266, 272, 273, 290, 299, 313, 334, 365, 415, 452, 510, 512, 532, 533; 1912, JTMH, v. 15 (11), 170-174; (12), 182-185; (13), 197-201; 1914, BMJ, v. 1, 1327-1328.
 (CAMBRIDGE, ENG.) Shipley, 1901b, 143, 163; 1905h, 596-597.
 (CEYLON) Thornhill, 1895a, 339.
 (DEUTSCHLAND) Bruns, 1914, ZHI, v. 78, 385-416.—Bruns & Müell., 1905, Oct. 16, 776; 1905, Sept. 20, 795.—Edelmann, 1914a, 270.—Füelleborn, 1913, v. 1, 732-734; 1914, v. 18, 26-80 (182-236), figs. 1-14 pls. 1-7.—Füelleborn & Schill.-Torgau, 1912, v. 22(22), 1465-1466.—Goldb., 1855a, 113.—Gunther, 1858a, 199-200.—Neum. & Mayer, 1914a, 423, 424.—Rodenwaldt, 1909, AST, v. 13(3), 166 (see Asmy, 1909, 164-165).—Schnyder, 1906, 12.—Sommerfeld, 1902a, 38.—Zinn & Jacoby, 1898, 19.
 (DRESDEN) Kûech., 1855a, 297-298; 1857a, 364, 383, 384.
 (ERLANGEN) Pruner, 1847a, 244.
 (FRANCE) Brumpt, 1910a, P, 333, 364; 1913a, 428.—Calmette, 1906, v. 39, 160.—Calmette & Breton, 1905, July 25, 1-4; 1905, 472; 1905, 806-807; 1905, v. 27, 1141-1145; 1905, v. 54, 157-160; 1905, BAM, v. 53, 312-314; 1906, v. 17(7), 268.—Dav., 1873a, 547-593; 1877a, cxviii-cxix;—Gerv. & Beneden, 1859b, 108.—Guiart, 1911a, 227.—Még., 1881mm, 712-730; 1882c, 282-289, figs. 1-8.—Moniez, 1896a, 300.—Moq.-Tand., 1860a, 327; 1861a, 334, 353, 354.—Riembault, 1882, 652.—Vaillant, 1870c, 335.
 (GOTT.) Linst., 1885v, 238; 1896c, 17-18; 1906, v. 3, in 163-168; 1906, CfB, v. 43, 89-94, pl. 1.
 (GR. BRIT.) Boycott, 1904, v. 166, 1280; 1904, v. 4, 437-479; 1905, Nov. 11, 427-428; 1905, 280-284, fig. 1; 1905, 807-808; 1905, 864-865.—Boycott & Hal-dane, 1909, JH Camb., v. 9, 264-270.—Cast. & Chalm., 1910a, 4, 8, 345-346, 449 (ref.); 1913a, 9, 13.—Dunbar-Brunton, 1914, BMJ, v. 1, 965.—Eldred, 1914, JTMH, v. 17, 209-215.—Harper, 1914, L, v. 187, 740-741.—Jacob, 1891, BMJ, v. 2, 1287.—Leiper, 1908, MR, v. 74, 383.—Macallan, 1914, JTMH, v. 17, 249-250.—Rolleston, 1888a, 686.—Wyler, 1913, JTMH, v. 16(13), 193-195.
 (GREIFSW.) Crep., 1845a, 325.
 (INDIA)—Fearnside, 1904, IMG, v. 39, 129-131 (in prisoners).—Lane, 1916, IJMR, v. 4(1), 74-92, pls. 1-3 (and Ceylon); 1917, IJMR, 420, 422, 431, 432, 435, 436.
 (ITALY) Aless., 1909, AdP, 460, 476.—Aporti, 1897, v. 36(2), 208-218.—Bastianelli, 1893, v. 13, 239-242.—Battistini & Micheli, 1896, July 17.—Grassi, 1878b, 349-354; 1878c, 451-454; 1879a, 493; 1882d, 325; 1883a, 409; 1883b, 119-121.—Grassi, Par. & Par., 1878a, 193.—Razza, 1887.—de Renzi, 1882, 14-85.
 (KIEL) Heller, 1876a, 560; 1876b, 778, 779, 785, 786, 787, 788.—Schneidem., 1896a, 305.
 (KÖNIGSB. I. PR.) Braun, 1895b, 213, 217, 237; 1903a, 253; 1906a, 327; 1908a, 329; 1915a, 285, 352.—Braun & Lûche, 1910a, 119, 122.

ANCYLOSTOMA—Continued.

- (LAUSANNE) Galli-Val., 1903b, 138-151, figs. 1-2.
 (LEIPZIG) Leuck. 1867b, 134; 1868a, 411.
 (LILLE, FRANCE) Verdun, 1907a, 321, 357.
 (LOND.) Cobbold, 1876, 4, 15, 676; 1879b, 211.—Lancet, 1886, 1176.—Manson, 1901, 547.
 (MEMMINGEN) Huber, 1893a, 157-239; 1896a, 501, 502, 504.
 (MILAN) Dubini, 1842a, 5-13 (mt. duodenale); 1843b, 345-347; 1844, 187; 1850a, 102-112.—Bertarelli, 1917, GdOC, v, 38, 33.
 (MOBILE, ALA.) Henderson, 1903a, 126.
 (MODENA, ITALY) Generali, 1888a, 377-379.
 (NAP.) Chiaje, 1846a, 339.—Schifone, 1908a, 1328.
 (NETHERLANDS) Sl. & Sw., 1912a, 331, 336.
 (PADOVA) Lussana, 1889, 19; 1889, 1414.—Mol. 1861a, 486(62).
 (PARIS) R. Bl., 1887k, 17-19, figs. 1-4.—Goldschmidt, 1899a, 224-225, fig. 22; 1903a, 82.—Nev.-Lem., 1912a, 647.—Rail., 1893a, 464 (so. Unc.); 1899, 345; 1902b, 110.—Rail. & Henry, 1909b, 170; 1912, v. 14, 564 (g. of Strongyleæ, Strongylinæ).—R., H., & J., 1913, 265.—Ringensbach & Guyomarc'h, 1915, BSPE, 302.
 (PAVIA) Sangalli, 1866a, 100-106; 1878b, 364, 366; 1878c, 438-439.
 (PHILA.) Dungl., 1893a, 820.
 (PISA) Sons., 1895, v. 1, 4; 1900, 120.
 (PRAG) Klebs, 1887a, 471 (so. Str.).—Patzelt, 1904a, 329-332, figs. 1-5; 1904b, 1073; 1905a, 613; 1905b, 502-503; 1907a, 157.
 (RUSSIA) Kholodk., 1899a, 178.
 (SPAIN) La Clínica de Malaga, 1883, 309.
 (STOCKHOLM) Lindqvist, 1895b, 56-57.
 (SUMATRA) Vervoort, 1913, v. 53(3), 435-445; v. 3(6), 297.
 (TURIN) Bozzolo, 1912, v. 5, 353-360; 1913, v. 3, 113-117.—Perronc., 1880r, 824, 826, 828; 1883c, 121-123; 1914, v. 56, 218-219.—Perronc. & Boss, 1896, GRAM, v. 2, 93.
 (TRIESTE) Stoss., 1895a, 21-25 (3-7) (contains duod., perniciosum, tubæf., trigonoc. [of canines], boæ).
 (TUEBINGEN) Griesinger, 1854a, 554-557; 1855a, 284; 1866, AdH, v. 7, 381.
 (URBANA, ILL.) JP, 1915, v. 1(4), 207.
 (U. S. A.) Smith, 1903, 13 (so. Unc.).—Ward, 1895, 330; 1903l, 220, 221; 1916, 698-699.
 (WASH., D. C.) Claytor, 1901a, 1251.—Hall, 1916a, 119.—Rans., 1904d, 42, 51, 52, 57.—Stiles, 1902hh, 184, 186, 187, 189, 192, 218; 1903k(1), 3, 11, 13, 14, 15, 16, 21, 36; 1914, MM, v. 2, 271.—Stiles & Hass, 1899a, 164 (so. Unc.); 1905b, 83, 85.—Stitt, 1910a, 232.
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- (PISA) Sons., 1874a, 83; 1878e, 609-618; 1878, v. 18(6), 227-234; 1878, v. 41, 463; 1878, v. 7, 278-280; 1878, v. 18(16), 487-494; 1883b, 155; 1888d, 119, 120, 127-130; 1889, (7-12), 213; 1896a, 319, 329.
- (RIO DE JANEIRO) Fajardo, 1896a, 758.
- (RUSSIA) Chlapowski, 1909, 328.—Ebermann, 1884a, 271-275.
- (SAO PAULO, BRAZIL) Lutz, 1885c, 2295-2350.
- (SICILY) Caland., 1889a, 6, 8.
- (SPAIN) Clínica de Málaga, 1883, 300.
- (SPANISH HONDURAS) Barlow, 1915, 272.
- (STUTTGART) Rosenfeld, 1885a, 273-277.
- (SWITZ.) Bugnion, 1880, BSvSn, v. 17, xxxviii-xxxix; 1881a, 269-289, figs. 1-2, pl. 5 figs. 1-15; 1881b, 1-62, fig. 1, pl. 1 figs. 1-15; 1881c, 382.—Eichhorst, 1901a, 311-315, figs. 51-52.—Galli-Val., 1903l, 90.—Isenschmid, 1882, Dec. 12.—Long, 1881a, 437-440; 1881b, 625.—Müell., 1882a, 146; 1903a, 63; 1903b, 131; 1903c, 302.—Schönbaechler, 1881a, 89; 1881b, 409-411; 1881c, 154-155.—Schulthess, 1881a, 379; 1886a, 797-800, 812-816; 1896a, 147-148; 1896b, 615-616.—Sonderegger, 1880, CSA, v. 10, 646-648; 1880, BSM, 366.—Wyss, 1882a, 172.
- (TEXAS) Herff, 1894a, 415; 1894b, 615-616.
- (TURIN) Bozzolo, 1879b, 369-370.—Perronc., 1881, 3; 1882a, 338-359.
- (TRIESTE) Stoss., 1859a, 21-23; 1899, v. 19, 117.
- (TRINIDAD) Alston, 1893b, 807.
- (TÜBINGEN) Griesinger, 1854a, 555; 1866, AdH, v. 7, 381.
- (UPSALA) Jægers., 1909 (25), 27.
- (U. S. A.) —Capps, 1902a, 1042; 1903a, 28-33; 1903b, 68; 1903c, 68 69; 1903d, 57; 1903e, 32.—JAMA, 1901, 177; 1901, 1466-1467.—Martin & McKittrick, 1917, 382, 390 391, figs. 20, 38.—Petrunkevitch, 1916, 80, fig. 18.—Pratt, 1916a, 223, fig. 356.—Vedder, 1906a, 871, 872.—Ward, 1895a, 311, 330; 1903l, 221; 1916, 699-700, figs. 4105-4108.—Weinl., 1858a, 89.—White, 1866a, 9-10; 1866b, 427; 1876, v. 6, 9.
- (VENEZUELA) Rangel, 1904a, 31-61, pl. 1.
- (WASH., D. C.) Claytor, 1901a, 1251.—Rans., 1904d, 43, 45, 47, 63.—Stiles, 1901p, 531; 1902hh, 192, 201, 209, 217, 218; 1903k (1), 3, 7, 9, 13, 15, 17, 18, 19, 21, 22, 23, 24, 26, 27, 29, 31, 32, 33, 34, 50, 52, 56, 59, 60, 61, 63, 89, 99, 110, 111, 112, 114, 115, 116; 1907e, 583, 584; 1914a, 274.—Stiles & Garrison, 1906a, 11, 68, 69, 74, 77.—Stiles & Hass., 1899a, 164.—Stitt, 1910a, 232, 242; 1916a, 313, 325, 411.
- (WIEN) Dies., 1851a, 322; 1861a, 716 (so. Doch. anchylostoma).—Pintner, 1905c, 4-5.—Prowazek, 1914, 635.—Wedl, 1856a, 65.—Weichselbaum, 1898a, 276, 322.—Zappert, 1892a, 347-350; 1894a, 314.
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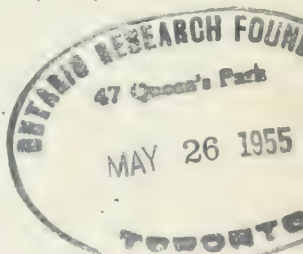
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- (INDIA) Giles, 1899c, 660; 1899d, 598-599; 1900b, 57; 1903b, 83.
- (ITALY) Aless., 1904, BSzi, v. 5 (4-6), 147-166, figs. 1-3; 1905, BSzi, v. 6, 173-176.—Par. & Grassi, 1878b (c), 53-58 (1-6), figs. 1-23; 1878d, 358-360.
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- , In tea gardens: (INDIA) Forbes, 1892, IMG, v. 27 (3), 93-94.—Giles, 1892g, 126-127.
- [*duodenale*] White, 1866b, 427 (misprint for *duodenale*, from Bahia).
- [*duodeno-jejunalis*] Leichtenstern, 1886c, 238 (27) (for *duodenale*) (*Ankylostoma*).—Looss, 1905a, 18 (so. *duodenale*) (*Ankylostomum*); 1905b, 43 (3).
- [*duodenale*] Wucherer, 1868, 227 (*Anchilost.*) (misprint for *duodenale*).
- [*hominis*] Leichtenstern, 1898d, 980 (*Ankylostoma*) (*duodenale* renamed).—Barford, 1903, v. 5, 713-716, 736-738, figs. 1-3.—Goldman, 1903, 69; 1904, v. 3 (10), 1-6; 1904, v. 55, 82-83.—Looss, 1905a, 18; 1905b, 43.
- [*incertum*] Sons., 1896m, 440-441 (*Anchylostomum*) (in *Equus* cab.; Zagazig).—Looss, 1911a, 325 (*Ankylostoma*) (probably from *Homo*, not from horse).—Rail., 1897a, 1135 (in *E. c.*); 1899g, 345.—Ratz, 1898a, 304 (so. *duodenale*) (probably not from horse).
- [*longemucronatum*] (Mol., 1861) Linst., 1897d, 184-187, figs. 1-4 (in *Sus scrofa* dom.); 1906, 390 (in *S. s. d.*).—Aless., 1909, AdP, 460.—Jägers., 1897a, 22 to (Doch.).—Stroese, 1898a, 83.—Stoss., 1899d, 118 (64) (to *Unc.*).
- malayanicum* F., S., & T., 1916a, 838 (lapsus for *malayanum*).
- malayanum* (Aless., 1905) Lane, 1916, IJMR, 74, 78, 79, 81-84, 85, 89, 91, pl. 1 fig. C1, pl. 2 figs. C2-C10, pl. 3 fig. C11-C13.—F., S., & T., 1916a, 456.—See also: Looss, 1911a, 211-212, figs. 113, 122 (*Agchylostoma*) (in *Helarctos malayanus*; by Aless.).—Rail. & Henry, 1909b, 170 (*Ankylostomum*).
- [*mephites*] Solanet, 1909, 92 (in *Mephites suffocans*; Buenos Aires) (*Agchylostoma*); 1911, 22.
- minimum* (Linst., 1906) Lane, 1916, IJMR, 77, 88, 89-90, 91 (in *Felis rubiginosa*; Kandy, Ceylon).—Linst., 1906, v. 3 (11), 170, pl. 1 figs. 11-12 (*Ankylostomum*) (in *F. r.*; *K. C.*).
- [*perniciosum*] Linst., 1885b, 238-239, pl. 13 fig. 10 (*Ankylostomum*) (s. *Str. tubæformis* of Linst., 1879, 180-181, figs. 27-28) (in *Felis tigris*; Zool. Gard., Hamburg); 1889a, 14 (in *F. t.*) (= *Str. t. pars*); 1896c, 17-18 (fatal); 1906, 390.—Rail., 1900d, 91.—Stoss., 1895a, 23 (5), (in *F. t.*; *H.*); 1899d, 119 (65) (to *Unc.*).
- pluridentatum* (Aless., 1905) F., S., & T., 1916a, 456 (in *Felis mitis*; Brazil).—See also: Lane, 1916, IJMR, 78, 88, 89, 91 (in *F. m.*).—Looss, 1911a, 212, figs. 112, 121 (*Agchylostoma*) (in *F. m.*; *B.*).—[Rail. & Henry, 1909b, 170 (*Ankylostomum*).]
- [*radiatum*] (Rud., 1803) R. Bl., 1888a, 770 (*Ankylostoma*) (in *Bos taurus*).—Fiebigler, 1912a, 290.—Hut. & Mar., 1910b, 504, 513; 1913b, 507, 514.—Linst., 1906, CfB, 91 (to *Bunost.*).—Rundsch. a. d. Geb. d. Fleischbesch. (24), 440.—Schmidt, 1906a, 647.
- [*species*] Bodkin & Cleave, 1916, BER, 182 (in dog; Brit. Guiana).

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[species] R. Bl., 1886i, 296 (3) (in *Lachesis muta*: Brazil, Wucherer, 1872a, 393, 394).

[species] Schnyder, 1906a, 12 (in *Bos taurus*: quotes Scheben, 1905) (*Ankylostomum*).

[*stenocphalum*] (Rail., 1884) R. Bl., 1888a, 770 (*Ankylostoma* in dog).—Fiebiger, 1912a, 289.—Hut. & Mar., 1913b, 504.—Linst., 1885b, 238, pl. 13 figs. 8-9 (in fox); 1889a, 15 (in *Canis fam.*); 1896a, 4-5.—Looss, 1911a, 195, 196, 198, 211, pl. 11 figs. 106b.—Mûche., 1898b, 48 (in *C. vulpes*).—Nev.-Lem., 1912a, 738.—Rail., 1900d, 93 (to Unc.).—Stoss., 1899d, 123 (69) (to Unc.).—Sl. & Sw., 1912a, 388, 402.—Ward, 1895a, 342 (to Unc.) (in *C. f.*).—Also reported for *Megalotis cerdo*.

[*strongyloids*] Braun & Lûche, 1910a, 121 (lapsus for *Ankylostomum*, *Strongyloides*).

[*trigonocephalo*] Cuille, 1908, v. 31 (46), 747-748.

trigonocephalum (Rud., 1808) Braun & Lûche, 1909a, 111, 113, 151 (quotes Leuck. in dog, fox).—See also: R. Bl., 1888a, 770 (quotes Mûgn.; in dog, cat; France).—Braun & Lûche, 1910a, 122, 124, 161 (in dog, foxes).—Cohn, 1899a, 8 (quotes Walter: in *Wildkatze*: also in dogs).—Fiebiger, 1912a, 288, figs. 205-207 (in cat, dog, fox, wolf).—Linst., 1885b, 238, figs. 8-9 (in *Canis vulpes*); 1889a, 14 (in *C. azaræ*), 15 (in *C. fam.*), 16 (in *Megalotis cerdo*); 1896a, 18 (in *C. lagopus*); 1896b, 18 (in *C. f.*); 1906, CIB, v. 43 (1), 93 (in dog, so. caninum) (in sheep, s. cernuum).—Looss, 1897c, 916 (quotes Schneid., 1866a, 128, 137, 138; in dog, fox; Europe), 918, 919; 1898b, 446 (quotes Leuck.), 448, 483, 485 (in fox); 1911a, 211 (of Linst. from *Vulpes azaræ*, probably Unc. n. sp.) (in *Cynailurus jubatus*, determination).—Mûche., 1898b, 48 (in *C. f.*).—Rail., 1900d, 91 (of Linst., 1885, 235 du renard, so. Unc. stenoc.).—Ratz, 1898d, 303 (Leuckart's experiments).—Sl. & Sw., 1912a, 386, 402 (in cat, dog).—Stoss., 1889f, 181 (4), pl. 5 fig. 12 (in *C. f.*; Medvedski brieg; 1890g (h), 129 (1) (in *C. vulpes*; Semlino); 1895a, 24-25 (6-7) (in *C. f.*, *C. lupus*, *C. v.*, *C. jubatus*, *C. azaræ*, *C. lagopus*, *M. c.*); 1898c, 87-88 (in volpe; Trieste) (to Unc.); 1899d, 122 (to Unc.).—Vaull., 1901a, 113 (in dog, cat).—Ward, 1895a, 342 (in *C.*; (to Unc.).

[*tuba formæ*] (Zed., 1806) Linst., 1885b, 237-238, pl. 13, figs. 5-7 (*Ankylostomum*) (in *Felis catus dom.*); 1889a, 13 (to Str.) (so. *Doch. balsami*).—R. Bl., 1888a, 770 (so. trigonoc.) (in cat).—Cohn, 1899a, 5, 6, 7, 8.—Nev.-Lem., 1912a, 736 (so. caninum).—Rail., 1900d, 91 (of cat, so. caninum).—Stoss., 1895a, 23-24 (5-6) (in *Felis catus*, *F. concolor*, *F. tigris*, *F. mellivora*, *F. viverrina*, *F. leo*, *F. onça*, *F. leopardus*, *F. panthera*); 1899d, 120 (to Unc.) (in *F. c.*) (Rovellasca, Offenbach), *F. concolor* (Brazil), *F. tigrina* (Brazil), *F. v.*, *F. l.*, *F. o.*, *F. l.*, *F. p.*).

ANCYLOSTOMEÆ F., S., & T., 1916a, 445 (for *Ankylostomeæ*).

ANCYLOSTOMIDÆ Lane, 1917, IJMR, 420, 422, 435, 437 (contains *Ancylostominae*, *Necatorinae*).

ANCYLOSTOMINÆ F., S., & T., 1916a, 438 (for *Ancylostominae* Rail., 1900).—Lane, 1917, IJMR, 420, 422, 436 (contains *Ancylost.*).

ANCYLOSTOMOM Mol., 1861a, 486 (62) (misprint for *Ancylostoma*).

duodenale (Dubini, 1843) Mol., 1861a, 486 (62).

ANCYLOSTOMUM Dies., 1851a, 82, for *Ancylostoma*, q. v.

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duodenate White, 1866b, 427 (misprint for *duodenale*; from Bahia).

ANCYLOSTORMUM Schifone, 1908a, 1328 (misprint for *Ancylostomum*).

duodenale (Dubini, 1843) Schifone, 1908a, 1328.

ANCYRACANTHIDÆ Rail., 1916, RMv, 521.

ANCYRACANTHOPSIS Dies., 1861a, 670-671 (mt. bilabiata).—Olss., 1869b, 487.—Rail., 1916, JP, 99.—Scudd., 1884a, 18.—Stiles & Hass., 1905b, 85.

bilabiata (Mol., 1860) Dies., 1861a, 671 (in *Eurypygæ indias*; Brazil).—Stiles & Hass., 1905b, 85.

ANCYRACANTHUS Dies., 1838a, 189 (mt. pectinatus; 1839a, 227-229. (mt. pinnatifidus).—Carrs, 1863, 462.—Clerc, 1903, 245 (Ancyracanthus).—Crep., 1841, 82.—Duj., 1845a, 228.—Goldb., 1855a, 110.—Kreff, 1871, 210.—Linst., 1898c, in 280-291; 1899b, in 28 pp.; 1909, 49, 66.—Mol., 1857a, 152.—Müell., 1904a, 121 (Acryacanthus).—Nordm., 1840, 550, 648.—Olss., 1869b, 487.—Poche, 1912, AN, 15.—Rail., 1916, JP, 99, 102 (of Schneid., 1866a, p. p. so. Schistorophus).—Rans., 1904a, 31.—Schneid., 1866a, 29, 103-104, 169, 232, 236, 238, 286.—Stiles & Hass., 1905b, 85.—Wallenstedt, 1847, 8.—Zool. Rec., 1898 v. 34, (for 1897), Verm., 42 (Ancyracanthus).

bidens (Rud., 1819) Schneid., 1866a, 104, 105 (in *Merops apiaster*; by Brems.).—Clerc, 1903, 245 (Ancyracanthus), 256.—Also reported for *Astur palumbarius*.

bihamatus Müell., 1897a, 7-9, pl. 1 fig. 5 (in *Sterna risoria*; lng.).

bilabiatus Mol., 1860e, 343(15) (s. *Spiropt. ardeæ-helias*) (in *Eurypyga helias*; Brazil).—Dies., 1861a, 671 (to Ancyracanthopsis).

cucullus Linst., 1899b, 19, pl. 5 figs. 50, 54 (in *Potamogale velox*; Kamerun).

cystidicola (Lam., 1801) Schneid., 1866a, 104, 105, 106 (in *Salmu fario*, *S. thymallus*; Germany).—Hofer, 1904a, 229, 239 (in *Coregonus oxyrhynchus*, *Thymallus vulg.*, *Trutta fario*).—Huynen, 1914, AMv, v. 63, 348, fig. 1.—Leidy, 1886e, 310 (in *S. f.*; Europe); 1904a, 190.—Linst., 1903, 269 (in *C. muskun*, *S. erythraeus*, *T. vulg.*); 1909a, 66, fig. 46 (in *C. o.*, *Squalius cephalus*, *Trutta trutta*, *T. fario*, *Th. v.*).—Müeh., 1898, 53.—Mulsow, 1911, ZA, v. 38(22-23), 484-486, figs. 1-6; 1912, AZ, v. 9 (1), 63-72, figs. 1-5, pls. 5-6 figs. 1-45.—Schneid., G., 1903, 32, 33.—Zsch., 1896, 773, 775, 776, 778, 784, 822 (in *Thymallus vexillifer*, *S. aphalus*).—Also reported for *Acipenser sturio*.

denudatus (Duj., 1845) Linst., 1889a, 90 (in *Scardinus erythrophthalmus*) (Ancyracanthus); 1902, 222 (s. *Disph. filif. Zsch.*) (in *Barbus fluv.*); 1909, 67 (in *Alburnus lucidus*, *Bliccopsis abramorutilus*, *Barb. f.*, *Gobio fluv.*, *Idus melanotus*, *Leuciscus rutilus*, *Pelecus cultratus*, *Phoxinus laevis*, *Sc. ery.*, *Squalius cephalus*, *S. leuciscus*).—Zsch., 1896, 773, 775, 784, 821 (in *S. c.*).

filiformis (Zsch., 1884) Zsch., 1896a, 784, 820 (in fish; Genfersee) (Ancyracanthus).

impar Schneid., 1866a, 106 (in *Osmerus eperlanus*; lng.).—Hofer, 1904a, 239 (in *O. e.*).—Jääskeläinen, 1913, 93.—Jægers., 1897, 21.—Linst., 1901, 275-276, fig. 1; 1906, v. 47, 112, fig. 5 (in *O. e.*; *Kurisches Haff.*); 1909, 67, fig. 47 (in *Coregonus albula*, *C. fera*, *C. lavaretus*, *Gasterosteus aculeatus*, *Osmerus eperlanus*, *Trutta fario*).—Schneid., G., 1903, 31-34.—Zsch. & Heitz, 1914, 226-229, 230 (in *Salvelinus malma*; Kamtschatka).

longicornis Hempr. & Ehrenb. in Schneid., 1866a, 104-105, fig., pl. 6 fig. 10 (in *Numenius arquatus*, *Tringa variabilis*, *Totanus glottis*; Tor, Egypt).—Rail., 1916, 102 (to *Schistorophus*).

ophthalmicus Linst., 1898c, 285-286, pl. 22 figs. 11-12 (in *Carpophaga brechleyi*; Ralun).—Rans., 1904a, 30 (to *Ceratospira*).

pectinatus Dies., 1838a, 189 (in *Podocnemys expansa*; Brazil) (renamed *pinnatifidus* 1839).—Stiles & Hass., 1905b, 85.

pinnatifidus Dies., 1839a, 227-229, pl. 14 figs. 21-27, pl. 18 figs. 1-20 (in *Podocnemys expansa*; Borba); 1851a, 208 (in *P. e.*, *P. tracaxa*; Brazil).—Crep., 1841, 82.—Duj., 1845a, 288.—Nordm., 1840, 550, 648 (in *P. e.*).—Schneid., 1866a, 103.

salmonicola Ishii, 1916, 125-136, figs. 1-8 (in a salmonoid fish; Japan).

serratus Wright, 1879b, 74, pl. 1 fig. 18 (in *Coregonus albus*; by Wright).—Stoss., 1896a, 64(58) (to *Asc.*).

species Schneid., 1913, 31 (in *Leuciscus leuciscus*).

ANCYRACANTUS Clerc, 1903, v. 11, 245 (misprint for Ancyracanthus).

Aneurysma (Aneurysm).

verminosum (verminous).—Folmer, 1914, 1-127, 1 pl., 15 charts (*A. v. equi*).—Jensen, 1913, 1-4.—Petit, 1907, BScMv, v. 61, 345-346 (horse).

— of horses, see *Str. armatus*, etc.—Adelmann, 1908, Awpt, 297-340, pl. 11 figs. 1-3.

ANGHYLOSTOMA La Clínica de Málaga, 1883, 309 (misprint for *Agchylostoma*).—Stiles & Hass., 1905b, 85.

duodenalis (Dubini, 1843) La Clínica de Málaga, 1883, 309.

- ANGIOSTOMA** and **ANGIOSTOMUM** Duj., 1845a, 3, 244, 292-293, 653 changed to *Angiostoma* (tsd. *limacis*=*tat. Leptodera angiostoma*) [not *Angystoma* Schum., 1817, mollusk, for *Angystoma* Klein, 1753, mollusk, changed to *Angiostoma* Ag., 1846; *Angystoma* Risso, 1826, super-generic].—Braun, 1895b, 212; 1903a, 253; 1908a, 284.—Carus, 1863, 460.—Hall, 1916a, 6; 1916b, 517, 520.—Linst., 1885a, 1-3, pl. 1-2 figs. 1-15; 1904, CfB, in 678-683; 1906, Jhg. 72, in 249-258, 3 pls.: 1909a, 71-76.—Looss, 1892a, 39.—Mol., 1857a, 151.—Oerley, 1885, Mtk, v. 21(1), 82.—Rail., 1893a, 556; 1899l, 1271; 1900a, 106.—Rans., 1911a, 104.—Roll st., 1888a, 680, 681, 683, 684, 686, 688.—Schneidem., 1896a, 304.—Schneid., 1866a, 110, 154.—Shipley, 1896 (1901b), 134.—Skrj., 1916, 87, 149, 150.—Stiles & Hass., 1905b, 85.—Stödter, 1901a, 55.—Stoss., 1893b, 1-7; 1893d, 91-96; 1893e, 1-6; 1898, 99.
- brachylaimus* Linst., 1903k, 117 (in *Bufo melanostictus*; Siam).—Shipley, 1903, 154.—Skrj., 1916, 90 (in B.m.).
- chamaeleonis* Skrj., 1916, 87-88, 91, 150-151 (in *Chamaeleontidae*; Brit. E. Africa).
- cylindricum* (Leidy, 1849) Dics., 1851a, 559 (in *Helix alternata*; Phila.).
- dujardini* Maupas in Seur., 1916, 341, 342 (entomelas of Duj. renamed).
- entomelas* Duj., 1845a, 262-263, pl. 4 fig. C (in *Anguis fragilis*; Rennes).—E. Bl., 1849a, 181-182.—Dics., 1851a, 138-139.—Leidy, 1851b, 206 (1904a, 48).—Linst., 1875a, 201; 1882a, 8; 1885a, 2-7, pl. 1 figs. 1-10.—Maupas in Seur., 1916, 341-342 (so. *macrost.*) (in Orvet).—Oerley, 1885, v. 21(1), 83.—Seur., 1916, 341.—Skrj., 1916, 91 (in A. J.).—Stoss., 1893, 3-4.
- fuscorrenosum* Rail., 1899l, 1271-1273 (in *Tropidonotus natrix*; [Europe]; 1900a, 106.—Linst., 1909, 76 (in T. n.).—Skrj., 1916, 91 (in T. n.).
- helicis* Conte & Bonnet, 1903a, 198-199 (in *Helix aspersa*; Lyon); 1903, 1-8, figs.; 1904, v. 50, 64-68, figs. 1-11 (in genital organs of *Helix aspersa*; France); 1905, 57.—Conte, 1903, figs. 1-8.
- limacis* Duj., 1845a, 263, pl. 6 fig. B (in *Limax rufa*; Rennes).—Carus, 1863, v. 2, 460 (in *Arion rufus*).—Conte & Bonnet, 1904, 67.—Mordw., 1908, 147, 173 to *Rhabditis* (*Angiost.*).—Rail., 1916, RMv, 517.—Schneid., 1856a, 192-197; 1858, 426, pl. 15 fig. 6; 1866a, 148, 149, 155, 157, 273 (so. *Leptodera angiost.*) [type by absolute tautonymy].—Seur., 1913, 79; 1914, 623, 624, 625; 1916, 342.—Stewart, 1914, 182.—Will, 1848a, 174-179.
- limacis* of Schneid., 1856a, 192-197; 1866a, 157, not of Duj.
- limaris* Schneid., 1866a, 155 (misprint for *limacis*).
- macrostoma* Linst., 1875a, 200-202, 207, pl. 4 fig. 28 (in *Anguis fragilis*; by Duj. and Linst.); 1879a, 182, fig. 29 (in A. f.; lng.) (*macrostomum*): 1885a, 7-9, pl. 1 fig. 11, pl. 2 figs. 12-15; 1892a, 327, 332, pl. 15 fig. 5; 1893, 332.—Maupas in Seur., 1916, 341, 342 (so. *entomelas*).—Oerley, 1885, Mtk, v. 21(1), 83.—Skrj., 1916, 91 (in A. f.).—Stewart, 1914, RIM, 182.—Stoss., 1893, 2-3.
- nigrorenosum* (Ganze, 1800) Linst., 1882a, 10; 1885a, 9-10; 1886a, 113-115; 1890d, 185-186, figs. 18-20; 1906, 256; 1909a, 76, fig. 70 (in *Bombinator igneus*, *Bufo vulg.*, *B. variabilis*, *Pelobates fuscus*, *Rana temp.*, *R. escul.*).—Askaniazy, 1900a, 570.—Andre, 1912, 480-481; 1913, 186, 194, 197 (in R. t.; Switz.).—Ditlevsen, 1912, 214.—F., S., & T., 1916a, 370, 372, 381, fig. 266.—Fiebiger, 1912a, 226.—Hempel., 1912a, 102, 107, 108, 110.—Kowal., 1894, 6.—Krüger, 1913, ZwZ, 88, 89, 90, 98, 101, 103, 107, 108, 109, 117, 119.—Lindner, 1890a, 26.—McDowell, 1906a, 309-312, pl. 1; 1908, PCPS, v. 14, 613.—Mordw., 1908, v. 13(1-2), 152, 174 to (*Rhabdonema*).—Müeh., 1898b, 53.—Porta, 1911, 377 (in R. e.; Parma).—Ritchie, 1915, GN, 37, 38 (in B. v., R. t.; Scotland).—Rollest., 1888a, 684 (in frogs).—Schlip, 1911, v. 19(1), 1-3 (Rh.); v. 7(1), 87-138, pls. 4-8, figs. 1-108; 1912, v. 19(1), 1-8.—Skrj., 1916, 87, 90.—Stoss., 1893d(e), 94-95(4-5) (in *Anguis fragilis*, *Bombinator igneus*, *Bufo vulg.*, *B. viridis*, *B. cinereus*, *Pelobates fuscus*, R. e., R. t.; Wien); 1898, 99; 1901, 90 (2) (in R. e.; Trieste).
- rotundatum* Linst., 1906, AN, 256 (in *Bufo viridis*; Korea).—Skrj., 1916, 91 (in B. v.).
- rubrorenosum* (Schneid., 1866) Linst., 1885a, 10-11; 1897c, 616-617, pl. 28 fig. 27; 1906, 256; 1909a, 76 (in *Bufo viridis*, *B. vulg.*, *Pelobates fuscus*).—Andre, 1912, 480-481; 1913, 186 (in *Rana temp.*; Switz.).—Askaniazy, 1900a, 570.—Müeh., 1898b, 53.—Skrj., 1916, 90 (in B. vir., B. vulg., P. f.).—Stoss., 1893, 5 (in B. cinereus; Berl.).—Also reported for *B. variabilis*.

ANGIOSTOMA and ANGIOSTOMUM—Continued.

sanguinolentum Linst., 1880a, 46-47, pl. 3, fig. 11 (in *Strix flammea*; by Linst.); 1885a, 11-12.—Skrj., 1916, 90 (in S. f.).—Stoss., 1893, 2 (in S. f.; Hameln).—Wolffh., 1900, 10, 17.—Also reported for *Otus vulg.*

serpenticola Linst., 1904u, 678 (in *Heterodon platyrhinus*; N. A.).—Shipley, 1905, PZSL, 251.—Skrj., 1916, 91 (in H. p.).

terricola (Duj., 1845) Dies., 1851a, 139.

ANGIOSTOMIDÆ R. Bl., 1895, 747.—Braun, 1895b, 212, 215; 1906a, 274-277 (contains *Allantonema*, *Angiost.*, *Rhabdonema*).—Blgr., 1914, v. 7(3), 248.—Cast. & Chalm., 1910a, 404; 1913a, 518.—Daniels, 1910a, 71, 72; 1914a, 74.—F., S., & T., 1916a, 374, 379.—Hall, 1916a, 6; 1916b, 517.—Kholodk., 1899a, 183.—Nev.-Lem., 1904a, 97; 1906a, 315; 1908a, 419; 1912a, 654, 834.—Rans., 1911a, 15, 23, 24, 104 (contains *Angiost.*, *Strongyloides*).—Roger, 1901, 95.—Schneidem., 1896a, 304.—Skrj., 1916, 87.—Sl. & Sw., 1912a, 312, 367, 401.—Stoss., 1898, 98.—Verdun, 1907, 321.—Ward, 1903, 208; 1916, 678.

ANGIOSTOMIDES Oerley.—A., D., & E., 1901b, 9 (contains *Angiost.*, *Allantonema*, *Strongyloides*).

ANGIOSTOMOIDEA Hall, 1916a, 5, 6 (superf., contains: *Angiostomidae*); 1916, RMv, 517.

ANGIOSTOMUM. See ANGIOSTOMA.

ANGUILLA Dav., 1862f, 17 (lapsus for *Anguillula*).

tritici (Steinbuch, 1790) Dav., 1862f, 17.

ANGUILLINA Hamm., 1838a, 352, 358 (mt. *monilis*) [not *Anguillina* Scudd., 1884, 19, for *Anguillina* Raf. 1815, 91, subf. of fishes].—Stiles & Hass., 1905b, 86.

monilis Hamm., 1838a, 358, pl. 4 fig. A (in *Aphodius conspurcatus*; by H.).—Crep., 1846, 157.—Sieb., 1839b, 157 (in A. c.).—Stiles & Hass., 1905b, 86.

ANGUILLOLA Grassi & Caland., 1884a, 492-494 (for *Anguillula*).—Stiles & Hass., 1905b, 86.

phalaridis (Steinbuch, 1799) Horn, 1888a, 139.

stercoracea D'Allocco, 1894, v. 16(14), 523, 536 (s. *Anguillola intestinale*) [see *stercorale*].

ANGUILLULA² of authors (miscellaneous, including citations in which author of genus is not stated, includes also *Strongyloides*, *Anguillula* Muell., *Anguillula* Ehrenb., etc., etc.).—Anacker, 1887c, 509; 1893b, 140.—Bang, 1889a, 345.—Ben., 1858a (1861a), 342.—Bertarelli, 1917, GdOC, v. 38, 33.—Blish, 1886, 729.—Braun, 1895b, 24, 212; 1903a, 253.—Calkins, 1901b, 7.—Cobbald, 1879b, 185.—Chatin, 1884b, 1-56, figs. 1-36; 1884, 150-151.—Crep., 1841a, 76, 83.—Le Dantec, 1909, v. 66, 237-238; 1909, 256-257.—Dav., 1856f, 266-269.—Froment., 1878a, 641-659 (viability).—Giard, 1887, 512.—Grassi, 1882d, 325; 1884a, 492-494.—Grassi & Caland., 1884a, 492-494 (*Anguillola*); 1885b, 150.—Grassi & Par., 1882d, 325.—Greeff, 1864c, 112-113.—Hatori, 1898b, 23-24.—Krefft, 1871a, 210.—Kuhn, 1889a, 239.—Larbaetrier, 1896, v. 2, 264-266 (*du blé*).—Lavergne, 1901a, 85-91, 3 figs. (S. America) (*Anguillula*).—Leuck., 1867b, 116, 121; 1868a, 492; 1886d, 161, 267 (*Rhabditis Anguillula*).—Licopoli, 1875a, 41-42 (*tuberculi radiculari*); 1875, 1-2.—Lindner, 1890a, 25.—Looss, 1892a, 40.—Loundsbury, 1909, AJCGH, v. 35, 104-105 (potato).—Pen-netier, 1886a, 284-286 (viability); 1887a, 365.—Rentsch, 1860, 14, 28.—Rollest., 1888a, 686.—Scheiber, 1880a, 164.—Schneidem., 1896a, 304.—Schneid., 1866a, 30, 51, 148 (s. *Pelodera*), 162-164 (as genus, based on *scandens*=*tritici*), 173, 193, 244, 249, 286, 292.—Schlueter, 1905a, 1-35 (in *Homoe*).—1905b, 1305-1308; 1906a, 498-499.—Sieb., 1853, 153 (quotes Owen).—Simon, 1897a, 208.—Sl. & Sw., 1912a, 366.—Stitt, 1916a, 314, 396.—Thomas, 1880a, 761-764 (on *Dryas octopetala*; Tirol).—Wallenstedt, 1847a, 8.—Zuern, 1882a, 113, 226.

— of horse: Jerke, 1902a, 113-127, figs. 1-9; 1903a, 130; 1903b, 390; 1903c, 538-539; 1903d, 729; 1903e, 453; 1903f, 453; 1904a, 519.

¹ States there are three species, but mentions only one.

² The generic name *Anguillula* is one of the most confused cases in nematode nomenclature, and, as generally used, it represents little more than a collective group for minute free living and parasitic species. It seems clear, however, from the standpoint of the rules on nomenclature that *Anguillula* Ehrenb., 1828 (type *thricitidis*) should be entirely suppressed because of *Anguillula* Muell., 1786 (type *anguillula glutinis*). As actually used, however, *Anguillula* is simply a collective genus, from which several genera have already been separated.

ANGUILLULA (author of genus not stated, but aceti is cited).—A., D., & E., 1901b, 8.—Braun, 1906a, 20.—F., S., & T., 1916a, 379.—Shipley, 1896a (1901b), 154.

ANGUILLULA Hempr. & Ehrenb., 1828a, (tsd. fluviatilis) [designation of tritici by Dav., and of aceti by Bast., and de Man invalid] (contains fluviatilis, inflexa, coluber, recticauda, dongolana).—Bast., 1865c, 110 (type aceti).—R. Bl., 1886a, 1178-1179.—Braun, 1908a, 284, 289.—Bütsch., 1873a, 68-69.—Carus, 1863, v. 2, 460 (s. Vibrio, Rhabditis) (subg. Aormus, Streptost., Thelast., Hystrignathus).—Cast. & Chalm., 1910a, 403; 1913a, 517.—Dav., 1857a, 216 (type tritici), 201-271, 1877a, xciii.—Dies., 1861a, 627.—Duj., 1845a, 243-244.—Jägers., 1909, 6, 26.—Man, 1910, ZJ, 359-394, 362, 363 (type aceti), figs. 1-36.—Menge, 1866, SnG Danzig, 6-7.—Müll., 1884a, 34-35.—Neum. & Mayer, 1914a, 78, 364.—Nev.-Lem., 1908a, 420; 1912a, 654.—Nordm., 1840a, 664.—Oerley, 1880a(b), 96-101, 176-177 (84-89, 164-165); 1885, v. 21-1), 72.—Perez, 1866a, 152, 153, 154.—Sieb., 1839b, 157.—Stiles & Hass., 1905b, 86 (tsd. fluvialis-fluviatilis).—Ward, 1903, 207; 1916, 677.

ANGUILLULA Müell., "1786a, 63" (tat. Vibrio anguillula Müell., 1773 [=Chaos redivivum Linn., 1767, renamed] (confined to glutinis by Müell., 1783, hence type is anguillula=glutinis).—[Roffredi, 1775a, 197-225, figs. 1-19 (Chaos filiforme redivivum, Vibrio anguillula, anguillule vulgaires; 1775, Obs., 3-19; 1776a, 369-385).—Stiles, 1905f, 293 (Chaos redivivum; 1914, MM, v. 2, 271.—Stiles & Hass., 1905b, 34, 86 (type anguillula=glutinis).

aceti (Müll., 1783) Müell., 1786a, 63-64 (s. Chaos redivivum).—Abbott & Richards, 1911, BB, v. 21(2), 122-126.—Bast., 1865c, 111-112, pl. 10 figs. 59a-c.—Braun, 1908a, 287; 1911, 287; 1915a, 298.—Brumpt, 1910a, 428.—Bütsch., 1873a, 13, 31, 68-69.—Cast. & Chalm., 1910a, 403, 446; 1913a, 517, 566.—Chapais, 1909, 18.—Czernay, 1849, BSIN, 232-256, figs. 1-18.—Dahl, 1907, v. 22 (n. F.), v. 6(13), 207.—Desmoul., 1888a, 398.—Dewitz, 1892b, 59, 139.—Dies., 1851a, 128-129; 1861a, 628 (in vini, aqua cum farina, aqua cocta, et in facibus cerevisiae; Phila.).—Duisburg, 1863, 32.—Ehrenb., 1838, 82.—F., S., & T., 1916a, 379.—Fiebeger, 1912a, 225.—Fritsch, 1898a, 110-112 (vitality); 1903a, 43.—Galeb, 1878b, 369.—Göze, 1774a, 1-53.—Hain, 1688b, 234.—Hallez, 1876a, 454-469, (development).—Hempr., 1912a, 108.—Henneberg (1899?), 1900, 1-102, figs. 1-10.—Hogg, 1863b, 213-219, pl. 10 figs. 1-7.—Kathariner, 1915, 584-585.—Koch, 1910, v. 14, 91, 92.—Lindner, 1889b, 633-638, 663-668, 694-698; 1890a, 25-29.—Man, 1910, 361, 376-382, pl. 15 figs. 18-21; 1912, v. 1, 448.—Menz., 1914, AN, 85, 86, 87.—Neum. & Mayer, 1914a, 364.—Nev.-Lem., 1908a, 505.—Oerley, 1880, 176.—Ostertag, 1899a, 486.—Pallecchi, 1893a, 332-343.—Poupin, 1898a, 67-69.—Pratt, 1916a, 217.—del Rio, 1898a, 62-69 (6, 67-69).—Rollet., 1888a, 684.—Sadebeck, 1887, 50.—Schneid., 1866a, 160.—Shipley, 1901b, 125, 154.—Simon, 1907a, 586; 1911a, 455.—Sl. & Sw., 1912a, 366.—Wüstenfeldt, 1915, v. 160, 423-428.—Zucconi, 1768, 129-134.

—, in Homo: Billings & Miller, 1902a, 903-904, pls. 1-4 (Chicago; 1902b, 752; 1902c, 999; 1902d, 833; 1902e, 1006; 1902f, 1593-1594).—R. Bl., 1916, BSPE, 533-536.—Boston, 1907, JAMA, v. 48(8), 693-694, figs. 1-5; 1907, DMW, v. 33(12), 479.—Looss, 1905c, 156.—Smith, 1908, 269.—Stiles, 1907e, 620, 624; 1914, MM, v. 2, 311, 315.—Stiles & Frankland, 1902a, 35-40, figs. 6-13; 1902b, 698; 1902c, 1147-1148; 1905a, 44-45.—Ward, 1903, 207, 209, fig. 3538; 1903, 703, 704, 706; 1916, 677-678, 680, fig. 4078.—Wüstenfeldt, 1915, AgP, v. 160, 423-428.

aceti dryophila (Leuck., 1887 [nv.], Man, 1910, ZJ, 361, 376-382, pl. 15 figs. 18-21; 1912, ZJ, 448.

agilis (Leidy, 1849) Dies., 1861a, 630 to Ang. (Streptost.)—Linst., 1878a, 312 (in Julus marginatus).

agrostidis (Bast., 1865) Warming, 1877, 95.

aquatica Oerley, 1880, 100 (misprint for aquatica).

appendiculata (Leidy, 1850) Dies., 1861a, 630-631 to (Thelast.) in Blatta orientalis; Wien, Phila.).

aquatica Bütsch., 1873a, 69-70, pl. 11 fig. 69 (in water; F. a. M.).—Jägers., 1909, 27, fig. 36.—Linst., 1878a, 338.

arenaria Neal, 1889, Bull. 20, Div. Ent., U.S.D.A., 1-27, pls. 1-21 (in rootknot of Achyranthus, var. sp., Amarantus spinosus, A. var. sp., Arachis hypogaea, Artemisia caudata, Begonia sp., Beta vulg. var., Boussingaultia basseloides, Brassica (Sinapis), Broussonettia papyrifera, Buddleia, Capsella bursa-

ANGUILLULA—Continued.

arenaria—continued.

- pastoris, Capsicum annuum, Carya olivæformis, Chenopodium botrys, all of genus Citrullus, Citrus aurantium, var. sp., C. vulg., Coleus, all of genus Cucurbita, all of genus Cucumis, Dahlia variabilis, Dolichos catiang, Eupatorium fœniculaceum, Ficus carica, Gordinia florida, Gossypium herbaceum et barbadense, Helianthus annuus, Hibiscus esculentus, H. syriacus et coccineus, Iberis umbellata, Jatropha manihot, Juglans cinerea, J. regia, Koniga maritima, Lagenaria vulg., Lycopersicum esculentum, Mesembryanthemum, Mikania scandens, Morus, Nolana sp., Petunia sp., Pharbitis purpurea et al. sp., Phaseolus lunatus et nanus, P. vulg., Pisum sativum, Portulaca oleracea, Prunus armeniaca, P. communis, P. dom., P. myrobalanus, P. nana et lanceolata, P. vulg., Quamoclit vulg., Raphanus sativus, Rubus villosus et trivialis, Salix, Sesuvium pentandrum, Solanum tuberosum et esculentum, Spinacia oleracea, Spirea sorbifolia, Verbesina siegesbeckia et sinuata, Vitis, Zea mais).—Ward, 1895a, 321 (so. Heterodera radicola).
- ascaris* Dies., 1851a, 557 (Ascaris Stein, 1847, 108 renamed) (in Byrrhus pilula, Lamia ædilis, Scarabæus stercorarius; Berl.).
- attenuata* (Leidy, 1849) Dies., 1861a, 630 to (Thelast).—Linst., 1878a, 312 (in Julus marginatus).
- bostrichi-typographi* Dies., 1851a, 135 (based on Dufour, 1826) (in Bostrichus (Tomicus) typographus; Ing.).—Linst., 1878a, 303 (in B. t.).
- bovis* Daniels, 1908, v. 3, 16 (in Indian Buffalo; Malaya).
- brachyura* (Hamm., 1847) Dies., 1851a, 133 (s. Oxyuris leuckarti Hamm.; O. brachyura Hamm.) (in Rhisotrogi (Melolonthæ) aprilini larva; R. solstitialis larva; Wien).—Linst., 1878a, 301-302 (in R. a.).
- brassicæ* Grube, 1849a, 365-367, pl. 7 figs. 18-20 (in faulem Kohl; Berl.).—Bast., 1865c, 114 (in Brassica depravata; Berl.).—Dies., 1851a, 557 (habitatulum primitivum ignotum; in Brassica depravata, Berl.).—Linst., 1878a, 338.—Oerley, 1880, 100.
- brevispina* [see brevispinus].—Galeb, 1878b, 349. —Moniez, 1891i, 62 (of Büetsch.).
- brevispinus* Claus, 1862 (possibly 1859), 354-358, 359, pl. 35 figs. 1-5 (in humus; by Claus).—Janet, 1894, 60.—Perez, 1866a, 220, 285.
- calosomatis* Dies., 1851a, 135 (in Calosoma sericeum; by Schiødte).—Linst., 1878a, 299 (in C. s.).—Mordw., 1908, v. 13 (1-2), 146.
- capillacea* Menge, 1866, SnG Danzig, 7-8, figs. 16-18 (in Bernstein).
- carabi* Dies., 1851a, 135 (in Carabus clathratus; by Schiødte).—Linst., 1878a, 300 (in C. c.).
- coluber* (Muell., 1786) Hempr. & Ehren., 1828, v. 1.—Bast., 1865c, 113-114.—Dies., 1851a, 131 (Hab. primitivum ignotum; Dania and near Berl.).—Duj., 1845a, 245.—Nordm., 1840a, 664.—Oerley, 1880, 100.
- cuspidata* (Rud., 1814) Dies., 1851a, 132-133 (s. Oxyuris nasicornis) (in Oryctis (Scarabæi) nasicornis larva; Berl.).
- depressa* (Hamm., 1838) Dies., 1851a, 133 (s. Oxyuris dilatata) (in Cetonia marmorata larva; Wien); 1861a, 632 to (Thelast.) (in C. m.; Wien).—Leidy, 1853b, 48 (to Thelast.).—Linst., 1878a, 302 (in Cetonia marmorata).
- devastatrix* Kühn, 1869, [Inv.].—Warming, 1877, 96.—Bos, 1886, 105; 1888, 164; 1889, 262.—Oerley, 1880a(b), 103(91) (so. Tylenchus dipsaci) (devastatrix, misprint).
- dilatata* (Hamm., 1847) Mordw., 1908, AMZ Petrograd, v. 13 (1-2), 146.
- diplogaster* (Linst., 1890e) Shipley, 1896a (1901b), 155.
- dipsaci* Kühn, 1857, 50-53 (in Dispacus fullonum; Poppelsdorf; 1857, 129-137, pl. 7C).—Bast., 1865c, 128 (to Tylenchus).—Bos, 1886, 105; 1888, 163, 164; 1889, 262.—Oerley, 1880, 106 (so. Ty. devastatrix).—Warming, 1877, 95.
- dongolana* Hempr. & Ehrenb., 1828a, Phytozoa, pl. 1 fig. 13 [Inv.].—Bast., 1865c, 114 (Nili Dongolæ).—Dies., 1851a, 131-132 (hab. primitivum ignotum; inter confervas in aqua Nili Dongolæ).—Duj., 1845a, 244.—Nordm., 1840, 664.—Oerley, 1880, 100.
- ecaudis* Ehrenb., 1854, Microgeologie, pl. 35B, A, 3, fig. R; 1855, Apr., 226 (in moss-dirt; from Monte Rosa, Alpes).—Bast., 1865c, 115 (in terra muscorum Montis Rosæ).—Dies., 1861a, 629.—Linst., 1878a, 339.—Oerley, 1880, 101.

ANGUILLULA—Continued.

- feculorum* Dies., 1851a, 136, 556 (for feculorum habitaculum primitivum ignotum: in Solani tuberibus depravatis).—Bast., 1865c, 114 (in solani tuberibus depravatis).—Oerley, 1880, 101.
- fluvialis* (Müell., 1783) Nordm., 1840, 664 (s. *Vibrio anguillula fluvialis*).
- fluvialis* Müell., 1786a, 65-66, pl. 9 figs. 5-8 (in sedimento vegetabili; Europe).—Aitken, 1866, 845; 1872, 151.—Bast., 1865c, 113.—Dies., 1851a, 130 (Arabia); 1861a, 628.—Duisburg, 1863, 32.—Duj., 1845a, 244.—Ehrenb., 1830a (1831a), 10, 15, 68, 76, 87, 89, 105 (48, 56 67, 69, 85), pl. 7 fig. 5; 1838, 82 (for *Vibrio anguillula*), 83 (includes *Vibrio lacustris*).—Hempr. & Ehrenb., 1828, v. 1 Phytozoa, pl. 2 figs. 8, 13.—Menz., 1914, AN, 85.—Nordm., 1832a, 22; 1840a, 664.—Oerley, 1880, 100.
- fossularis* Leidy, 1851b, 229 (in stagnant ponds and rain puddles; Phila.: 1856b, 49; 1904a, 55, 92 (in ponds: near P.).—Bast., 1865c, 114-115 (aquatic; P.).—Dies., 1861a, 629 (in fossis: P.).—Oerley, 1880a, 101.
- glutinis* (Müell., 1783) Müell., 1786a, 64-65, pl. 9 figs. 1-4 (s. *Chaos redivivum*) (in glutine farinoso).—Bast., 1865c, 112 (Phila.).—Dies., 1851a, 129, 130 (habitaculum primitivum ignotum) (in g. f.; Europe); 1861a, 628 (P.).—Duisburg, 1863, 32.—Ehrenb., 1838, 83 (s. ? *Vibrio ministerialis*).—Oerley, 1880a, 176.—Phin, 1911, N, v. 86, 312.—Schneid., 1866a, 160.
- glutinosa* Chapais, 1909, Nat. Canad., 18 (sour paste eel).
- gracilis* (Hamm., 1838) Dies., 1851a, 133 (in *Melelonthæ fullonis* (?) larva; Wien); 1861a, 631.—Linst., 1878a, 301 (in *Polyphylla? fullo*).—Mordw., 1908, v. 13 (1-2), 146.
- graminearum* Dies., 1851a, 132 (s. *fluvialis* pars, *Vibrio graminis*, *V. anguillula*, *V. tritici*) (habitaculum primitivum ignotum) (in seminibus *Tritici* uredine depravatis; in sem. dep. *Agrostidis sylvaticæ*; Europe); 1861a, 628.—Huber, 1909, 1 (so. *Tylenchus scandens*).—Schneid., 1866a, 164.
- gryllotalpæ* (Duf., 1837) Dies., 1851a, 135 (Asc. sp. Gurlt) (in *Gryllotalpa* vulg.; Europe, by Duf. and Gurlt).
- heterodera* Chapais, 1909, Nat. Canad., v. 36 [2. s.], v. 16, 17-20 (dans les racines et les feuilles des *Amaryllis*, des *Geraniums*, des *Oeillets* et des *Violettes*).
- inflera* Hempr. & Ehrenb., 1828, v. 1, Phytozoa, pl. 1 fig. 12 (s. *Vibrio fluvialis niloticus*) (aquatic; Nile).—Bast., 1865c, 113.—Dies., 1851a, 131 (Europe, Asia).—Duj., 1845a, 244.—Ehrenb., 1830a (1832a), 81, 89 (61, 69) (*Petropawlovsk*).—Nordm., 1840, 664.—Oerley, 1880, 100.
- intestinalis* [see *intestinalis* 1877].—Grassi, 1879c, 228-233; 1883b, 119-121.—Daniels, 1914a, 75.—Grassi & Par., 1879c, 1.—Perronc., 1882a, 376, 382; 1883c, 121-123.—W., L., & R., 1908, CrSB, 396-398.
- intestinalis* Ehrenb., 1838a, 354 "Aelchen [von Gleichen, 1776]=*A. intestinalis*," refers to a parasite in *Lumbricus*.
- intestinalis* Bavay, 1877a, 266-268 (in *Homo*: by Normand: —, v. 6, 16-20, pl. 1; v. 20, 350; 1877, v. 28, 64.—A., D., & E., 1901b, 8 (s. *stercoralis*).—Arloing, 1882, 34, 35, 36 (treatment).—Askanazy, 1900a, 569-578, 1 pl.; 1904, AN, v. 63, 19.—Barbag., 1897, GdO, Feb. 7 (case).—R. Bl., 1885, 70; 1900, 489, 490.—Braun, 1913, v. 6(4), 262-264.—Braun, 1899d, 612-615, 1 pl. (Ostpreussen); 1903a, 255; 1908a, 288; 1915a, 298.—Brumpt, 1910a, 430.—Bruns, 1907, MmW, v. 54, 932-936; 1908, v. 41, 664.—Calmette, 1893, 217.—Casagr. & Barbag., 1897, 108.—Cassinelli, 1904, v. 11, 1123, 1235-1239, figs. 1-3 (2 cases; S. America); 1904, v. 27 (12), 433-440, figs. 1-3.—Cast. & Chalm. 1910a, 404, 929; 1913a, 519, 1301.—D'Allocco, 1894, 523, 536.—Daniels, 1897, 69; 1910a, 72; 1914a, 75.—Daniels & Stanton, 1907a, 349.—Dav., 1877, 315.—Dollfus, 1912, BSZF, v. 37(2), 24-26.—Dungl. 1893, 962.—Eichorst, 1901a, 315, fig. 53.—Fayrer, 1879b, 222.—Fiebiger, 1912a, 226.—Golgi & Monti, 1884, 733; 1885, 55.—Grassi, 1878a, 471-474 (to *Rhabdonema*); 1879b, 274-279; 1879c, 493-494; 1879d, 1-8; 1879e, 228-233; 1879f, 495-497; 1883c, 260-262.—Grassi & Feletti, 1891g, 462.—Grassi & Par., 1879b, 855-858 (in *Homo*); 1879c, 1-14, pl. 5 figs. 1-15.—Grassi, Par., C., & Par., E., 1879a, 1-14, pl. 5 figs. 1-15; 1879b, 494-495.—Grassi & Segré, 1887, 413.—Guart, 1910a, 422.—Handb. d. Tropenkrankh., 2 Aufl., 727.—Hempelm., 1912a, 108.—Ijima, 1889, 372.—Jackson, 1888, 686, 688 (s. *R. strongyloides*, *A. stercoralis*).—Keating, —, v. 3, 773.—Kholodk., 1899a, 184.—Korczynski, 1915, MK, v. 11(29).—Kurloff, 1902a, 614-628, figs. 1-9 (bloody diarrhea); 1902b, 1017; 1903a, 683; 1903b, 357; 1905, 36.—Laveran, 1877c, 116.—Leichtenstern, 1885, 502, 526 (male fern not satisfactory); 1886, 173, 175; 1892, v. 4 (6), 167-169; 1898b, 118-121; 1899c,

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- 226-231; 1899f, 266-267; 1905a 309-350, figs. 1-4.—Leuck., 1879a, 161; 1883b, 85-107; 1886d, 46, 49, 98, 126, 141; 1892b, 799.—Lindner, 1890a, 26 (so. *R. strongyloides*).—Linst., 1905, 533 (to *Strongyloides*).—Looss, 1892a, 39, 40; 1898, 484; 1905c, 189, 190 (so. *St. stercoralis*).—Lutz, 1885a, 385-390.—Mans., 1903e, 661; 1904a, 661; 1907, 466 (to *St.*).—Maragliano, 1904a, 579 (Italy).—Marzocchi, 1907, *GrAM*, v. 70, 3-14; 1908, *CfB*, v. 41 (19-21), 662-664 (skin infection); 1908, *BIP*, 95; 1908, v. 70, 3-14; 1908, *JTVS*, v. 3, 418; 1909, 63, 72; 1909, 311-320.—Mathis, 1914, 205 (Tonkin).—Még., 1882, 175.—Milchner, 1907, *Pm*, v. 15(73) 581.—Milms, 1897, v. 255-256, 272.—Moniez, 1896a, 306, 308, 405, figs. 60-61 (to *St.*).—Mosler & Peiper, 1894, 252, 267-269, figs. 94-95.—Noc, 1915, 208.—Neum. & Mayer, 1914a, 78, 360.—Nev.-Lem., 1902a, 127; 1908a, 499.—Normand, 1878b, 214-224.—Pagliani & Bozzolo, 1880a, 345-346.—Pappenheim, 1899a, 608-612 [-615] (Ost-Preussen); 1900a, 101-102.—Par., 1894a, 531, 539.—Par. & Grassi, 1878e, (10), 1 pl.; 1878f, 1-7.—Perronc., 1880i, 321, 324-326; 1880l, 1373, 1374, 1375 (in *Homo*; *St.*-Gothard); 1883, 379-384; 1884b, 135; 1906f, 3-5; 1907b, 219; 1907d, 3-6.—Preti, 1910, *TM*, v. 24, 63-64; 1910, v. 47(12), 548 (glycerine).—Rail., 1893a, 557.—Rho, 1894a, 53, 129.—Riva, 1891a, 386-407; 1892a, 40-69.—Roux, 1877a, 19.—Scheiber, 1880, 173.—Schlüeter, 1905a, 1-35; 1905b, 1305-1308.—Silvestri, 1895, v. 16, 1509; 1896, v. 59, 52-55.—Simon, 1896a, 183, 195, fig. 59; 1897a, 209, 227-228; 1907a, 312; 1911a, 239.—Skshivan & Stefanski, 1908, 374.—Sl. & Sw., 1912a, 367.—Springfeld, 1910, *BkW*, v. 47(26), 1224-1226.—Stubbenlorff, 1893, 10.—Stursberg, 1905a, 28-29; 1905b, 1374; 1906a, 444; 1907a, 16.—Testi, 1904a, 85-89, 101-104, 117-121; 1904b, 670-671; 1904c, 770-771.—Trappe, 1907a, 84-85; 1907b, 713-716, figs. 1-5 (Schlesien); 1907c, 1001; 1907d, 568; 1907e, 914; 1907f, 161-162; 1908a, 662; 1908, 12; 1908, 713 (Schlesien).—Tyson, 1903a, 1198 (to *St.*).—Vogt, 1878, 12.—Ward, 1895a, 330 (in *H.*); 1903, 208, figs. 35, 39 (so. *St. s.*).—W., L., & R., 1908c, 752 (France); 1908, v. 65(31), 396-398.—Zinn, 1899a, 696-702, 1 pl. figs. 1-13; 1899b, 73.
- intestinalis* (of *Rana esculenta*; Italy) Alfieri, 1908, *GrAM*, v. 14, 265-267, 272-273; 1909, 321-323; 1909, 325-326; 1909, *CfB*, v. 44(5), 141; 1910, *CPA*, v. 21 (14), 164.
- intestinalis boris* de Gasperi, 1912, *Pathologica*, 248-253 (so. *Strongyloides longus bovis*) (in *Bos taurus*; Torino); 1912, *Natura*, v. 3, 111-120, figs.
- javanica* Lavergne, 1901a, 86.
- labiata* (Leidy, 1850) Dies., 1861a, 631 to (Thelast.) (in *Polydesmus virginienensis*; Phila.).—Linst., 1878a, 313 (in *P. v.*).
- laticollis* (Hamm., 1847) Dies., 1851a, 134 (in *Cetonia stictica* larva; Wien); 1861a, 632 (in *C. s.*).—Linst., 1878a, 302 (in *Oxythyrea stictica*).
- leptodora* Nielly, 1882a, 395-402 (in *Homo*; Brest, France), 581-584; [1882b, 337-345, 448, 2 figs.; 1882c, 450; 1882d, 406.—Linst., 1889a, 3 (in *H.*).—Moniez, 1896a, 301 (so. *Rhabditis niellyi*).—Rochard, 1882, 581-584.—Stiles, 1907b, 51 (so. *Fil. niellyi*).—Ward, 1903, 207 (so. *Leptodora niellyi*); 1895a, 330 (in *H.*).
- linca* (Oken, 1815a) Grube, 1849a, 367-368, pl. 7 figs. 15-17 (in *Bodensatz des Gewässer*).—Buetsch., 1873a, 19, 20.—Dies., 1851a, 557-558 (s. ? *Gordius lacteus* Müell., ? *G. lineae*) (in *fundo aquarium cum senuride variegata*).
- longa* Leidy, 1851b, 225 (on soft mud in stagnant ditches; near Phila.); 1856b, 49; 1904a, 54, 92.—Cobb, 1914, *TAMS*, 38 (is a *Trilobus*).—Dies., 1861a, 629 (*P.*).
- longicauda* Leidy, 1851b, 225 (in gutters and water spouts; Phila.); 1856b, 49 (so. *Amblyura serpentulus*); 1904a, 55, 92.—
- longicauda* Ehrenb., 1853, (*Monatschr. Berl. Akad.*) [nv.]; 1855, April, 226 (*longicaudis*) (in moss-dirt; from Monte Rosa, Albes).—Bast., 1865c, 115 (*Weiss-thorpass*).—Dies., 1861a, 629 (in *terra muscorum*).—Oerley, 1880a(b), 101 (89) (*longicauda*).
- lucani* (Frœl., 1802) Dies., 1851a, 135 (in *Lucanus capreolus*; [Europe] by Frœl.).
- ludwigii* Man, 1910, *ZJ*, 362, 369, 382-385, 390, 391, 392, pl. 15 figs. 22-28, pl. 16 figs. 29-36 (in *weisen Schleimfluss der Eichen*; by Man).
- lumbrici* (Gmel., 1790) Dies., 1851a, 134 (s. *Asc. minutissima microscopica*, Entozoon dubium *lumbrici-terrestris*, *Vibrio anguillula* ? *Anguillula fluxia-tilis*) (in *Enterion (Lumbricus) terrestris*; [Europe]).—Anacker, 1893i, 345.—Cobbold, 1879, 343.—Linst., 1878a, 317 (in *L. terrestris*).—Vide *Rhabditis pellico*.

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- macrura* Dies., 1851a, 134 (s. *Oxyuris diesingi*, O. *blattæ-orientalis*) (in *Blatta orientalis*; Wien: 1861a, 630 (in B. o., B. *ægyptiaca*; Wien. Phila.)—Galeb, 1878b, 288.—Leidy, 1856b, 50 (in part so. *Streptost. gracile* Leidy); 1904a, 94.—Perronc., 1890, 542-544.
- marina* (Muell., 1783) Muell., 1786a, 66-68, pl. 9 figs. 9-11 (marine; Ing.).
- melancholica* Leidy, 1877d, 197-198 (in sperm vesicles of earthworms; U. S. A.); 1904a, 143.
- minima* Chaussat, 1850a, 36 (in blood, *Rana escul.*; by Chaussat).—R. Bl., 1905a, 440 (type of *Lankesterella* Labbé, 1899) (in R. e.).—Braun, 1903a, 80.—Sambon, 1907, 311, 323 (to *Hæmogregarina*); 1908, 355, 375 (to H.).
- ministerialis* (Bory, 1824) Dies., 1851a, 136 (s. *Vibrio glutinis* Humb.) (in fungis deliquescentibus; by Humb. and Bory).—Bast., 1865c, 114.—Oerley, 1880, 100.
- monilis* (Hamm., 1838a) Dies., 1851a, 136 (in *Aphodius conspurcatus*; Wien).—Linst., 1878a, 301.—Mordw., 1908, v. 13(1-2), 146.
- mucronata* Grube, 1849a, 361-365, pl. 7 figs. 11-14 (in soil; by Grube).—Braun, 1895b, 214; 1903a, 254 (young form in earthworms, see *Rhabditis pelloi*); 1908a, 285; 1915a, 296.—Dies., 1851a, 557 (in terra humida cum *Lumbricis servata*).—F., S., & T., 1916a, 377.—Stiles, 1914a, 316.
- oculata* Oersted, 1844, 80.—Bast., 1865c, 152 (to *Enoplus*).—Dies., 1861a, 625 (to E.).
- oxophila* (Schneid., 1866) Oerley, 1880a (b), 99-100, 177 (87-88, 165), pl. 4 figs. 16-19.—Lindner, 1889b, 666, 696; 1890a, 26, 27-29 (*Essigwürmer*).
- oxyuris* Claus, 1862b, 355-359, figs. 7-10 (in humus; by Claus).—Perez, 1866a, 222.
- phalaridis* (Steinbuch, 1799) Warming, 1877, 95.
- pristina* Menge, 1866, SnG Danzig, 7, figs. 11-15 (in Bernstein).
- pyri* Cobbold, 1865n, 117 (in pear).—Bast., 1865c, 124 (n. sp.).
- radicicola* Greef, 1872, Ber. Marburg. Ges. Wiss., July, 172-174 (in roots of *Doraxia orientalis*, *Poa annua*, *Triticum repens*, *Sedum* sp., etc.).—Bellati & Saccardo, 1881a, 455-468, pl. 3 figs. 1-6; 1881b, 1-14, 1 pl.—Huber, 1909, 6, 7 (in various plants).—Laverigne, 1901a, 86.—Muell., 1884a, 2.—Ward, 1895a, 321, (to *Heterodera*).
- radicola* Muell., 1884a, 2 (for *radicicola*).
- rana-temporariæ* Perty, 1852b, 156 (in *Rana temp.*; Switz.).—Bast., 1865c, 115 (in R. t.; Bern.).—Dies., 1861a, 633 (in R. t.; B.).
- recticauda* Hempr. & Ehrenb., 1828a (unpaged) (Berl.).—Bast., 1865c, 114 (B.).—Dies., 1851a, 131 (in aqua; B.).—Duj., 1845a, 244.—Ehrenb., 1830a (1832a), 81, 88 (61, 68) (*Ilezkaja Saschtschita*).—Nordm., 1840a, 549, 664.—Oerley, 1880a, 100.
- rediviva* (Linn., 1767) Stiles & Hass., 1905b, 35.
- rigida* (Schneid., 1866) Buetsch., 1876a, 374-376, pl. 24 figs. 6a-b (s. *Cephalobus oxyuris*); 1876, 231-236, 237.—Galeb, 1878b, 355.—Linst., 1878a, 339 (s. C. o.).
- rigida* (Leidy, 1850e) Dies., 1861a, 632 (in *Passalus cornutus*; Phila.) to A. (*Hys-trignathus*).—Linst., 1878a, 302 (in P. c.).
- robusta* (Leidy, 1850) Dies., 1861a, 631 (A. (The last.) (in *Scarabæus relictus*; Phila.).—Linst., 1878a, 301 (in *Ligyris relictus*).
- saturniæ* Dies., 1851a, 136 (in larva of *Saturnia pyri*; Dugès, 1826).—Linst., 1878a, 307 (in S. p.; refers to Sieb., 1843, 82).
- scandens* Schneid., 1866a, 162, 163, 164-165, 196, 217, 296, 307, 314, pl. 13 fig. 11, pl. 26 fig. 9 (only species) (s. *tritici*, *graminearum*, *Rhabditis tritici*) (in *Triticum vulg.*; Europe).—Buetsch., 1873a, 5.—Huber, 1909, 1 (to *Tylenchus*).—Rollst., 1888a, 679 (so. *Ty. tritici*).—Ward, 1895a, 320 (so. *Anguillulina tritici*).
- secalis* Nitschke, 1868, VzbG Wien, v. 18 (2-4), 901 (in plants) (quotes Landw. Ztg. f. Westfalen v. Lippe, (22), 28 Mai. [nv.]).—Oerley, 1880a (b), 106 (94) (so *Tylenchus devastatrix*).—Warming, 1877-1879, 96.
- silusiæ* Man, 1913, CfB, v. 39 (1-3), 74 (in Bierfilzen; Schleusingen).

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- socialis* (Leidy, 1850) Leidy, 1856b, 49; 1904a, 92 (in *Acheta abbreviata*).—Dies., 1861a, 629 (in A. a.; Phila.).—Linst., 1878a, 293 (in A. a.).
- species Grassi & Segré, 1887a, 106 (in *Mus sylvestris*; Rovellasca; 106 (in *M. decumanus*; Catania).
- species Linst., 1889a, 23 (in *Equus cab.*; France from Hungary, cf. Bail. in Nielly, 1882a, 405).—Ward, 1895a, 339.
- species Nielly, 1882a, 395–405, 581–584 (in *Homo*; Brest).
- [*stercoracea*] d'Allocco, 1894, 523, 536 (*Anguillula*) (s. *intestinale*=*stercorale*).
- stercoralis* Bavay in Normand, 1876a, 316–317 (in *Homo*; Toulon from Cochinchina).—Bavay, 1876a, 694–696 (in *Homo*; by Normand) (*Anguillule stercorale*); 1876, GmB, v. 1 (12), 549–551; 1877a, 266, 267, 268 (in H.); 1876, 343–346.—d'Allocco, 1894, 536.—Anders, 1903a, 1258 (in H.).—A., D., & E., 1901b, 9 (s. *intestinalis*).—Arloing, 1882, 34, 35, 36 (treatment).—Arnaud, 1894, 495.—Askanazy, 1900a, 577, 578.—R. B., 1900, 489.—Barbag., 1897, v. 18, 165.—Bertrand, 1915, 246, 247.—Bertrand & Fontan, 1886, 211–229, 321–378, 406–426, figs. 1–5 pls. 3–5.—Besaiss, 1911, TR, 279–283, 2 figs.—Braun, 1903a, 255; 1908a, 288; 1915a, 298, 300.—Brumpt, 1910a, 430.—Calmette, 1893, 217.—Cast. & Chalm., 1913a, 519, 1301.—Chapais, 1909, 18.—Chastang, 1878a, 29–39 (treatment with chlorodyne).—Chauvin, 1878a, 154–155 (Antilles).—Cobbold, 1879, 236.—Dav., 1877, 909, 966–976, fig. 39.—Dungl., 1893, 962.—Eichorst, 1901a, 315.—Fajardo, 1896a, 758.—Fayrer, 1879b, 222.—Fiebiger, 1912a, 226.—Gasser, 1895a, 199.—Giles in Sandwith, 1901, 690.—Golgi & Monti, 1885, 55–59.—Guiart, 1910a, 422.—Hatori, 1898a, 19–32, 1 fig.; 1898b, 23–25.—Hut. & Mar., 1913b, v. 2, 516.—Ilberg, 1892a, 334; 1892b, 906–907.—Kholodk., 1899a, 184.—Laveran, 1877b, 42–43; 1877c, 116–117.—Leuck., 1879a, 63, 180; 1883b, 85–107 (life history); 1886d, 46 (to *Rhabditis*), 48, 98.—Liebermann, 1876a, 237–238.—Lindner, 1890a, 26 (so. *Rhabdonema strongyloides*).—Linst., 1885, 11–12.—Long, 1909, 200.—de Luz, 1880a; 1880b, 462–468 (Brazil).—Mans., 1903e, 660 (to *Strongylus*); 1904a, 416, 660, 661.—Mathis, 1914, 205 (Tonkin).—Mégn., 1882, 175; 1882mm, 712–719; 1882oo, 152–160; 1882pp., 503–510.—Milchner, 1907, BkW, v. 44, 1053–1054.—Moniez, 1896a, 308, fig. 60.—Mosler & Peiper, 1894, 252, 268.—Neum. & Mayer, 1914a, 78.—Nev.-Lem., 1902a, 127; 1908a, 499.—de Oliveira, 1904, 321, 332 (*esterocorae*), 333; 1905, 201.—Ozzard, 1902, 60.—Packard, 1896a, 512.—Pagliani & Bozzolo, 1880a, 345–346.—Perrin & Thiry, 1913, v. 45 (11), 423, 424.—Perronc., 1880i, 357–361; 1880l, 1373, 1374 (in H.; St.-Gothard); 1881f, 61; 1881v, 24–43, 3 figs.; 1881w, 499–519 (*Pseudo-rhabditis*), figs. 1–4, pl. 29 figs. 1–8; 1882c, 191–192; 1912, 51–71, figs. 1–4, pl. 29.—Radetski, 1886, v. 4, 190.—Rail, 1893a, 557 (so *Strongyloides intestinalis*).—Rindfleisch, 1884, 208.—Rochard, 1888, v. 19 (6), 527.—Rollst., 1888a, 686, 688.—Roux, 1877a, 1–42.—Scheiber, 1880, 172, 173.—Schlüeter, 1905a, 1–35.—Schneidem., 1896, 305 (*stercoralis*).—Seifert, 1883, v. 2, 337–341; 1883, SpmG, v. 1, 22–32, 33–34.—Silvestri, 1895, 33.—Simon, 1897, 228, fig. 60; 1907a, 312; 1911a, 239.—Sl. & Sw., 1912a, 367.—Stubbendorff, 1893, 10.—Teissier, 1895a, 171–172 (in blood); 1895b, 675–700, pl. 15; 1896a, 942–943; 1896b, 241–242; 1896c, 586–595; 1896, 358–363.—Tollens, 1909a, 104.—Vogt, 1878, 12.—Ward, 1895a, 323 (so. *St. intest.*); 1903, 208, fig. 3541.—Wehenkel, 1876, v. 25, 699.
- stercoralis* Schneidem., 1896a, 305 (for *stercoralis*).
- strongyloides* (Leuck., 1883) Caland., 1904, 63.
- succini* Duisburg, 1863, v. 3, 31–36, pl. 1 figs. A–B (in Bernstein).—Menge, 1866, 7.—Menz., 1914, AN, 85.
- terrestris* Büetsch., 1873a, 69, pl. 7 fig. 43 (Wurzeln eines Pilzes; by Büetsch.).—Linst., 1878a, 339 (Teratoc.).—Menz., 1914, AN, 56 (to Teratoc.).
- terricola* [?Duj., 1845] Lindner, 1889b, 636; 1890a, 27 (probably either for *Rhabditis terricola* Duj., 1845a, or for *Ang. terrestris* Büetsch., 1873a).
- tritici* (Steinbuch, 1790) Dav., 1857a, 201–271, 214, 216 (as type of *Anguillula* Ehrenb. & Dies.), pl. 1–3; 1857b, 1–80, 3 pls.; [1856d (e), 148–152 (1–5) (vitality); 1856f, 268–269; 1862f, 1–84, 3 pls.—Bos, 1888, 51; 1889, 273, 280.—Desmonceaux, 1868a, 17.—Dewitz, 1892b, 141.—Duisburg, 1863, 32.—Fossetti, 1877, 143–144.—Galeb, 1878b, 348.—Hempelman, 1912a, 108.—Huber, 1896, 583.—Larbaletrier, 1896, v. 2, 264–266.—Looss, 1892a, 103 (Tylenchus).—Menz., 1914, AN, 85.—Nev.-Lem., 1908a, 419; 1912a, 654.—Noel, 1901a, 165–166.—Par., 1894a, 515.—[Roffredi, 1776a, 369–385].—Schneid., 1866a, 162, 164.—Shipley, 1901b, 125.—Ward, 1895a, 320 (to *Anguillulina*).

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valderia Perronc., 1890, 541-542 (nelle mufte al disotto di 40° C.).

venusta (Leidy, 1856) Dies., 1861a, 632 to (Thelast.) (in *Testudo polyphemus*; Ga.).

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viripara (Probstmayr, 1865) Rail., 1893a, 549.—Hut. & Mar., 1913a, v. 2, 516.—Jerke, 1902a, 113-127, pl. 1 figs. 1-9; 1903a, 130; 1903b, 390; 1903c, 538-539; 1903d, 729; 1903e, 453; 1903f, 453; 1904a, 519.—Kowal., 1904, 22 (7) (in *Equus cab.*; Lwów).—Nev.-Lem., 1912a, 833.—Rans., 1907, 35 (to *Probstmayria*).—Vauil., 1901, 136.—Ward, 1895a, 339 (in E. c.).

ANGUILLULAE.—Bohne, 1907, 535. (Rep., 1841a, 76, 83 (pl. of *Anguillula*).—Dies., 1861, 271.—Parks, 1891, 683.—Perronc., 1880r, 824-828 [*Strongyloides stercoralis*].—Schneid., 1866a, 51, 53.—Züern, 1872, 77-81; 1882, 278.

stercorales (Bavay, 1876) Tollens, 1909a, 104.

ANGUILLULAS. See ANGUILLULA.

estercorales de Oliveira, 1904b, 332 (for *stercoralis*).

Anguillule (French vernacular for *Anguillula*).—Chatin, 1884b, 1-56, 1 l., 2 pls. figs. 1-36 (cf. *Tylenchus putrefaciens*).—Dav., 1865d, 88-89 (in vinegar).

stercorale [see *stercoralis*].—Teissier, 1895a, 171-172; 1895b, 675-700; 1896a, 942-943; 1896b, 241-242; 1896c, 586-595 (in frog); 1908c, 752.

Anguilluliasis (refers especially to infection with *Strongyloides*).—Looss, 1905, 188; 1914, 502.—Simon, 1896a, 182; 1897a, 208, 226; 1907a, 196; 1911a, 135.

ANGUILLULIDA Silva Amado, 1873a, 151 [rank not given].

ANGUILLULIDAE.—Aur., 1883, 5 (f., contains: *Aphelenchus*, *Tylenchus*, *Cephalobus*, *Plectus*).—Bast., 1865c, 73-184, figs. 1-248, 92 (monograph).—R. Bl., 1886n, 1178-1179; 1895, 747.—Braun, 1883a, 160, 185; 1895b, 12, 212, 213, 215; 1903a, 253; 1906a, 8, 22; 1906a, 274-275.—Carus, 1863, v. 2, 459-460 (f., contains: *Anguillula*, *Angiost.*, *Leptodera*).—Cast., & Chal., 1910a, 403; 1913a, 517.—Chatin, 1897a, 57-59.—Claus [1862b, 354-359, pl. 35 (in humus)]; 1885a, 296.—Cobbold, 1879, 5.—Daniels, 1910a, 71; 1914a, 74.—F., S., & T., 1916a, 374, 377.—Greeff, 1864c, 112-113.—Johns., 1914, 526.—Kholodk., 1899a, 183.—Laidlaw, 1910, JDA, v. 8, 87-90, 509-512, figs. 1-2 (potato, onion); 1911, 212A-212E, figs. 1-3; 1914, JDA, v. 12, 370-377, figs. 1-3.—Leidy, 1870a, 68-69.—Man., 1895, v. 9, 76-94, pls. 3-5 figs. 1-3h (orchids); 1910, ZI, v. 29, 359-394, pls. 1-3.—Nev.-Lem., 1904a, 97; 1906a, 312, 313; 1908a, 419; 1912a, 653, 833; 1913, 282-283.—Oerley, 1880a (b), 154-177 (1-165), pls. 1-7 figs. 1-34 (monograph); 1882b, 308 (subo.); 1885b, 40.—Piana & Stazzi, 1900, 525.—Rail., 1915, 494; 1915, 736; 1916, RMV, 517.—Rawitz, 1893a, 283.—Rollet., 1888a, 679, 686.—Schneidem., 1896a, 304, 305.—Shipley, 1896a (1901b), 137, 154.—Silva Amado, 1873, 151 (*Anguillulida*).—Sl. & Sw., 1912a, 312, 365, 401.—Southern, 1909, v. 4, 91.—Stiles & Frankland, 1902a, 36.—Verdun, 1907, 321.—Ward, 1903, 207; 1916, 677.

ANGUILLULIDEA Dies., 1861a, 624 (f., contains *Enoplus*, *Oncholaimus*, *Dorylaimus*, *Odontobius*, *Diplogaster*, *Dicelis*, *Anguillula*, *Angiost.*, *Leptodera*, *Isacis*, *Phacelura*, *Potamonema*, *Nema*).—Eberth, 1863a, 3 (f.).—Olss., 1869b, 482.—Schneid., 1866a, 51.

Anguilluliden (German vernacular name for *Anguillulidae*).—Man., 1910, v. 29 (3-4), 359-394, tables a-d, pls. 14-16 figs. 1-36.

Anguillulides (French vernacular for *Anguillulidae*).—R. Bl., 1886n, 1178-1179.—Gerv. & Ben., 1859, v. 2, 100.

ANGUILLULINA Gerv. & Ben., 1859b, 101-103 [type probably *tritici*].—Baillet, 1866b, 28.—Braun, 1895b, 215; 1906a, 276 (s. *Tylenchus*).—Cast. & Chalm., 1910a, 403; 1913a, 517.—F., S., & T., 1916a, 379.—Geddelst., 1911a, 103.—Nev.-Lem., 1908a, 420.—Stiles, 1914, MM, 271.—Stiles & Hass., 1905b, 86 (type probably *tritici*).—Verdun, 1907, 321.

devastatrix (Kühn, 1869) Nev.-Lem., 1913a, 291 (to *Tylenchus*).

dipsaci (Kühn, 1857) Gerv. & Ben., 1859b, 102-103 (free, attacks *Dipsacus*).—Baillet, 1866b, 29.—Bast., 1865c, 128 (to *Tylenchus*).—Stiles & Hass., 1905b, 86.

putrefaciens (Kühn, 1879) Braun, 1895b, 215; 1903a, 255 (s. *Trichina conferta*).—1906a, 276-277; 1908a, 287; 1915a, 298.—Brumpt, 1910a, 428.—Cast. & Chalm., 1910a, 403, 447.—Geddelst., 1911a, 103.—Nev.-Lem., 1908a, 504.—Sl. & Sw., 1912a, 366.—Stiles, 1907e, 602 (in *Homo*); 1914, MM, 294, 295.—Verdun, 1907, 382 (s. T. c.).

ANGUILLULINA—Continued.

- tritici* (Steinbuch, 1799) Gerv. & Ben., 1859b, 102.—Bail., 1866b, 28.—Bast., 1865c, 120, pl. 10 figs. 91-92 (to Tylenchus).—Stiles & Hass., 1905b, 86.—Ward, 1895a, 320-321 (s. *Anguillula scandens*).
- Anguillulinen (German vernacular name for *Anguillula* and *Anguillulidæ*).—Claus, 1862b, 354-359, pl. 35.—Greef, 1864c, 112-113.
- Angullulose (name of infection).—Preti, 1910, v. 24, 63; 1910, MmW, v. 57 (23), 1262 (cf. *Anguillula intestinalis*) (treatment, glycerin).
- intestinale Brau, 1915, v. 13 (11), 351-352.
- Anguillulosis (Italian vernacular for *Anguillulosis*).—Preti, 1909, v. 20, 589.
- intestinale (as name of infection).—See under *Strongyloides stercoralis*.—Barbag., 1897, 7 Feb.—Giani, 1912, v. 16 (5), 168.—Giani & Impo, 1911, v. 18, 537-548.—Maragliano, 1904a, 579.—Pacinotti, 1912, v. 144 [4.s], v. 18 (4-5), 131-155, figs. 1-6, 1913, CIB, v. 57 (5), 142.—Preti, 1909, v. 20, 589 (treatment, glycerin); 1910, v. 21, 589.—Riva, 1891a, 396-407; 1892a, 40-69.—Testi, 1904a, 85-89, 101-104, 117-121.
- Anguillulosis (infection with *Strongyloides*).—Verdun, 1907, 322, 381-382.
- intestinale.—Testi, 1904b, 670-671.
- ANGUILLULA Fossetti, 1877, v. 4, 143-144.—Lavergne, 1901a, 85-91, figs. 8-9, pl. 3 (misprint for *Anguillula*; S. American).
- tritici* (Steinbuch, 1790) Fossetti, 1877, v. 4, 143-144.
- ANGUINA Scopoli, 1777, 374 ("Tritici grana abbreviata & rotundata Linn. in not.¹ ad chaos").
- ANHYLOSTOMA Par. & Grassi, 1877b (c), 192 (misprint for *Anchylostoma*).—See *Ancylostoma*.
- duodenale* (Dubini, 1843) Par. & Grassi, 1877b (c), 192.
- ANISAKINE Rail. & Henry, 1912, 256 (contains: *Peritrachelius*, *Conoc.*, *Crossoc.*, *Pteroc.*).—Rail. in Hall, 1916b, RMv, 521.
- ANISAKIS Duj., 1845a, 151 (type "*Asc. simplex*," misdetermined: = *A. dussumierii*). 220-221 (subg. of *Asc.*, includes *distans*, "*simplex*").—Stiles & Hass., 1899, 103, 106, 128, 161; 1905b, 86.
- distans* (Rud., 1809) Duj., 1845a, 220 to *Asc.* (*Anisakis*).
- simplex* (Rud., 1809) Duj., 1845a, 220-221 to *Asc.* (*Anisakis*).
- ANKLYSTOMUM Lindqvist, 1895b, 56-57 (misprint for *Ankylost.*).—See *Ancylost.*
- ANKYLOSTEMUM Mans., 1901c, 547 (misprint for *Ankylostomum*).
- ANKYLOSTOMA Lutz, 1885a, 2295-2350, 2467-2506 (for *Ancylostoma*, q. v.).
- americanum* (Stiles, 1902) Sircardi, 1905d, 400-401.—Sl. & Sw., 1912a, 336 (to *Necator*).
- balsami* (Par. & Grassi, 1877) R. Bl., 1888a, 777 (so. *trigonoc.*) (in cat).
- boa* R. Bl., 1886i, 295-296 (2-3), pl. 10 figs. 1-3 (in *Boa constrictor*; Paris); 1888a, 770.
- braziliense* (Gomez, 1910) Geddes, 1911a, 123 (in cat, dog; Brazil).
- caninum* (Erc., 1859) Ward, 1895a, 342 (so. *Unc. trigonoc.*) (in *Canis* fam.).
- cernuum* (Crep., 1829) R. Bl., 1888a, 770 (in sheep, goats).
- ceylanicum* (Looss, 1911) Lane, 1913, JTMH, v. 16, 201-202.
- duodenale* (Dubini, 1843) Lutz, 1885c, 2295-2350.
- duodenale-jejunalis* Leichtenstern, 1886c, 238 (27) (*duodenale* renamed).—Looss, 1905b, 3.
- hominis* (Pöppel, 1897) Leichtenstern, 1898d, 980 (*duodenale* renamed).
- incertum* (Sons., 1896m) Looss, 1911a, 325.
- malayanum* (Aless., 1905) Rail. & Henry, 1909b, 170.
- pluridentatum* (Aless., 1905) Rail. & Henry, 1909b, 170.
- radiatum* (Rud., 1803) R. Bl., 1888a, 770 (in cattle).
- species* Bodkin & Cleave, 1916, BER, 182 (in dog; Brit. Guiana).
- stenocephalum* (Rail., 1884) R. Bl., 1888a, 770 (in dog).
- trigonocephalum* (Rud. of Erc., 1854) R. Bl., 1888a, 770 (in dogs, cats).

¹ Linn., 1767a, 1326: "TRITICI Grana abbreviata illa & rotundata, exsiccata etiam post annos, in aqua tepidiuscula intra horulam egerminant in ascaridiformem quasi vermicum: animatum vix dixero."

ANKYLOSTOMA—Continued.

- trigonocephalum* as syn. of *stenocephalum*.—Looss, 1898a, 446, 448, 483.
tubæforme (Zed., 1800) R. Bl., 1888a, 770 (=trigonoc.) (in cat).
- ANKYLOSTOMEÆ** Rail. & Henry, 1909b, 169 (group of Ankylostominae, contains Ankylost., Characost., Str., Unc.).—Nev.-Lem., 1912a, 647.—Hall, 1916a, 107.—Lane, 1917, IJMR, 425, 426, 431, 433.
- ANKYLOSTOMINÆ** Rail. & Henry, 1909a, 86; 1909b, 168-171 (subf. of Strongylidæ, contains Oesophagostomeæ, Ankylostomeæ, Bunostomeæ, Cylicostomeæ Syngameæ), 1910, 311; 1912, 563.—Lane, 1917, IJMR, 423, 425.—Nev.-Lem., 1912a, 646.
- ANKYLOSTOMUM** Bugnion, 1881c, 384 (for Ankylostoma, q. v.).—Linst., 1885b, 236-239; 1889a, 1.—Stoss., 1895a, 21-25.
- americanum* (Stiles, 1902) Linst., 1903o, 526-527 (includes *americanus* Looss, 1911, from *Simia troglodytes*; W. Africa).
- boæ* (R. Bl., 1886i) Linst., 1889a, 64 (in *Boa constrictor*).
- bovis* Strosse, 1894a, 110-114, pl. 1 figs. 1-4 (in *Bos taurus*; by Strosse).
- caninum* (Erc., 1859) Linst., 1889a, 15 (in *Canis fam.*).
- cernuum* (Crep., 1829) Linst., 1906, CfB, v. 43(1), 93.
- criniforme* (Gœze, 1782a) Stoss., 1899d, 125(71) (to Unc.) (in *Meles taxus*).
- duodenale* (Dubini, 1843) Bugnion, 1880, xxxviii-xxxix; 1881c, 382.—Linst., 1885b, 236-237; 1889a, 1.
- duodenojejuna* (Leichtenstern, 1886) Looss, 1905a, 18 (syn. of *duodenale*).
- incertum* (Sons., 1896) Rail., 1897a, 1137 (in horse).
- longemucronatum* (Mol., 1861) Linst., 1897d, 187, 184-187, figs. 1-4 (in *Sus scrofa dom.*).—Jægers., 1897b, 22 to (Doch.).
- minimum* Linst., 1906, Jan., 170, pl. 1 figs. 11-12 (in *Felis rubiginosa*; Kandy, Ceylon).
- perniciosum* Linst., 1885b, 238-239, pl. 13 fig. 10 (in *Felis tigris*; Zool. Gard., Hamburg) (syn. *Str. tubæformis* of Linst., 1879, 180-181 figs. 27-28).
- radiatum* (Rud., 1803, of Schneid., 1866) Schmidt, 1906a, 647 (in cattle).
- stenocephalum* (Rail., 1884) Linst., 1889a, 15 (in *Canis fam.*).
- strongyloides* Braun & Lütke, 1910a, 121 (lapsus for *Ankylostomum*, *Strongyloides*).
- trigonocephalum* (Rud., 1808) of canines.—Linst., 1885b, 238, figs. 8-9 (in *Canis vulpes*).—Stoss., 1889f, 181(4), pl. 5 fig. 12 (in *Canis fam.*; Medvendski brieg).
- trigonocephalum* (Rud., 1808) of Linst., 1889a, 14 (in *Canis azaræ*) (s. *Str. tubæf. pars* of Linst., 1885b, 238, pl. 13 figs. 8-9).
- trigonocephalum* from *Cynailurus jubatus*.—Looss, 1911a, 211.
- tubæforme* (Zed., 1800) Linst., 1885b, 237-238, pl. 13 figs. 5-7 (in *Felis catus dom.*).
- ANKYLOSTONA** Claytor, 1901a, 1251 (misprint for *Ankylostoma*).
- duodenalis* (Dubini, 1843) Claytor, 1901a, 1251.
- ANONCHUS** Cobb, 1913, JWAS, 444 (tod. mt. monohystera; 1917n, 453).
- monhystera* Cobb, 1914, TAMS, 72(38) (for monohystera).
- monohystera* Cobb, 1913, JWAS, Oct. 4, 444, fig. (Potomac river, near Wash., D. C., Douglas Lake, Mich.).
- ANOPISTOMA** Büetsch., 1874b, 272-273 (tod. *Symplocostoma vivipara*).—Linst., 1900a, in 117-132, 2 pls.—Man, 1907, 49-50.—Stiles & Hass., 1905b, 86.—Villot, 1875, 462, 466.
- blanchardi* Man, 1907, v. 20, 51, 54, 87 (marine; Walcheren Isl., Zealand).
- gracile* Linst., 1900a, 128, pl. 7 figs. 42-43 (Eissmeer, nördlich Spitzbergen).
- spinosa* Büetsch., 1874b, 273, pl. 5 figs. 20a-b (in sand; Kiel).—Villot, 1875, 466 (Kiel).
- vivipara* (Bast., 1865) Büetsch., 1874b, 273, figs. 21a-b (in sand; Kiel).
- viviparum* (Bast., 1865) Büetsch., 1874b, 273, *vivipara*.—Man, 1907, 233-234 (Zealand); 1907, 33, 49, 50-54, 87, pl. 1 fig. 8.—Schneid., G., 1906, 627.

- ANQUILOSTOMA** Rodriguez Mendez. 1882. *Clinica*. Zaragoza. v. 6. 294, 302.—Alvarez, 1905, v. 13, 258-279 (Anquilostomiasis).—da Costa, 1913, v. 4, 119-180; 1914, v. 3(6), 294 (Anquilostomiase).—Ferrari, 1906, v. 11(1), 19 (Anquilostomas).—Rocha, 1912, v. 1, 38 (Anquilostomasia).—Zingoni, 1905a, 846-850; 875-878; 1905b, 165-172 (Anquilostomiasis).
- duodenal* Dubini, 1843; Rodriguez Mendez, 1882, v. 6. 294, 302 (Zaragoza).
- ANTHOLAIMUS** Cobb, 1913, JWAS, 440 (tod. mt. truncatus).
- truncatus* Cobb, 1913, 440, fig. (roots of cotton plants: S. Carolina).—Steiner 1916, ZA, 315.
- ANTHONEMA** Cobb, 1906, 165, 187-189, fig. 92 (mt. revoluta).
- revoluta* Cobb, 1906, 165, 187-189, fig. 92 (free; Hilo, H. I.).
- ANTHRACONEMA** zur Strassen, 1904a, 301-346 (tsd. weismanni), figs. a-j, pls. 15-16 figs. 1-9 (free); 1904b-380-382.—Stiles & Hass., 1905b, 86.
- sagar* zur Strassen, 1904a, 302-346, figs. a, d, g, j, pl. 15 figs. 1, 5 (free; Posillipo von Nap.).—Linst., 1907, AN, (for 1901), Jhg. 67, v. 2 (3), 172.—Stiles & Hass., 1905b, 86.
- weismanni* zur Strassen, 1904a, 302-346, figs. b, c, e, h, pl. 15 figs. 2-4 pl. 16, figs. 6-9 (free; Posillipo von Nap.).—Linst., 1907, AN, (for 1901), Jhg. 67, v. 2(3), 172.—Stiles & Hass., 1905b, 86.
- ANTHROCEPHALI** Enceycl. Americana, 1903, v. 7, Art. Entozoa (for Acanthocephali).—Stiles & Hass., 1905b, 86.
- ANTHURIS** Rud., 1819a, 244 (tat. Spiropt. anthuris) [not Anthura Leach, 1813, crust.].—Poche, 1912, AN, 12, 13.—Rail. & Henry, 1916, CrSB, 115.—Rans., 1911a, 103 (Acuaria renamed) (cf. Spiropt.).—Stiles & Hass., 1905b, 87.
- ANTICOMA** Bast., 1865c, 141-142 (tsd. eberthi).—Cobb, 1890, PLSNSW, v. 5(4), 765-774, figs. 1-2; 1914, SE, 10, 11.—Man, 1907, 49, 50; 1907, v. 7, 26.—Stiles & Hass., 1905b, 87.—Villot, 1875, 456, 462.
- acuminata* (Eberth, 1863) Bast., 1865c, 142.—Büetsch., 1874b, 272.—Cobb, 1890, 771-773.—Stiles & Hass., 1905b, 87.—Villot, 1875, 466 (free; Med.).
- calveii* Rouville, 1905a, 788 (free; Cette).
- eberthi* Bast., 1865c, 141, pl. 11 figs. 143-145 (about roots of Corallina officinalis; tide pools, Falmouth).—Cobb, 1890, 770-771.—Southern, 1914, PRIA, v. 31, 22 (Clare Isl.).—Stiles & Hass., 1905b, 87 (genotype).—Villot, 1875, 465.
- leptura* (Mar., 1870) Cobb, 1890, 773 (France).
- linalis* Bast., 1865c, 141-142, pl. 11 figs. 146-148 (marine, surface mud; Falmouth).—Büetsch., 1874b, 271-272, figs. 19a-e (Kieler Bucht, Sylt).—Stiles & Hass., 1905b, 87.—Villot, 1875a, 462, 465 (Manche, Baltic).
- macrocoma* Villot, 1875, 466 (free; Med.).
- obtus* Villot, 1875a, 463, 465, pl. 11 fig. 9 a-b (free; Roscoff).
- pellucida* Bast., 1865c, 142, pl. 11 figs. 149-150 (tidepools; Falmouth).—Man, 1907, 50, 51, 53, 87 (Zealand).—Southern, 1914, PRIA, v. 31, 22 (Blacksod Bay, Clew Bay, Clare & Annagh Isl., Bofin Harbor).—Stiles & Hass., 1905b, 87.—Villot, 1875, 465.
- reflexa* Linst., 1896a, 8, figs. 8-9 (free; Uschuaia).
- species* Linst., 1903u (1904a), 275(11) (free; Bering Isl.).
- subsimilis* Cobb, 1914, SE, 8, 9, 11-12, fig. 1 (Bay, Cape Royds).
- tenuicaudata* Villot, 1875a, 462-463, 465, pl. 11 fig. 8a-b (Roscoff).
- typica* Cobb, 1890, 767-770, figs. 1-2 (coast of Ceylon) [not genotype].
- ANTOPLECTUS** see sub Autoplectus Criv., 1843b.—Stiles & Hass., 1905b, 87.
- ANYLOSTOMUM** Ratz, 1898d, 304 (misprint for Ankylostomum).
- incertum* (Sons., 1896) Ratz, 1898d, 304 (probably not from horse).
- AORMUS** Carus, 1863, 460 (possibly misprint for Aorurus) (subg. of Anguillula).
- AORURUS** Leidy, 1849a, 230, 231 (type ?Streptost. agile) (g. of Nematodea, with 2 subg. Streptost., Thelast.); 1850c, 100; 1851d, 285; 1856b, 50; 1904a, 19-21, 36-38, 50, 66, 94.—Scudd., 1884a, 361.—Stiles & Hass., 1905b, 87.
- agile* (Leidy, 1849) Dies., 1851a, 558 to Streptostoma (Aorurus).
- [*appendiculatum* Leidy, 1850e, 101, to [Aorurus] (Thelastoma).]
- [*attenuatum* Leidy, 1849a, 231, to [Aorurus] (Thelastoma).]

- APHANOLAIMUS** Man, 1880a, 5-6 (mt. attentus).—Jägers., 1909, 5, 7.—Stiles & Hass., 1905b, 87.
- anisitsi* Daday, 1905, v. 18, 48-49, pl. 2 figs. 1-6 (Paraguay); 1905, v. 23, 324-325.
- aquaticus* Daday, 1894, Mte, v. 12, 128-130; 1897, v. 2(1), 84-86, figs. 52-54 (aquatic; Balaton); 1905, v. 23, 325.—Hofmæn. & Menz., 1915, 121.—Jägers., 1909, 7, figs. 5-6.—Micol., 1914, ZJ, 396-401, pl. 15 figs. 13a-c; 1915, ZJ, 251-252.
- attentus* Man, 1880a, 6 (free, an den Wurzeln Weizenpflanzen; Holland). Daday, 1905, v. 23, 325.—Hofmæn. & Menz., 1915, 120.—Stiles & Hass., 1905b, 87.
- brachyurus* Daday, 1899, Mte, v. 17, 559-560.
- communis* Cobb, M. V., 1915, 44-45 (Douglas Lake, Mich.).
- minor* Cobb, 1914, TAMS, 72, 108-111 (38, 74-77) (in mud, Potomac River).
- multi papillatus* Daday, 1905, v. 18, 50, pl. 2 figs. 7-9 (in fresh water; Paraguay); 1905, v. 23, 325.
- papillatus* Daday, 1899, Mte, v. 17, 558.
- pulcher* Schneid., 1906c, 7-9, figs. 1a-c (Gulf of Finland); 1906.
- species* Schneid., 1906e, 679-680 (Estland).
- spiriferus* Cobb, 1914, v. 33(2), 107-108 (73-74) pl. 8 fig. 25 (Potomac River, Wash., D. C.).
- spirurus* Cobb, 1914, TAMS, 38.
- tenuis* Daday, 1899, Mte, v. 17, 558-559.
- viviparus* Plotnikov, 1901a, 244-245, fig. 1 (free; Bologojensee, Russia).—Schneid., 1906e, 679-680 (free, bei Reval in Estland).
- viviparus* n. sp. Cobb, M. V., 1915, 42-44 (Douglas Lake; Mich.)
- APHELENCHOIDES** Fischer, 1894, 1-11 (mt. kühnii).
- kühnii* Fischer, 1894, 1-11, pl. 1 (inside of stems of Clematis jackmani; at Fischback, Silesia).
- APHELENCHUS** Bast., 1865c, 93, 121-124 (tsd. avenæ).—Aur., 1883, 4-7.—Bos, 1891, 9, 10, 44.—Bütsch., 1873a, 45.—Cattie, 1901, 34-35.—Cobb, 1888a, 31; 1893b, 302-303 (53-54).—Hofmæn., 1913, 646.—Jägers., 1909, 6, 45.—Linst., 1876, 11.—Man, 1876a, 135-136; 1876b, 58-59; 1907, v. 7, 9, 19-20.—Nev.-Lem., 1913a, 283.—Oerley, 1880, 67, 110.—Rollet., 1870, 137.—Shipley, 1896a (1901b), 131, 155, 157.—Steiner, 1914, v. 9, in 259-275, figs. 1-29 (Switz.).—Stiles & Hass., 1905b, 87 (tsd. avenæ).
- adherholdii* Schwartz, 1912, 26 (in Maiblumenkeimen; Mecklenburg-Schwerin).
- agricola* Man, 1881a, 142.—Bos, 1891, 6.—Krüger, 1913, ZwZ, 118.
- avenæ* Bast., 1865c, 122-123, pl. 10 figs. 97-98 (in sheaths of leaves of oats; Broadmoor, Berks).—Bos, 1891, 5, 6, 13.—Bütsch., 1873a, 46-47, pl. 3 fig. 15 (on roots of plantago).—Chatin, 1884b, 11.—Nev.-Lem., 1913a, 312.—Oerley, 1880, 110, 111.—Stiles & Hass., 1905b, 87.
- coffæe* Noack, 1898a, 202-203 (137-142), figs. 1-4 (in roots of coffee plants; Brazil).—Faber, 1909, CfB, v. 23 (6-9), 217-218, figs. 39-40 (in "Pfahlwurzel-fäule"; Brazil).
- coffæe* Zimmermann, 1898, 44-45, fig. 13 (on coffee roots).—Faber, 1909, v. 23 (6-9), 217 (on c. r.; Java), 218.
- dubius* Steiner, 1914, AHP, 268-269, figs. 12-13 (trockene Ackerbau; Switz.).
- elegans* Micol., 1913, SAW Wien, 114-115 (aquatic; Lunzer Untersee, Ostalpen); 1914, ZJ, 530-531, pl. 19 figs. 34a-b.
- erraticus* Linst., 1876a, 10-11, figs. 24-25 (in Lacerta vivipara; by Linst.).—Bos, 1891, 6 (in L. v.).—Oerley, 1880, 110.
- fertilis* Bütsch., 1874b, 256-257, figs. 5a-c (in Kuhmist; Germany).—Bos, 1891, 6.—Oerley, 1880, 110-111.
- fragariæ* Bos, 1891, ZP, v. 1, 1-11, 12, 13, 15, pl. 1 figs. 1-3 (in Blumenkohlkrankheit of strawberries; Kent, Eng.); 1907, 3, 5.—Carpenter, 1906, EPRDS, 338-339, pls. 30-31a (in strawberry; Ireland).—Marcinowski, 1908, 40.—Schwartz, 1911, 35.
- goldii* Steiner, 1914, AHP, 429, figs. 20-21 (in feuchtem Humus; Switz.); 1916, ZA, 349.
- helophilus* Man, 1880a, 68-69 (in moist soil; Holland).—1907, v. 7, 19.—Bos, 1891, 6.
- littoralis* Hofmæn. in Hofmæn. & Menz., 1915, RsZ, 182-183, species Hofmæn., 1913, RsZ, v. 21, 646, pl. 16 figs. 22-23 (Genfersee).

APHELENCHUS—Continued.

- longicaudatus* Cobb, 1893b, 303 (54), pl. 42 figs. 1-4 (soil about banana plants; Fiji).
- microlaimus* Cobb, 1893b, 302-303 (53-54), fig. 10 (in grass; Australia).
- minor* Cobb, 1893b, 303(54), pl. 38 figs. 1-3 (about roots of banana plants; Fiji).—Steiner, 1916, ZA, 323, 325.
- modestus* Man, 1876a(b), 136-137(59-60), pl. 7 figs. 24a-c.—Bos, 1891, 6.—Oerley, 1880, 110, 112.—Silva Araujo, 1878b, 52.—Steiner, 1916, ZA, 329, 337-338, 349.
- mycogenes* Schwartz, 1912, 26-27 (in culture of *Cryptosporium nesii* corda).
- nivalis* Aur., 1883, 7-14, figs. 1-4 (in snow; Alkhornet).
- olesistus* Bos, 1893 [inv.]; 1901, 180-181; 1907, 5, 6.—Cattie, 1901, v. 11, 34-35 (in *Pteris ourvardi cristata*, *P. cretica albo-lineata*; Reichs-Gartenbauschulen.—Hofer, 1901, ZP, v. 11, 34.—Marcinowski, 1908, 40.—Molz, 1909, CfB, v. 23, 656-671, figs. 1-2, 1 pl. figs. 1-3 (chrysanthemum).—Schwartz, 1911, MkbA, 35 (of chrysanthemum, renamed *ritzemabosi*).—Theobald, 1913, 246 (see *ritzemabosi*) (on chrysanthemum); 1913, JSSA College, 286, 288.
- olesistus longicollis* Schwartz, 1911, MkbA, 35 (in Veilchengalle; Greitz); 1912, 27.
- ormerodis* Bos, 1891, ZP, 1, 11-15, pl. 1 figs. 5-6 (in strawberries; Kent, Eng.); 1907, 3, 5.—Marcinowski, 1908, 40-43, figs. 3,4; 1908, AbA B., 407-444, figs. 1-16; 1909, 45.—Menzl, 1914, AN, 89.—Schwartz, 1911, 35.
- parietinus* Bast., 1865c, 122-123, pl. 10 figs. 102-103 (in *Parmelia parietina*; Broadmoor, Berks).—Aur., 1883, 7, 8, 9, 10.—Bos, 1891, 5, 6.—Büetsch., 1873a, 18, 47, pl. 3 figs. 16a-b (on roots of plantago, moss, etc.; Germany).—Chatin, 1884b, 11.—Cobb, 1888a, 28, 31.—Linst., 1876a, 11.—Oerley, 1880, 110, 111, pl. 5 fig. 23a-b.—Stiles & Hass., 1905b, 87.
- penardi* Steiner, 1914, AHP, v. 9, 270, fig. 16 (Switz.).
- pyri* (Cobbold, 1865) Bast., 1865c, 123-124, figs. 103a-c (in decaying pears; by Cobbold).—Bos, 1891, 6.—Chatin, 1884b, 11.—Oerley, 1880a, 110, 112.—Stiles & Hass., 1905b, 87.
- richtersi* Steiner, 1914, AHP, v. 9, 269, figs. 14-15 (Switz.).
- ritzemabosi* Schwartz, 1911, MkbA, 35 (in *Chrysanthemum indicum*).—Theobald, 1913, 286-288 (in chrysanthemum).
- rivalis* Büetsch., 1873a, 46-48 (on stones; in the Main).—Bos, 1891, 6.—Jägers., 1909, 45, fig. 63.—Man, 1907, v. 7, 20.—Oerley, 1880, 110, 111.—Schuberg, 1904, Feb. 22, 631 (possibly a free *Myenchus*).—Schuberg & Schroeder, 1904, 519.
- species* Ditlevsen, 1912, 242-243 (Denmark).
- striatus* Steiner, 1914, AHP, 430-431, figs. 22-23 (in feuchtem Humus; bei Bellinzona, Switz.).
- tenuicaudatus* Man, 1895, PLBS, 77-81, fig. 1 (in *Calanthe*; by Bos).
- villosus* Bast., 1865c, 123, pl. 10 figs. 99-101 (in tufts of moss, *Tortula*; Broadmoor, Berks).—Bos, 1891, 5, 6.—Oerley, 1880, 110, 111-112.—Stiles & Hass., 1905b, 87.
- APLECTA Rail. & Henry, 1916, CrSB, 249, 250 (for *Cosmocerca pars*) (tod. *acuminata*) [not *Aplecta* Guen., 1837, lepidopt.]; 1916, RMv, 426 (renamed *Aplectana*).
- acuminata* (Schrank, 1788) Rail. & Henry, 1916, CrSB, 249.
- brevicaudata* (Zed., 1800) Rail. & Henry, 1916, 249, 250.
- APLECTANA Rail. & Henry, 1916, RMv, 426 (*Aplecta* 1916 nec 1837, renamed, hence type *acuminata*).
- APLECTUS Cobb, 1914, SE, 10, 12 (tod. *antarcticus*) [not *Aplecta* Rail., 1916; nematode; Guérin, 1837, lepidopt.].
- antarcticus* Cobb, 1914, 8, 9, 12-14, 1 fig. (Bay, Cape Royds).
- APORORHYNCHIDE Shipley, 1900b, 440, (fam. contains *Aporor.*).
- APORORHYNCHUS Shipley, 1899, Aug., 361 (mt. *hemignathi*) (*Arhynchus*, 1896 [not Dejean, 1834 coleopt.] renamed; 1900b, 441.—Lüthe, 1905b, 341, 342.—Stiles & Hass., 1905b, 87.
- hemignathi* (Shipley, 1896) Shipley, 1899, 207-218, pl. 12 figs. 1-15; 1899, 361 (in *Hemignathus procerus*; Sandwich Isl.; 1900b, 434-441, pl. 14.—Lüthe, 1905, 338, 341.—Marval, 1905, 356 (to *Neorhynchus*).—Stiles & Hass., 1905b, 87.—Van Cleave, 1914, 50.

- Appendicitis.** See also heading under *Ascaris lumbricoides*, *Oxyuris vermicularis*, and *Trichocephalasis*.
- Parasitic:** (DEUTSCHLAND) Milko, 1908, v. 35 (1), 31.—Saveljev, 1903a, 413-417; 1903b, 62; 1904a, 12.
- (FRANCE) Bertholet, 1904. Thèse, Bordeaux; 1905, 486-487.—Desaunais de Guermarquer, 1906, Thèse, Paris, 1-86; 1906, Pm, v. 14(78), 627.
- (GR. BRIT.) Frazer, 1913, EMJ, v. 10, 437-444.
- (U. S. A.) Hubbard, 1903, MSRBCH, 151-156.—Thrush, 1908b, 190.
- (MISCELLANEOUS) Schiller, 1902, 197-222; 1905, 27.
- Verminous:** (AUSTRALIA) Kelly, 1913, AMG, v. 33(25), 594-595.
- (BELGIUM) Mayer, 1913, Pm, v. 21 (25), 247.
- (CHINA) Fauquet, 1909, BSPe, v. 2, 606-610; 1910, BIP, v. 8(8), 353.
- (DEUTSCHLAND) Hueck, 1913, 1-47; 1913, FZP, v. 13(3); 1913, DmW, v. 39 (45), 2214; 1913, MmW, v. 60(41), 2300-2301.—Oppe, 1903a, 859-861, 879; 1903b, 142; 1903c, 954-955; 1904a, 142-150.
- (FRANCE) "B., Alb.," 1910, Rs, v. 48(16), 505-506.—R.Bl., 1906, AdP, v. 10, 405-436.—Bonnell, 1914, Pm, v. 22(22), 218.—Chameroy, 1910, AMPm, 170; 1911, Pm, v. 19(4), 33.—Engel, 1912, Gm, (131); 1912, FM, v. 30(16), 499.—Garin, 1910, GdH, (106); 1910, BkW, v. 47(47), 2166.—Guiart, 1907, AFAS, 842-856; 1911a, 281.—Hardouin, 1906, BSsm, v. 15, 167-168.—Mene-trier, 1909, Pm, v. 17(14), 125.—Ragaine, 1905a, 1-60; 1906a, 143; 1907a, 370.—Sagredo, 1914, AMeAp, v. 26(2), 203-222, fig. 1; 1914, CfB, v. 62(21), 654.—Senechal & Engel, 1912, AdP, v. 15(2), 315-320.—Tomoin, 1905, 139.
- (GR. BRIT.) Boyd, 1912, BMJ, v. 1, 828-829.—BMJ, 1909, v. 2, 1243-1244.—Gripper, 1912, BMJ, v. 1, 1072.—Papadopoulos, 1916, L, v. 191, 521.—Shipley, 1909f, 263-279; 1909g, 354.—Still, 1902a, 125.—Wilson, 1912, BMJ, v. 1, 829-830.
- (INDIA) Pickle, 1911, IMG, Dec.; 1912, NYMJ, v. 95(4), 262.
- (JAPAN) Matsuoka, 1915, JTokyoMa, v. 28(23); 1915, SiKMJ, v. 34(1), 2-3; 1915, JAMA, v. 64(21), 1799; 1915, RB, v. 5, v. 4(1), 6; 1915, TDB, v. 6(6), 311.
- (RUSSIA) Metchn., 1901, v. 15(12), 185-188.—Rostovtsev, 1902a, 1241-1246, fig. 1; 1902b, 1017; 1902c, 692; 1903a, 20.—Virsaladze, 1902a, 1294-1298; 1902b, 1017.
- (U. S. A.) Culhane, 1910, JAMA, v. 54(1), 48.—Hager, 1915, MR, v. 87(12), 504.—Ward, 1907, Feb. 8, 207.
- Appendicopathia oxyurica.**—Aschoff, 1913, MK, v. 9, 249-251 (Pseudo-appendicitis ex Oxyure); 1913, CPA, v. 24, 451.
- APROCTA** Dies., 1851a, 78 (subo. of Nematoda).—Goldb., 1855a, 106 (of Rhyngodea), 108 (nematode).—Mol., 1861c, 260 (so. Rhyngodea).
- APROCTA** Linst., 1883a, 289-290 (mt. cylindrica) [not Aprocta Dies., 1850a, 478, 481, suborder]; 1901c in 182-198; 1901e, in 271-292; 1905cc, 274 (diagnosis).—Rail & Henry, 1910, v. 3 (3), 152-155.—Rans., 1904a, 40, 41.—Skrj., 1917, CrSB, 303-307 (Filariidae); 1917, P, 468-469.—Stiles & Hass., 1905b, 87.
- aerophila* (Linst., 1906) Skrij., 1917, 305, 306 (in *Phœnicopterus roseus*).
- anthicola* (Linst., 1903u) Skrij., 1917, 305 (in *Anthus richardi*).
- crassa* Rail. & Henry, 1910, v. 3, 152, 153 (in *Otis tarda*; Abyssinia).—Skrj., 1917, 305, 306 (in O. t.).
- cylindrica* Linst., 1883a, 289-290, pl. 7 fig. 21 (in *Petroeca cyanea*; 1889a, 35; 1901, 188, 276; 1905cc, 274 (in P. c.).—Rans., 1904a, 4, 40, 49.—Skrj., 1917, 303, 305, 306 (in P. c.).—Stiles & Hass., 1905b, 87.
- matronensis* Rail. & Henry, 1910, v. 3, 153, 154 (in *Corvus cornix*; Alfort).—Skrj., 1917, 305, 306 (in C. c.).
- microanalis* Skrij., 1917, 303-306, figs. 1-3 (in *Erithacus* sp.; Prov. Semiretchen-skaja, Russian Turkestan).
- narium* Linst., 1901e, 276-277, fig. 2 (in *Buteo* sp.; Gouvern. Wolhynien); 1905cc, 274 (in B. sp.).—Skrj., 1917, 305, 306 (in B. sp.).
- ophthalmophaga* Stoss., 1902d(e), 73(13) (in *Falco* sp.; Abyssinia).—Linst., 1905cc, 274 (in F. sp.).—Rans., 1904a, 40, 46.—Skrj., 1917, 305, 306 (ophthalmophaga) (in F. sp.).

APROCTA—Continued.

orbitalis Linst., 1901c, 188, pl. 8 figs. 10–11 (in *Falco fuscoater*; Coll. Breslau); 1901, 276; 1905cc, 274 (in F. f.).—Rans., 1904a, 5, 41.—Skrj., 1917, 305, 306 (in F. f.); 1917, P, 470–471 (in F. f., *Aquila naevia*; Russia).

rotundatum (Linst., 1903) Rail. & Henry, 1910, v. 3, 155 (rutundata).—Skrj., 1917, 305 (in *Centropus sinensis*) (rotundate).

tricuspis (Fedtsch., 1874) Linst., 1905cc, 273–274 (in *Anthus*, *Alauda*, *Acridotheres*, *Corvus*, *Cisticola*, *Calornis*, *Cotyle*, *Chelidon*, *Formicivora*, *Fregilus*, *Garrulus*, *Graucalus*, *Hirundo*, *Lullula*, *Lanius*, *Nucifraga*, *Passer*, *Pica*, *Pyrhocorax*, *Poecile*, *Sturnella*, *Sylvia*, *Xenops*).

turgida Stoss., 1902d(e), 72–73, (12–13) (in *Larus argentatus*; Cagliari).—Linst., 1905cc, 274 (in L. a.).—Skrj., 1917, 305 (in L. a.); 1917, P, 469–470, 471, pl. 19 figs. 16–19 (in L. a.).

APRONOMENIDA Mont., 1905d, 11 (ord. of Acanthocephali, contains Arynchidae (g. Arhynchus)).

APROSTHECOSACTERES Dies., 1861a, 719 (phalanx 2 of Eustrongylicea) (contains: Str., Eustr.).

APTEROCEPHALE Dies., 1851a, 143 (Div. 1 of Gymnoascaridae) (contains Oxyercæ, Euascaridae); 1861a, 655 (Subdiv. 1 of Oxyercæ) (contains Macruræ), 656 (Subdiv. 1 of Euascaridae).—Mol, 1861c, 280, 281, 284.—Oerley, 1885a, 104 (Subdiv. of Euascaridae).

ARACOLAIMUS de Rouville, 1903c, 11, Dec., 1529 (probably misprint for *Araeolaimus*).—Stiles & Hass., 1905b, 87.

AREOLAIMOIDES Man, 1893a, 86 (mt. microphthalmus) (subg. of *Araeolaimus*).—Stiles & Hass., 1905b, 87.

microphthalmus Man, 1893a, 86–89, pl. 5 fig. 4 to *Araeolaimus* (*Araeolaimoides*) (free; dans les vases et parmi les algues qui recouvrent les rochers de Trefusis Falmouth).—Stiles & Hass., 1905b, 87.

AREOLAIMUS Man, 1888a, 14–17 (tsd. bioculatus), 15 (*Araeolaimus*).—Stiles & Hass., 1905b, 87.

bioculatus (Man, 1877) Man, 1888a, 15, 16 (Gulf of Nap.).—Stiles & Hass., 1905b, 87.

dolichoposthius Savelev, 1912, 123–124 (Catharinahafen, Mogilnojesev).

elegans Man, 1888a, 16, 17, pl. 1 fig. 9 (North Sea); 1907, 87 (Zealand).—Stiles & Hass., 1905b, 87.

mediterranea Man, 1877; 1888a, 15 (Nap.).

microphthalmus Man, 1893a, 86–89, pl. 5 fig. 4 to (*Araeolaimoides*) (Falmouth).—Stiles & Hass., 1905b, 87.

ARCHILOSTOMA Pieri, 1907c, 12 (misprint for *Anchilostoma*).

ARCHIONCHUS Cobb, 1913, JWAS, v. 3, 438 (mt. perplexans).

perplexans Cobb, 1913, v. 3, 438, fig. (roots of pasture plants, Arlington; and citrus roots, Valencia, Spain).

ARDUENA Mote, 1914, 28 (for Arduenna).

strongylina (Rud., 1819) Mote, 1914, 28, 29 (in swine).

ARDUENNA Rail. & Henry, 1911, BSPE, v. 4, 695–696 (tod. *Spiropt. strongylina* Rud., 1819).—Hall, 1916a, 218, 219.—Seur., 1914, CrSB, v. 77(25), 347; 1914, CrAS, 1018; 1916, 312, 322, 330, 339, 340.

dentata (Linst., 1904) Rail. & Henry, 1911, v. 4, 696 (in porc; Annam).—Brau & Bruyant, 1913, 43 (in porc; Saigon).

strongylina (Rud., 1819) Rail. & Henry, 1911, 696 (in porc; Annam).—Brau & Bruyant, 1913, 43 (in porc; Saigon).—Craig, 1915, 501 (treatment).—Hall, 1916a, 220.—Rail., 1915, 493; 1915, 735.—Seur., 1916, 328–329, 342 (in *Aphodius castaneus*, porc).

ARDUENNINE Rail. & Henry, 1911, BSPE, v. 4 (10), 698 (contains Arduenna, Physoc., Simondsia).—Hall, 1916a, 190, 218; 1916b, 520.—Rail., 1915, 493; 1915, 735.

ARHYNCHIDE Shipley, 1896a (1901b), 185; 1896c, 216 (fam. of Acanthocephala, contains Arhynchus).—Mont., 1905d, 11 (f. of Apronomenida, contains Arhynchus).

ARRHYNCHUS Shipley, 1896c, 207-218 (mt. hemignathi). Arrhynchidae [not Arrhynchus Dejean, 1834. coleopt.; Arrhynchus Philippi, 1871. insect]; 1899, 361 (renamed Apororhynchus).—Lühe, 1905b, 342 (so. Apororhynchus).—Marotel, 1899, 228, 301.—Mont., 1905d, 11 (g. of Arynchidae).—Stiles & Hass., 1905b, 88.

hemignathi Shipley, 1896c, 207-218, pl. 12 figs. 1-15 (in Hemignathus procerus; Kauai, Sandwich Isl.); 1896a (1901a), 181, 182, 185; 1897a, 307; 1897c, 527; 1899a, 361.—Marvel, 1905, 356, 357, 358, 359 (to Neorhynchus).—Mont., 1905, 10.—Stiles & Hass., 1905b, 88, 181, 182, 185; 1897a, 307; 1897c, 527; 1899a, 361.

ARRHYTHMORHYNCHUS Lühe, 1911a, 10, 47-48 (mt. frassoni; 1912, ZJ, v. 1, 285, 286, 287, 290, 291, 292, 293.—Bieler, 1914, ZA, v. 43, 90, in 405-416, figs. 1-4.—Van Cleave, 1916, JP, v. 2(4), 167-174, figs. 1-14, pls. 1-2.

brevis Van Cleave, 1916, 169-172, 173, pl. 1 figs. 1-3, 6-7, pl. 2 figs. 8-11 (in Botaurus lentiginosus; Baltimore, Md.).

evaginabilis Lühe, 1912, ZJ, v. 1, 276 (apparently lapsus for invaginabilis).

frassoni (frassonii Mol., 1858d) Lühe, 1911a, 48-50, figs. 64-67 (in Numenius arcuatus, Mergus serrator); 1912, ZJ, v. 1, 285, 287, 288, 289, 290, 291, 292, pl. 13 figs. 10-11.—Bieler, 1914, ZA, 411-414, figs. 3-4 (in N. a.; Trieste).—Van Cleave, 1916, 167, 169, 172, 174.

invaginabilis (Linst., 1902) Lühe, 1912, ZJ, v. 1, 282, 287, 288, 289, 290, 291, 293, 305, figs. b-d, f, pl. 13 figs. 8-9.—Van Cleave, 1916, 167, 173.

pumiliostris Van Cleave, 1916, JP, 169, 172, 173, pl. 1 figs. 4, 5, pl. 2 figs. 12-14 (in Botaurus lentiginosus; Wash., D. C.).

trichocephalus (Leuck., 1876a) Lühe, 1912, ZJ, v. 1, 290.—Van Cleave, 1916, 172, 173.

uncinatus (Kaiser, 1893a) Lühe, 1912, ZJ, v. 1, 287, 289, 290.—Van Cleave, 1916, 173.

AREOLAIMUS Man, 1888a, 15 (for Areolaimus).—Stiles & Hass., 1905b, 88.

ARTHRORHYNCHUS Kolenati, 1857e, 67-68 (g. of Acanthocephalen, [with intestinal canal] (contains westrumbii and diesingii, apparently includes Mermis nycteribiae, 69 Artrorhynchus).—Dies., 1859e, 752.—Speiser, 1900b, 29 (later determined as an Ascomycete); 1901a, 19, 20 (later determined as fungus).

diesingi Speiser, 1900b, 29 (for diesingii) (on Nycteribien; by Kol.) (apparently on Penicillidia conspicua; from Serbia); 1901a, 19.

diesingii Kol., 1857e, 68 (on Acrocholidia montaguei (vexata) in Mähren im Balge des Myotis murinus; by Kol.).—Dies., 1859e, 752, pl. 1 fig. 4 (on Acrocholidia montaguei in skin of Myotis murinus; Moravia).

westrumbi Speiser, 1900b, 29; 1901a, 19 (for westrumbii) (s. Mermis nycteribiae) (on Nycteribien; by Kol.) (apparently on Penicillidia conspicua; from Serbia).

westrumbii Kol., 1857e, 68 (on Megistopoda westwoodii im Banat, Serbien, Dalmatien, im Balge des Rhinolophus euryale; by Kol.).—Dies., 1859e, 752, pl. 1 figs. 1-3 (s. Mermis nycteribiae) (in Megistopoda westwoodii in skin of Rhinolophus euryale; Serbia; Dalmatia).

ARTHRORHYNGOIDEA Dies., 1859e, 751-752 s. Acanthocephala enterocoleta, tribe 1 of subo. Rhyngodea protucha, contains Arthrorhynchus.—Speiser, 1901, 20.

ARYNCHIDAE Mont., 1905d, 11 (contains Arrhynchus).

ASCARES Encycl. Americana, v. 7, not paged, under Entozoa (so. pinworm; v. 2 (gives Ascaris).

ASCARIDA Muell., 1880, 194 (apparently misprint for Ascaridia or for Ascaris).

labiata (Rud., 1809) Muell., 1880, 194 (in eel).

ascariasis, **Ascariasis**, **Ascariidenseuche**, **Ascaris** infection, etc. See also **Ascaris**, **A. lumbricoides**, **A. megalocephala**, etc.

(BASEL) Zsch., 1900a, 254-256 (bei jungen Hunden).

(BERL.) Dewitz, 1891a, 812-814; 1892a, 441-445 (hygiene).

(CALCUTTA) IMG, 1910, v. 45, 287-290.

(DEUTSCHLAND) Fisch., 1908, WTV, v. 52 (26), 489 (in a calf).—Reinach, 1913,

MmW, v. 60 (48), 2704.—Schlossmann, 1914, BkC, v. 90, 531-548, pl. 1; 1914,

MmW, v. 61 (22), 1237; 1914, DmW, v. 40 (27), 1393; 1914, JAMA, v. 63 (3),

282.—Thum, 1915, ZfT, v. 18, 503; 1916, Cornell Vet., v. 5 (4), 205-209 (in

horses and swine).

Ascariasis—Continued.

- (GR. BRIT.) Cast. & Chalm., 1910a, 940.
 (HOLLAND) Pereboom, 1791a, 1-23.
 (LILLE, FRANCE) Verdun, 1907a, 332, 326-342.
 (OXFORD, ENG.) Osler, 1912, PM, 8 ed., 294-296.
 (PARIS) Guiart, 1899b, 1, 2.
 (SAIPAN) Maver, 1912, AST, v. 16 (20), 704-705.
 (TIEL) D'Ardenne, 1880, GC, v. 34 (2), 2.
 (TORINO) Perronc., 1895b, 155-156.
 (TUKDAH, INDIA) MacGregor, 1914, IMG, v. 49 (5), 187-188.
 (WEST CENTRAL AFRICA) Wellman, 1904a, in 52-56.
 (WÜRZBURG) Seifert, 1903a, 516, 562, 567.
 (MISCELLANEOUS) Codronchius, 1603a, in 1-62.—F., S., & T., 1916a, 692.—Musser, 1913a, 530.
- Accidents: (FRANCE) Arthus & Chanson, 1896, Méd. mod., v. 7 (5), 38; 1896, CfB, v. 20 (6-7), 264. Chanson, 1896a, 38-40; 1896b, 193; 1896c, 225-226; 1896d, 411; 1898a, 282-283; 1898b, 913-914.
 (ITALY) Cartolari, 1911, F, v. 7, 91, 107, 128, 168, 189, 212.
- Cases: (INDIA) Stewart, 1911, IMG, v. 46, 16; 1911, CfB, v. 50 (6), 182.
 (MEININGEN) Marschall, 1831a, 165-167.
 (SEVILLE) Alvarez Millán, 1889, RmS (14), 449-456.
- Cases, fatal: (BERL.) Traeger, 1901a, 73-74.
 (DEUTSCHLAND) Boehm, 1908, AST, v. 12, 640.—Weiskopf, 1880a, 229-231; 1880b, 240.
 (EWELL, SURREY) Rendall, 1892a, 1303.
 (ITALY) Enernao, 1914, Pol., v. 21, 163; 1914, TDB, v. 3 (6), 288; 1914, AST, v. 18 (19), 676.
 (LEIPZIG) Jungels, 1911, AST, v. 15 (16), 542-543.
 (LOND.) Rake, 1892a, 1247.
 (PARIS) Lamoureux, 1912, BSPE, v. 5, 842-843.
- Ascariasis, with symptoms resembling—
- Appendicitis: (INDIA) Dass, 1911, IMG, v. 46, 445.
 (ITALY) Borini, 1914, AdP, v. 16, 428-431; 1914, CfB, v. 62 (9), 368.
- Dysentery: (DEUTSCHLAND) Schreiber, 1911, AST, v. 15 (4), 127-128; 1911, CfB, v. 50 (6), 181-182.—Stolowsky, 1910, AST (4); 1910, CfB, v. 47 (25), 791.
- Meningitis: (FLORENCE) Santarnecchi de Francony, 1915, RCp, v. 13, 97-109.
- Treatment: (DEUTSCHLAND) Meyer, 1783a, 4, 22, 27, 28.
 (FRANCE) Compiérat, 1859a, 400.—Hervieux, 1859a, 216-225; 1860a, 149-150; 1860b, 157.
 (GR. BRIT.) Bird, 1859a, 465-466; 1859b, 310.
 (HOLLAND) Jakob, 1914, TvV, v. 39 (23); 1914, TR, v. 20 (29), 400.
 (LONDON) d'Etamps, 1859a, 576.
 (PARIS) Berguin, 1881a, 1-61.—Comby, 1902a, 77; 1902b, 550.—Rail., 1912, BM, April 17; 1912, NYMJ, v. 96 (9), 437.
 (U. S. A.) Pollard, 1902a, 185-186; 1903a, 190; 1903b, 573.
- , assafoetida and aloes: (U. S. A.)—Smith, 1859a, 287-288; 1859b, 277; 1860a, 152.
- , carbon disulphide: (HUNGARY) Groag, 1910, AI (15); 1911, BtW, v. 27 (16), 292.—Taar, 1907a, 65-66; 1907b, 406; 1907c, 427-428; 1907d, 204.
- , chloroform: (ITALY) Barnabo, 1909, Pol., v. 16, 880-882; 1909, JAMA, v. 53 (10), 826; 1909, DmW, v. 35 (52), 2330.
- , nitrate of silver: (LOND.) Schultz, 1859a, 700.
- , oleum chenopodii anthelmintici: (BERL.) Przedborski, 1913, BkW, v. 50, 1987.
- (BONN) Schmitz, 1908a, 1-38; 1909a, 157.
- (MÜNCHEN) Gockel, 1910, MmW, v. 57 (31), 1643-1644.
- , poisons: (LEIPZIG) Schroeder, 1885a, 290-309 (effects on Ascaris); 1886a, 76-78; 1887a, 48-50.
- , salipyrin poisoning: (BERL.) Haase, 1904a, 70 (Vergiftung).
- , santonin: (FRANCE) Moniez, 1879g, 305-309.
- (IRELAND) Brisbane, 1860a, 482.—Williams, 1860b, 460.
- (MISCELLANEOUS) Kleiner, 1843a, 1-24.
- , spigelia anthelmintica marylandica: (PARIS) Koreff, 1848a, 139-141.
- , sulphuric ether: (GR. BRIT.) Ward, T., 1860a, 776; 1860b, 279.
- , suppositoires et lavements: (ROULERS) Troussseau, 1857a, 636-637.

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Treatment, tartarus stibiatus: (DEUTSCHLAND) Merkt, 1907, TR, v. 13 (7), 49; 1907, WTV, v. 51 (18), 351.—Muenich, 1910, MtW, v. 54 (48), 814.

—, thymol: (PERU) Soldan, 1911, Crón. méd., v. 38, 7-11; 1911, NYMJ, v. 94 (27), 1336.

—, tobacco fumes: (LOND.) Turner, 1762a, 307-310 (in form of clyster).

Ascaride [see Ascaris].—Guiart, 1911a, 245.—Hahn, 1887a, 58-60, figs. 1-3.—Neum., 1883a, 362-377, figs. 1-10; 1883b, 1-20, figs. 1-10.—Perronc., 1882a, 305 (dell' anitra; negli ucelli domestici).—Vicq d'Azyr, 1790a, 322-325.

ASCARIDÆ Cobbold, 1862n; 1864 [nv.] (family of Nematoda, type genus Ascaris); 1879b, 4.—[R. Bl., 1888a, 661].—Bos, 1894a, 218-219.—Braun, 1883a, 160, 161; 1895b, 213, 240; 1906a, 274.—Campb. & Lacr., 1907, 68.—Cast. & Chalm., 1910a, 441.—Claus., 1885a, 291.—Hall, 1916a, 39, 65; 1916, 518.—Ihle, 1916, v. 43, 276-278 (of dogs).—Kholodk., 1899a, 175.—Kitt, 1885a, 271.—Lepri, 1898, 67.—Looss, 1905, 139.—Nev.-Lem., 1908a, 415.—Rail., 1915, 734.—Rail. & Henry, 1915, 270.—Rans., 1911a, 13, 18, 19, 20, 23, 24 (f., contains Asc.).—Rawitz, 1893a, 427-429, fig. 28.—Roger, 1901, 94.—Schneidem., 1896a, 305, 322.—Shipley, 1896, 138, 163.—Skrj., 1916, 481; 1916, 44.—Stiles & Hass., 1899, 99, 101, 103.—Stoss., 1898, 66.—Trav., 1914, v. 6 (2), 137.—Verdun, 1907, 321.—Ward, 1916, 701.

ASCARIDATA Rail. & Henry, 1915, BSPe, 271 (cf. Ascaroidea).—Skrj., 1916, 463, 481 (suborder).

ASCARIDEA Ben. [nv.].—Carus, 1863, v. 2, 460 (fam., contains Ascaridea, Oxyuridea).

ASCARIDEA Dies., 1861a, 653 (fam., contains Asc., Acanthocheilus, Crossophorus, Heligmus, Peritrachelius).—Carus, 1863, v. 2, 461 (subf., contains, Asc., Heligmus).—Hall, 1916a, 39.

ASCARIDEA Ehrenb., 1831, teste Scudd., 1884, 29 (as supergeneric name).—Stiles & Hass., 1905b, 88.—Trav., 1914, MIOC, v. 6 (2), 137 (superf., contains Ascaridæ, Heterakidæ, etc.).

Ascariden (German plural for Ascaris, also German for Ascaridæ).—Bilek, 1909, ZwZ, v. 93, 624-667, 2 pls.; 1910, v. 36 (1), 17-25, figs. 1-3.—Bischoff, 1854.—Demateis, 1892b, 653.—Edelmann, (1902) 1903, 216.—Harms, 1906, ZA, v. 30, 487-488.—[Heister, 1715, 467-468].—Ihle, 1916, TvD, v. 43 (7), 276-278.—Ostertag, 1899a, 419.—Rake, 1892 L, no. 22.—Rendall, 1892, L, v. 6 (23).—Weiskopf, 1880a, 229-231 (in dog).

Ascarides (frequently used, especially by French, for Ascaridæ; also used as plural of Ascaris).—Agnew ? v. 2, 545.—Baird, 1853a, 6 (of Pall., so. Fil. attenuata).—Barth., 1906, (II), 116.—Barnabo, 1909, JAMA, v. 53 (10), 826; ? v. 16 (28), 869-900.—R. Bl., 1888a, 661.—Bourgeois d'Etamps, 1859, AMM, v. 12 (6), 469.—Buchave, 1791a, 406.—Cobbold, 1883h, 82.—Coulet, 1729a, 228, fig. 33.—Duprey, 1906, JTM, v. 9 (18), 70.—Edelmann, 1915, 258.—Egeberg, 1882, v. 12, 76.—Fabr., 1733a.—F., S., & T., 1916a, 361, 375, 461, 649, 650.—Goldschmidt, 1910, Sept., 20; 1910, MR, v. 78 (16), 689; 1911, VN, v. 8, 39-40.—Guerrini, 1911, v. 55 (2), 283-297, 1 pl., figs. 1-5.—G[uittard], 1908, Pv, 2s, v. 21 (1), 4-5; 1910, v. 23 (3), 65-68 (of calves); 1910, T, v. 49 (4), 86.—Hafmburger, 1910-1911, v. 47, 242 (in abd. cav.).—Heberden, 1785a, 45-53; 1790a, 325-326.—Henry, 1912, v. 9 (2), 130-131; 1913, v. 1 (8), 437-438.—Johnst., ?, BNCP, v. 11, 221 (Berwickshire).—Krabbe, 1878a, 43-51, 1-3, pl. 1 figs. 1-5; 1878b, 430-432.—Lannec, 1812d, 339-352.—Leuck., 1867b, 152.—Livois, 1851a, 78-86.—Meschinot, 1845a, 67-84.—Mol., 1858c, 402 (of Pall. so. Fil. nodispina).—Most, 1836a, 196.—Oeden, 1900, 269.—Owen, 1865a, 182.—Pall., 1781a, pt. 1, 83.—Pavesi, 1894, 108 (in egg of chicken).—Pereboom, 1729, 15, pl. 1.—Perronc., 1912, GmP, 130-131 (la vie).—Pillers, 1910, VR, v. 23, 158-162 (of dom. animals); 1910, v. 5, 262-265; 1910, v. 7, 499-503.—Pollard, 1902a, 185-186; 1903a, 190; 1903b, 573.—Pond, 1901a, 481-488 (in bile ducts).—Popken, 1840a, 585, 587.—Pulteney, 1800a, 24-27 (in Ptelecanus carbo, P. cristatus).—Rail. & Henry, 1911, v. 7 (1), 12-15 (of carnivores); 1912, v. 7 (1), 173-176.—Rózsa, 1911, 742-743 (development).—Signal, 1884, 224.—Smith, 1859a, 287-288 (treatment); 1860a, 152; 1903, 1.—Sundevall, 1837b, 54; 1842b, 531, 533.—Veit, 1910a, 162 (in poulain).—Vet., 1896, v. 69 (821), 411.—Wagner, 1833, 123-124.—Wilkinson, 1903a, 979 (convulsions).—Williams, 1860a, 566; 1860b, 460.—Yonatt, 1847, 95.—Zed., 1800a, 3-6.—Zlamai, 1846b, 949.—Züern, 1882, 234.

couleti [=of Coulet] Blumenb., 1825a, 242 (in Homo) (so. Tania solium).

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lombroides (Bosc, 1802) Anciaux, 1855a, 382-385, 397-398, 405-408; 1855b, 1084 (for *Asc. lumbricoides*).

lumbricoide.—See *Asc. lumbricoides*.

lumbricoides.—See *Asc. lumbricoides*.

marinas ([?Linn., 1767a]) (Müell., ?, v. 1, 212) Fabr., 1794, 36.

Ascaridi (Italian for *Ascaris* and *Ascaridæ*).—Aymareto, 1905, 195-197.—Bussano, 1911, v. 34 (8), 337-351.—Consoli, 1701a.—Donzella, 1909, v. 20, 58-60.—Guerrini, 1910, v. 64, 549-580, 1 pl.—Perronc., 1882a, 296.—Rizza Casa, 1908, Gml, v. 67, 161-164.—dalla Valle, 1915, v. 36, 468-470.

lombroidi De-Pietra Leone, 1899a, 291-292.—See *Asc. lumbricoides*.

ASCARIDIA Raf., 1815a, 151 (i., of *Helminthia*, contains: subf., *Scolexia* with genera, *Scolex* Müell., *Tentacularia* Bosc, *Asc.*, *Spherurus* Raf. sp. do., *Tetracula* Bosc, *Hexostoma* R.=*Polystoma* Roche, *Crinopsis* Raf., and subf. *Filaridia* with genera: *Fil.*, *Capsularia*, *Cap.*, *Mastigodes* Zed., *Echiramphus* R.=*Echynorinchus* Müell., *Str.*, *Cucullanus* Müell., *Trichoc.* Brug., *Proboscideus* Bosc, *Crinola* Raf.=*Crino* Lam., *Fus.*, *Ophiost.*, *Hærucula* Raf.=*Hæruca* L., *Amphistoma* Zed., *Distomopsis* Raf.=*Distoma* Zed., *Monostomeus* Zed., *Festucaria* Schr., *Planaria* Goeze, *Unc.*

ASCARIDIA Duj., 1845a, 151, 214-220 (isd. truncata) (subg. of *Asc.*).—Lane, 1914, Oct., 655 (g. of *Het.*), 662 (diag.): 1916, IJMR, 100: 1917, IJMR, 756-758.—Rail, 1915, RMv, 491.—Rail & Henry, 1911, 573: 1912, 257 (type truncata): 1914, ICZ, 677-678.—Skrj., 1916, 493-494; 1916, VOv, 432-435.—Stiles & Hass., 1899, 106: 1905b, 88 (?type *Asc. truncata*).—Trav., 1913, MIOC, v. 5, 288-289 (type truncata): 1914, v. 6 (2), 138 (g. of *Heterakidæ*).

ægyptiaca (Linst., 1902) Rail. & Henry, 1914, 678 (in *Ardea garzetta*).

amblymoria Trav., 1913, 290, 291, 294, pl. 29 fig. 20 (in *Caprimulgus campestris*; Brazil) (for *amblymoria*).

amblymoria (Drasche, 1883) Rail. & Henry, 1914, 678 (in *Caprimulgus campestris*).—Lane, 1917, 757.

arquata (Schneid., 1866) Rail. & Henry, 1914, 677 (in *Crypturus cupreus*).

australis (Linst., 1898) Rail. & Henry, 1914, 678 (in *Macropygia nigrirostris*).

borealis (Linst., 1884) Rail. & Henry, 1914, 678 (in *Lagopus mutus*).—Lane, 1917, 757.

brasiliana (Linst., 1889) Trav., 1913, 290, 291, 295-296, pl. 28 fig. 17 (in *Rhynchotus rufescens*; Brazil).

brasilensis (Magal., 1892) Rail. & Henry, 1912, 257: 1914, 677 (in *Gallus dom.*; Brazil).—Lane, 1917, 757.—Trav., 1913, 290, 291, 294-295 (in *G. gallinaceus*; B.).

brevicauda (Ratz, 1897) Rail. & Henry, 1914, 678 (in *Lucioperca sandra*).—Lane, 1917, 757.

brevicaudata Trav., 1913, 290 (in *Lucioperca sandra*) (for *brevicauda* Ratz, 1897).

calcarata (Gendre, 1909) Rail. & Henry, 1914, 678 (in *Mabuia perroti*, *Numida meleagris*; Guinée française, Dahomy).

cathetulina (Johnst., 1912) Rail. & Henry, 1914, 678 (in *Talegallus (Catheturus) lathamii*).

circularis (Linst., 1903) Rail. & Henry, 1914, 678 (in *Centropus sinensis*).—Lane, 1917, 757.

columba (Gmel., 1790) Trav., 1913, 289, 291-292, pl. 28 fig. 16 (in *Columba livia dom.*; Brazil).

compar (Schränk, 1790) Duj., 1845a, 218 to *Ascaris* (*Ascaridia*).—Lane, 1917, 757.—Rail. & Henry, 1914, 678 (in *Tetraonidæ*).—Skrj., 1916, VOv, 435.—Stiles & Hass., 1905b, 88.—Trav., 1913, 289.

compressa (Schneid., 1866) Rail. & Henry, 1912, 257: 1914, 677 (in *Gallus dom.*; Adelaide).—Lane, 1917, 757.—Trav., 1913, 290.

cordata (Linst., 1906) Rail. & Henry, 1914, 678 (in *Callipepla squamata*).

cristata (Linst., 1901) Rail. & Henry, 1914, 678 (in *Balearica regulosum*).

cylindrica (Blome, 1909) Rail. & Henry, 1914, 678 (in *Tetrao urogallus*).—Skrj., 1916, VOv, v. 28, 432-435, 1 fig.

dolichocerca (Stoss., 1902) Rail. & Henry, 1914, 678 (in *Circus spilothorax*).

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- flexuosa* (Schneid., 1866a) Rail. & Henry, 1914, 678 (in *Crotalus* sp.) (fluxuosa misprint).
- francolina* (Linst., 1899) Rail. & Henry, 1914, 687 (in *Francolinus bicalcaratus*).
- gibbosa* (Rud., 1809) Duj., 1845a, 217–218 to *Ascaris* (Ascaridia).
- granulosa* (Linst., 1906) Rail. & Henry, 1912, 257; 1914, 677 (in *Gallus* dom.; Colombo).—Lane, 1917, 757.
- hamia* Lane, 1914, Oct., 662–664, pl. 76 figs. 15–16, pl. 77 fig. 17 (in small intest. dom. fowl; Berhampore, Bengal).
- hermaphrodita* (Froel., 1789) Skrz., 1916, VOv, 434; 1917, P, 465–467, pl. 18 fig. 8 (in *Psittacus* sp.; Russia).
- inflata* (Zed., 1800 of Rud., 1819) Duj., 1845a, 216–217, to *Ascaris* (Ascaridia) (not *Fus. inflexa* Zed.) (s. *Asc. teres galli major*, *Fus. reflexa*, *Asc. vesicularis*, *A. funiculus*, *A. inflexa*) (in *Phasianus gallus*, *Tetrao urogallus*).—Baird, 1853a, 26–27 (s. *Asc. t. g.*, *Fus. ref.*, *A. ves.*, *A. inf.*, *A. fun.*) (in *Ph. g.*, *Tet. ur.*).—Lane, 1917, 757.—Rail. & Henry, 1914, 678 to (Ascaridia) (in *Anas boschas fera*, *A. b. dom.*, *A. acuta*, *Cairina moschata*).
- lineata* (Schneid., 1866) Rail. & Henry, 1912, 257; 1914, 677, 678 (in *Anas boschas* dom., *Gallus* sp.; Brazil, Turkestan).—Lane, 1917, 757.—Trav., 1913, 289, 291, 293–294, pl. 29 fig. 19 (in *A. b. d.*, *G. dom.*; Brazil).
- longecirrata* (Linst., 1879) Trav., 1913, 290.
- longecirrata* Rail. & Henry, 1914, 678 (for *longecirrata*, 1879) (in *Geopelia* sp.).
- maculosa* (Rud., 1802) Duj., 1845a, 219–220 to *Asc.* (Ascaridia).—Rail. & Henry, 1912, 257; 1914, 678 (in *Columba*, *Stictocenas*, *Vinago*).—Lane, 1917, 757.—Skrz., 1916, 496–499 (in pigeon; Aoulié-ata).
- magalhãesi* Trav., 1913, 290, 291, 296–297, pl. 29 fig. 21 (in *Geotrygon montana*; Brazil).
- magnipapilla* (Linst., 1906) Rail. & Henry, 1914, 678 (in *Lyrurus tetrix*).—Lane, 1917, 757.
- numida* (Leiper, 1908) Trav., 1913, 290.—Rail. & Henry, 1914, 678 (in *Numida ptylorhyncha*; Nil blanc).
- orthocerca* (Stoss., 1902) Rail. & Henry, 1911, 573–574, fig. 1 (in *Rhea americana*; 1914, 677 (in *R. a.*)).
- perspicilla* (Rud., 1803) Trav., 1913, 274, 289.
- perspicillum* (Rud., 1803) Duj., 1845a, 218 to *Asc.* (Ascaridia).—Lane, 1917, 757.—Rail. & Henry, 1912, 257; 1914, 677 (in *Gallus* dom., *Meleagris gallopavo*, *Numida meleagris*, *Tetrao urogallus*?).—Skrz., 1916, VOv, 435; 1916, 494–496 (in poule).
- pterophora* (Crep., 1854) Rail. & Henry, 1914, 678 (in *Cariama cristata*).
- serrata* (Schneid., 1866) Rail. & Henry, 1914, 678 (in *Penelope humealis*).
- stroma* (Linst., 1899) Rail. & Henry, 1914, 678 (in *Grus* (*Tetrapterix*) *paradisea*).
- styphlocerca* (Stoss., 1904) Rail. & Henry, 1914, 677 (in “volatile domestique”; Gambia).
- trilabium* (Linst., 1904) Rail. & Henry, 1914, 678 (in *Centropus sinensis*).—Lane, 1917, 757.
- truncata* (Zed., 1803) Duj., 1845a, 214–215 to *Ascaris* (Ascaridia).—Lane, 1917, 758, 760–763, 764.—Rail. & Henry, 1912, 257.—Trav., 1913, 289, 291, 292–293, pl. 29 fig. 18 (in *Ara arana*, *A. macao*, *A. chloroptera*, *Amazona vinacea*, *A. farinosa*, *A. aestiva*, *A. festiva*, *Conurus hæmorrhous*, *C. solstitialis*, *C. leucophthalmus*, *C. æruginosus*, *Phyrhura leucotis*, *Pionus fuscus*, *P. menstruus*, *Psittacus dominicensis*, *P. phœnicurus*, *P. sulfureus*; Brazil).
- ASCARIDIDÆ R. Bl., (1895) 1896b, 744.—Nev.-Lem., 1904a, 97; 1906a, 258, 259; 1912, 641.
- Ascaridiasis of liver and pancreas.—Vierordt, 1904a (d), 458.
- Ascaridiose (infection with *Ascaris*).—Guiart, 1900f, 72.—Brumpt, 1910a, 335. hepaticque Dévé, 1913, 245–248.
- Ascaridiosis.—Paz Soldan, 1911, v. 38, 7–11; v. 94 (27), 1336.
- Ascaridosis.—Verdun, 1907, 322, 326–342. hepatis Saar, 1914, 189–192, 7 pl.—Saltykow, 1900, 339–350.
- ASCARINÆ Trav., 1913, 272 (subf. of *Ascaridæ*).—F., S., & T., 1916a, 461.—Hall, 1916a, 39, 40, 42; 1916b, 521.

- ASCARIS Linn., 1758a, 644, 648 (tsd. lumbricoides) [not Ascuris Simon, 1897, *Arach.*]; 1746a, 364. [See also Ascariasis, etc.]
- (ASSAM) Campbell, 1892a, 78-80.
- (AUSTRALIA) Kreffft, 1871a, 210.
- (BERL.) Dewitz, 1899a, 91-92.—Ostertag, 1899a, 419.
- (BONN) Mayer, 1841a, 16.
- (BRIT. GUIANA) Daniels, 1910a, 71, 155.—Daniels & Stanton, 1907a, 350.
- (BUDAPEST) Mlinarich, 1832a, 13.—Oerley, 1885a, 103.
- (CAEN, FRANCE) Deslgch., 1824e, 83-112.—Vaull., 1901, 132.
- (CAIRO, EGYPT) Galeb, 1878b, 343.—Looss, 1892a, 102; 1895c, 27; 1902c, 423; 1901a, 41, 64, 100; 1905a, 18, 19, 138, 139; 1911a, 182, 188, 189, 223, 235, 246, 321, 515.
- (CAMBRIDGE, ENG.) Shipley, 1901b, 139, 163.—Shipley & Hornell, 1904, (2), in 77-106, pls. 1-4.
- (CATANIA) Addario, 1885, 144.
- (CRACOW) Kostanecki & Siedlecki, 1896a, 181-273, pls. 1-2; 1897a, 475-476; 1897b, 21-22; 1897c, 225-228.
- (DENMARK) Müell., 1774a, 34.
- (DEUTSCHLAND) Albers, 1842, 124.—Boveri, 1904, SpmG, 16-20 (Protoplasm).—Burm., 1837, 535; 1856a, 279.—Carus, 1863, 461.—Eichw., 1829a, 251.—Frœl., 1789a, 133-135.—Goldb., 1855a, 107, 110.—Gurlt, 1831a, 364.—Herbst, 1787a, 13, 21, 25.—Kautsch, 1913, v. 35, 642-691, pls. 1-2.—Kemnitz, 1912, AA, v. 42, 29-30.—Mayer, 1908, 497, 498, 506, 511, 514, 519, 524, 529, 531, 532, 533, 534, 535, 536, 537, 538, 539.—Mehl., 1831a, 91.—Moroff, 1908, 165, 170, 174.—Most, 1836a, 196.—Neum. & Mayer, 1914a, 448.—Nitzsch, 1821a, 44-49, pls. 1-2.—Nordm., 1832a, 5; 1840a, 547, 653-656.—Oehme, 1852a, 1-18.—Olfers, 1816a, 23, 61-62.—Pall., (1760) 1768a, 257.—Rauh, 1779a, 11.—Rud., 1793a, 9; 1801, 48, 54; 1802, 10; 1809a, 4, 16-17, 33-35, 124-204; 1819a, 37-60, 266-304, 585; 1829a, 481-484.—Rzewuski, 1887a, 13.—Schlossmann, 1914, 531-548.—Schränk, 1803a, 185.—Sommer, 1880b, 536-541, figs. 44-49; 1885a, 40-45, figs. 1-6.
- (DRESDEN) Kûech., 1855a, 235, 238.
- (DÜSSELDORF) Anacker, 1886, v. 3, 240; 1887b, 350; 1888c, 485; 1893i, 344.
- (EDINB.) Howison, 1823a, 250-252.
- (FRANCE) Acloque, 1914, Cosmos, v. 70, 653-655, figs. 1-3.—Assénova, 1899, 73-76.—Bail., 1866b, 29-33.—Blainv., 1828, 540-542.—R. Bl., 1888a, 661; 1895, 745.—Bosc, 1802a, 27-36.—Bourgeois d'Étamps, 1859, AMM, v. 12 (6), 469.—Brumpt, 1913a, 397.—Cuv., 1817a, 32-33.—Dastre & Stassano, 1903a, 254-256; 1903b, 220-221.—Dav., 1877a, xcvi.—Duj., 1845a, 148-154.—Frayse, 1895a, 11.—Guiart, 1911a, 245.—Hahn, 1887a, 58-60, fig. 1-3.—Hémond, 1827a, 8.—Lænnec, 1812d, 339-352.—Lam., 1801a, 338; 1816a, b, c, 206-207.—Lamoureaux, 1822b, 5-7.—Lams, 1909, AZeg, v. 41 (1), i-ix, fig. 1.—Livois, 1851a, 78-86.—Marval, 1905a, 244 (of Frisch so. Echinor.).—Moniez, 1896a, 298, 301.—Oefele, 1902a, 439, 493.—Perez, 1866a, 188, 239.—Repiquet & Salvatori, 1906a, 220.—Rousseau, 1853-34a, 298-299.—Signol, 1884, 224.
- (GIESSEN) Schneid., 1866a, 7, 11, 12, 13, 15, 23, 28, 30-48, 66, 67, 68, 107, 114, 116, 123, 191, 192, 197, 201, 227, 234, 235, 236, 239, 248, 249, 253, 259, 268, 286, 294.
- (GETT.) Linst., 1898c, in 280-291, pl. 1-2; 1899b, in 1-28; 1900b, in 362-376, pl. 1; 1901e, in 271-292, pl. 1-2; 1901, 410; 1902a, in 217-232; 1903k, in 108-121; 1903u, in 265-294, pls. 1-3; 1904d, 1-2; 1904, in 91-104; 1904o, in 484-497, pl. 1; 1905t, in 355-366; 1905bb, in 182-193, pl. 1; 1906, ZJ, v. 24 (1), 1-20, pl. 1 figs. 1-18; 1906, v. 3, in 163-188; 1907, v. 47, in 111-114, pl. 1; 1907, v. 3, in 251-259, pls. 1-2; 1907, PRSE, v. 26, 464-472, pls. 1-2 (Antarctic); 1909a, 48, 49.
- (GR. BRIT.) Aitken, 1866, v. 1, 804, 806, 842, 844, 845; 1872, v. 1, 148, 150, 152, 157, 176-177, 178.—Barbut, 1783a, 9.—Baylis, 1916, P, v. 8 (3), 360-378, pls. 14-17; (4), 411-419, figs. 1-3 (Baird's types).—Cast. & Chalm., 1910a, 4, 441; 1913a, 9, 544, 580.—Date, 1872a, 145-146, 184, 185.—Heberden, 1785a, 45, 53; 1790a, 325-326.—Joy, 1835a, 504.—Limbourg, 1767a, 124-132, pl. 1 figs. 1-5.—McIntosh, 1861a, 1-4, figs. 1-9; 1865a, 201-204, figs. 1-9.—Rollst., 1888a, 677, 678, 686.
- (GREIFSW.) Crep., 1839a, 281; 1846b, 178; 1847a, 293.

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- (IRELAND) Bellingham, 1838c, 85-87; 1844a, 167.
- (ITALY) d'Allocco, 1894, v. 16, 523, 528, 529, 531, 532.—Consoli, 1701a.—Dubini, 1843a, 5; 1844, 186.—Par., 1887b, 337; 1898a (b), 114 (13).—Pierantoni, 1913, v. 3, 35-36.
- (JAPAN) Miura & Nishiuchi, 1902a, 637-641, fig. 1.—Miura & Yamazaki, 1897a, 256.
- (KIEL) Fabr., 1794a, 37.—Schneidem., 1896a, 304, 305 (Ascaris).—Zernecke, 1895a, 43.
- (KJØBENHAVN) Abildg., 1790, 29, 45.—Rathke, 1799, 67, 77, 84.
- (KÖNIGSBERG) Askanazy, 1900a, 578.—Braun, 1883a, 161; 1895b, 26, 210, 213, 240; 1903a, 243, 244, 251, 253; 1906a, 22, 333; 1908a, 338, 341; 1913, 397; 1915a, 362.
- (LEIPZIG) Leuck., 1867b, 25, 40, 41, 55, 66, 75, 117, 118, 121, 123, 124, 153-155; 1868a, 336, 353, 354, 359, 362, 363, 364, 365, 370, 371, 380, 387; 1876a, 611, 875, 879; 1879a, 73, 158, 193, 206, 213; 1886d, 56, 66, 123, 138, 151.—Strassen, 1908f, 153-177; 1908g, 489-490.—Züern, 1882, 113, 225.
- (LILLE) Verdun, 1907a, 321, 323.
- (LOND.) Cobbold, 1883h, 82.—Owen, 1865a, 182.
- (LYON) Mathis, 1902a, 91-92; 1902b, 80; 1902c, 617; 1902d, 578-579; 1902e, 523; 1902f, 161; 1902g, 16; 1902h, 780.
- (MEMMINGEN) Huber, 1893a, in 157-239.
- (MONTPELLIER) Brug., 1791a, 40, pl. 30-32; 1792a, 131, 132, 133.
- (MOSKOW) Fisch. Waldh., 1799a, 96; 1840a, 159.
- (NAP.) Chiaje, 1825a, 9; 1833, 7.—Raf., 1815a, 151 (g. of *Scolexia*).
- (NATAL) Fuller, 1896a, 763.
- (NETHERLANDS) Pereboom, 1762; 1789, 4; 1791a.—van Phelsum, 1762, 174.—Sl. & Sw., 1912a, 313-319.
- (NIORT) Meschinot, 1845a, 67-84.
- (PADUA) Mol., 1857a, 151.
- (PARIS) Andry, 1741, v. 2, 502, 529, 530, 553, 601, 654.—Nev.-Lem., 1904a, 97; 1906a, 258, 259, 325; 1908a, 415; 1912a, 642.
- (PETROGRAD) Kholodk., 1899a, 175.—Mordw., 1908, AMz Petrograd, v. 13 (1-2), 157, 175, 187.
- (PHILA.) Dugl., 1893a, 107, 518, 571, 804.
- (PRAG) Stössel, 1844a, 7.
- (ROME) Cond.-Franc., 1898b, in 110-144, pl. 1 (of fishes).—Lepri, 1898a, 67.
- (STRASSBOURG) Valentin, 1811a, 4.
- (SWEDEN) Jägers., 1894a, 450, 453; 1897b, 9, 20, 22.—Ols., 1867a, 2; 1869b, 487, 490; 1876a, 147.
- (SWITZ.) Zsch., 1903, 128, 147.
- (TOULOUSE) Jammes, 1890b, li-iii.
- (TRIESTE) Stoss., 1896a(b), 9-120 (1-114) (monogr.); 1897c, 440-441; 1897d, 297-298; 1897, v. 4, 20; 1898, 66; 1902c, in 1-16, pls. 1-3; 1902, 61-76, pl. 1-3; 1904b, 4, pl. 1; 1904c, 246; 1907a, 167.
- (U. S. A.) Griggs, 1906, ON, v. 6, 519-527, figs. 1-12 (cytology).—Lint., 1901b, in 405-492, pls. 1-34.—Oppenheim, 1900a, 184.—Pearse, 1913, RHMS, v. 1, 714.—Rawlings, 1874a, 575-577.—Shivers, 1879a, 4.—S., F., & W., 1908a, in 283-294, pls. 1-10.—Ward, 1903, 222; 1916, 701.
- (WASH., D. C.) Hall, 1916a, 3, 39, 40, 41, 42, 53; 1916, RMv, 518.—Rans., 1904, 43, 44, 45, 46, 47, 50, 52, 53, 55, 56, 57, 63, 65, 99, 100; 1911, 127, 13, 17, 23, 24-25 (s. *Stomachida*, Fus., *Lombricoides*); 1917, JAMA, v. 68, 772-773 (1-3) (longevity out of host).—Stiles, 1891d (e), 465-466 (1-2); 1891f, 162, 163; 1901, 181; 1905a, 24; 1912, 507; 1914, MM, v. 2, 223, 271, 288, 293, 297.—Stiles & Garrison, 1906a, 5, 11, 12, 24, 53, 64, 65, 68, 70, 71, 72.—Stiles & Hass., 1899a, 99, 103, 106, 107, 116, 117, 122, 124, 125, 161, 164; 1905b, 88.—Stitt, 1910a, 232, 245.
- (WIEN) Brems., 1824a, 127-129.—Dies., 1851a, 19 (of *Fisch* so. *Echinor*), 158, 299 (of *Goze* pars so. *Doch.*); 1861a, 715 (pars so. *Doch.*);—Eiss, 1838a, 28.—Hartm. & Prowazek, 1907, 321.—Slawikowski, 1819b, 8, 65.
- (WÜRZBURG) Koell., 1843a, 85-88.

ASCARIS—Continued.

- (MISCELLANEOUS) Balss, 1908, 278 (Acaris).—Blochhoff, 1840, 242.—Browne, 1756, 382.—Buchhave, 1791a, 406.—Coulet, 1729a, 5, 15, 37.—Edelmann, [1902], 1903, 216.
- (MISCELLANEOUS) F., S., & T., 1916a, 21, 461, 656.—Goldsmith, 1908, 562–563.—Günth., 1858, 202.—Hirschler, 1912, 526–528.—Johnson's New Univ. Cyclo., ? v. 1, 285–286.—Martini, 1908, 558.—Omèny, 1896, 516.—Shaw, 1901, 125, 142, 145, 146, 645.—Sjöbeck, 1830a, 9.—Skrj., 1916, 44–45; 1916, 484.—Spieth, 1914, 117–126, fig. 1.—Warming, 1879, v. 26 (6), 450–469, figs. 1–2.—Westwood, 1851, 645.—Wilmsen, 1821, v. 3, 14.
- Anatomy, "buschelförmige Organe": (SWEDEN) Jägers., 1898a, 737–741, 785–793, figs. 1–6.
- , cuticle: (AUSTRALIA) Cleland & Johnst., 1912, Rep. 13 Meet. Austr. Ass. Adv. Sc., 299–300, fig. 1.
- , digestive apparatus: (TOULOUSE) Jammes, 1890b, li–lii.
- , excretory system: (CAMBRIDGE) Shipley, 1897b, 342.
- (GIESSEN) Spengel, 1897a, 245–248; 1897b, 427–430; 1897c, 388 (see Nassonov).
- (WARSAW) Nassonov, 1897d, 203–205, figs. 1–3; 1897e, 289; 1897f, 412–415; 1898b, 48–50; 1898c, 198; 1898i, 264.
- , intestine: (DEUTSCHLAND) Ehrlich, 1909, AZ, v. 3, 81–123, pls. 1–3 figs. 1–2 (epithelial cells).
- , lymphatic glands: (WARSAW) Nassonov, 1897g, 524–530.
- , muscles: (BRESLAU) Rohde, 1892d, 69–106, pls. 1–6 (and nerve); 161–192, pls. 1–4; 1893a, 493–494.
- (DEUTSCHLAND) Apáthy, 1893, 33–73, 319–361; 1894, 886–911, pl. 36 (fibres).—Bilek, 1909, ZwZ, v. 93 (4), 625–667, figs. 1–20 (and intestine); 1910, AA, v. 36 (1), 17–25, figs. 1–3; 1910, AA, v. 37 (2–3), 67–78, figs. 1–10; 1910, CaeB, v. 1 (6), 182 (fibrillare Struktur).
- (FRANCE) Baillon, 1911, Cellule, v. 27, 163–213, figs. 1–3 (fibres parietales).—Gilson & Pantel, 1894a, 724–727, figs. 1–2; 1894b, 685.
- (FRANKFURT A. MAIN) Büetsch., 1892a, 328–336, pl. 34 figs. 1–9 (feinere Bau der contractilen Substanz).
- (MÜNCHEN) Goldschmidt, 1909, AZ, v. 4, 81–119, pls. 1–4 figs. 1–3.
- , nervous system: (DEUTSCHLAND) Apáthy, 1907, ZA, v. 32 (12–13), 381–385.
- (FRANCE) Rouville, 1910, AZeg, v. 5, lxxxi–xcviii; v. 6, xx–xlvii, figs. 1–34; 1911, *ibid.*, v. 7, xxviii–xlix, figs. 1–15; 1911, *ibid.*, v. 8, cii–cxxxiii, figs. 1–27.
- (MÜNCHEN) Goldschmidt, 1904, BC, v. 24, 173–182, figs. 1–2; 1904, ZC, v. 11 (11–12), 380; 1904, JRMS, (4), 416 (radially striated ganglion cells); 1907, VdzG, v. 17, 130–131; 1908, ZA, v. 32 (19), 562–563 (Neurofibrillen).
- (PETROGRAD) Deineka, 1907, BAiS, v. 1, 511–529; 1908, ZwZ, v. 89, 242–307, pls. 1–9, figs. 1–7; 1908, JRMS, (184), 322–323; 1912, TSN, v. 42 (2), in 1–259, figs. 1–57; 1913, CaeB, v. 4 (5–6), 215.
- (TOULOUSE) Jammes, 1891a, xxxix.
- , oesophagus: (EGYPT) Looss, 1896a, 5–13; 1901, 28 (oesophageal glands).
- , "organes phagocytaires": (WARSAW) Nassonov, 1898h, 170–179, figs. 1–5.
- , reproductive system: (DEUTSCHLAND) Hirschler, 1913, AZ, v. 9 (3), 351–398, figs. 1–41 (mitochondria in sex-cells).—Kautzsch, 1912, AZ, v. 8, 217–251, pls. 1–2 figs. 1–43; 1913, AZ, v. 11 (3), 487–488 (sex-cells).—Zach., 1912, ZA, v. 40 (13), 400–415.
- (JAPAN) Katsuki, 1914, AZ, v. 13 (1), 92–118, figs. 1–23c (quantitiven Wandlungen des Chromatins in den Geschlechtszellen).
- (MARBURG) Harms, 1906, ZA, v. 30 (15), 487–488 (abnormality).
- (MÜNCHEN) Balss, 1906, ZA, v. 30 (15), 485–487; 1907, JRMS, (1), 45.
- (PAVIA) Sala, 1904a, 874–887, figs. 1–7; 1904b, 301–317, figs. 1–7; 1904c, 654; 1905a, 168–169; 1907a, 155 (epithelial cells of oviduct and spermatid duct).
- (PRAG) Vejd., 1912, VeSNTmp, (19), 1–8, figs. 1–2 (mitochondria in sex-cells).
- (U. S. A.) Wildman, 1913, S, v. 37, 455–456 (mitochondria in sex-cells).
- (WARSAW) Lukjanow, 1889a, 397–408, figs. 1–30; 1890a, 41–42 (dog).
- , Rhachis: (DEUTSCHLAND) Marcus, 1905b, 479–482, figs. 1–3; 1906a, 177–Mayer, 1906a, 289–297, figs. 1–6; 1906, JRMS, (173), 444; 1906, ZC, v. 13 (15–16) 499–500.

ASCARIS, associated with—

- Cachexia, ictero-verminous: (TURIN) Perronc., 1907f, 11-17.
 Fever: (ITALY) Demateis, 1892a, 191-199; 1892b, 653-660; 1892c, 108.
 Meningism: (LAUSANNE) Taillens, 1906a, 409-422; 1906b, 345; 1906c, 727.
 Paludism: (FRANCE) Gros, 1904, Caducée, v. 4, 258; 1904, MR, v. 66 (18), 710; 1905, AST, v. 9 (4), 183-184.
 Pneumonia (à forme appendiculaire): (FRANCE) Lassalle, 1914, AME, v. 17, 607-609.
 Typhus: (POLAND) Pelczynski, 1888a, 61-62; 1889a, 287-288 (formation of tumor). (PARIS) Jerinici, 1908, ČrSB, v. 65, 276; 1908, BIP, v. 6 (7), 799.

ASCARIS.

- Bibliography: (DEUTSCHLAND) Huber, 1893a, 157-239 (clinical).
 Biology: (BERL.) Kühn, 1811, RNWgn, v. 1 (3), 268-269 (viviparous). (FRANCE) Lab., 1887b, 1593-1595; 1888b, 45. (TURIN) Perronc., 1912, BAM, v. 67, 167-170; 1912, Pm, v. 20 (17), 180; 1912, Cv, v. 35 (19-22), 966-970; 1912, 1-4; 1912, GrAM, v. 18, 74-76; 1913, CfB, v. 57 (5), 143-144.
 Classification: (GR. BRIT.) Bellingh., 1838c, 85-87.

ASCARIS, as cause of—

- Colic: (DEUTSCHLAND) Kalkoff, 1899a, 434-435; 1900a, 293 (fatal).
 Conjunctivitis: (DEUTSCHLAND) Dorff, 1912, KMA, v. 14, 670-684; 1913, BkW, v. 50 (4), 177; 1914, DtW, v. 22 (26), 416.
 Cough: (ITALY) Barnabo, 1909, Co, v. 11, 346-351.—Gargiulo, 1909, Co, v. 11, 248-249. (LOND.) Liston, 1905a, 226-227; 1905b, 269; 1905c, 207-208; 1906, Jan. 5, 612.
 Diarrhoea: (BENGAL, INDIA) Mitra, 1895a, 567 (fatal).—Wrafter, 1898b, 245; 1898c, 939. (FRANCE) Gallet de Santerre, 1913, AHMc, v. 16 (2), 452-454; 1913, TDB, v. 2 (12), 636.
 Enteralgia: (FRANCE) Lemoine, 1910, Pm, v. 18 (48), 444.
 Enteritis: (AUSTRIA) Arnold, 1856, 77-79 (hyperæmia cerebri). (PARIS) Halma-Grand, 1856a, 202-203 (hemorrhagia, intestinal, with symptoms of asphyxia).
 Epilepsy: (DEUTSCHLAND) Riff, 1912, BkW, v. 49 (29), 1398; 1912, DmW, v. 38 (38), 1813. (LOND.) Taylor, 1915, VR, v. 28, 235 (in puppy).
 Fever and convulsions: (GR. BRIT.) Duprey, 1903, L, v. 2 (24), 1649-1650; 1904, DmW, v. 30 (1), 40; 1904, NYMJ, (1309), 29-30; 1904, CPA, v. 15 (18), 770.—Grant, 1903a, 119.—Wilkinson, 1903a, 979.—Worth, 1903a, 1052.
 Hypothermy (nocturnal): (YUCATAN) Ayuso y O'Horibo, 1915, RmY, v. 10 (12), 172-179; 1916, TDB, v. 7 (6) 360.
 Ileus: (NEUCHÂTEL) Descoedres, 1909, Smn, June 10; 1910, Pm, v. 18 (1), 6; 1910, AiC, v. 4, 577-592.
 Intestinal obstruction: (BREDWARDINE, HEREFORD) Marston, 1896a, 810-811 (and chronic enteritis). (DEUTSCHLAND) Ruland, 1913, TdG, v. 54 (3), 1913, DmW, v. 39 (14), 668-669. (FRANCE) R. Bl., 1899, AdP, v. 2, 634-635, fig. 1. — Porot, 1904a, 300-306; 1904b, 262-267; 1904c, 561; 1904d, 1082-1083; 1904e, 93-94 (intestinal invagination, fatal). (GENOA) Donzella, 1909, ASISn, v. 20, 58-60. (KÖLN) Fuhrm., 1915, Festschr, 10j. Best. Akad. f. pr. Med., 738-740. (PRAG) Doberauer, 1914, PmW, v. 39 (17), 197-198; 1914, DmW, v. 40 (21), 1079; 1914, CfB, v. 62 (9), 266; 1914, MmW, v. 61 (32), 1787. (U. S. A.) Nason, 1904a, 1145; 1904b, 1691.
 Meningismus: (YUCATAN) Correa Aloy, 1911, RmY, v. 7, 29.
 Oedema of the brain: (STUTTGART) Bubenhofer, 1889a, 204.

ASCARIS, as cause of—Continued.

Peritonitis: (BILBAO) Aparicio, 1913, GmN, v. 19, 204-207.

(BROOKLYN) Ferris, 1902a, 406.

(FRANCE) Broca, 1904, RmME, 385; 1904, Dec. 20, 2312; 1905, CmW, v. 43 (52), 875.

(RUSSIA) Lyubarski, 1914, VmJ, v. 240, 233.

(UPSALA) Nystrom, 1904a, 304-315; 1905a, 171 (ileus).

(MISCELLANEOUS) Gendrot, 1905, Sept. 1, 631; 1905, Sept. 16, 879-880.

Regurgitation and vomiting: Gallier, 1904.

Suffocation: (MILAN) Donati, 1878a, 462-467.

Superexcitation of sexual organs: (FRANCE) Raspail, 1838a, 559, 563-564; 1839d, 199-204.

Tetanus: (NORWAY) Buchholz, 1903, NML, 1903, MmW, v. 50 (30), 1308-1309; 1904, ZFM, v. 14 (10), 344.

Tympanitis: (BERN) Demme, 1889a, 45-49; 1891a, 1-88, pl. 1; 1892a, 410-411; 1892b, 52.

Typhlitis: (ITALY) Aymaretti, 1905, Gmi, v. 56, 195-197.

(PARIS) Gouraud & Martin-Durr, 1893a, 754-755.

Urticaria: (ITALY) Bussano, 1911, Cv, v. 34 (8), 337-351.

(MISCELLANEOUS) Cesarini, Rm, (10); AK, v. 24, 275.

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(Cytology: (CRACOW) Hirschler, 1910, BiAS, ser. B, 638-645; 1911, CaeB, v. 2 (13-15), 332-333; 1912, ICZ, 932-936; 1912, AA, v. 41, 526-528.—Kostanecki & Siedlecki, 1896a, 181-273, pls. 10-12 (centrosomes); 1897a, 475-476; 1897b, 21-22; 1897c, 225-228; VaG, 10 Vers., 21-22.

(DEUTSCHLAND) Boveri, 1910, FH, v. 3, 131-214, figs. 1-24.—Fick, 1909, AZ, v. 3 (3), 521-523 (chromosomes).—Goldschmidt, 1904, ZJ, v. 21, 41-134, pls. 1-6 figs. 1-16; 1904, BC, v. 24, 241-251 (Chromidialapparat).—Kautsch, 1911, VdzG, v. 20-21, 215-219 (Richtungskörper).—Perthes, 1904a, 632-634, 668-670, figs. 1-4.—Strassen, 1901a, 134-161; figs. 1-10.

(NORWAY) Bonnevie, 1913, AZ, v. 9 (3), 433-457, figs. 1-7 (chromosomes).

(U. S. A.) Edwards, 1910, S, v. 31, 514-515 (sex-determining chromosomes).

Development: (FRANCE) Jammes & Martin, 1907, CrAS, v. 143, 67-70; 1907, JRMS, (5), 555; 1908, CrSB, v. 65, 123-124.

(GR. BRIT.) Haslam, 1895a, 153-157.

(HUNGARY) Rossa, Al; 1911, VR, (1194), 742-743.

(ITALY) Grassi, 1887e, 131-132; 1888p, 748-749; 1888q, 673-674.

(LEIPZIG) Strassen, 1895a, 83-96.

Eggs: (BELGIUM) Cerf., 1913, ZwMmT, v. 29 (3), 305-309.

(DEUTSCHLAND) Boveri & Hogue, 1909, SpmG, 44-48, figs. 1-5 (Teilung). Boveri & Stevens, 1904, ZA, v. 27 (12-13), 406-417 (Entwicklung dispermer Eier).—Geinitz, 1915, AZ, v. 13 (4), 588-633, fig. 1, pls. 38-40 figs. 1-71b.—Meves, 1910, AA, v. 36, 609-614 (fertilization).

(FRANCE) Bataillon, 1900a, 435-437; 1904, 5 (resistance osmotic and pressure).—Chevrotot & Fauré-Fremiet, 1913, CrAS, v. 156 (10), 815-818 (division).—Drz., 1909, Rs, v. 47 (13), 402-403 (ultra-violet rays).—Fauré-Fremiet, 1913, CrSB, v. 75 (27), 89-92 (segmentation).

(ITALY) Fumagalli, 1907, GrSAvi, 657; 1908, ZFM, v. 18 (11), 369.—Mondino & Sala, 1889a, ix-xi; 1889b, 1456-1457; 1890a; 1890b, 9-28, figs. 1-17 (maturation & fecundation).

(LEIPZIG) Erlanger, 1896a, 136-139 fig. 1 (Beiruchtung). Strassen, 1898, AEO, v. 7 (4), 642-676, pls. 16-17 figs. 1-32.

(LOUVAIN) Carnoy, 1886b, in 1-103, pls. 5-8; 1887a, 92 (ovogenesis).

(PARIS) Rev. sc., 1909, v. 47 (10), 310-311 (& pollen grains).

(U. S. A.) Painter, 1914, PSEBM, v. 12 (3), 62-64; 1915, JEZ, v. 19 (3), 355-385, figs. A-P, pls. 1-3 figs. 1-17 (effect of carbon dioxide).

Embryo: (DUTCH INDIA) Sw., 1913, GTNI, v. 53 (5), 672-674; 1914, TDB, v. 3 (6), 296-297.

(LEIPZIG) Strassen, 1896a, 426-433.

(U. S. A.) Stiles, 1891d (e), 465-466 (1-2); 1891f, 162-163 (tooth).

ASCARIS—Continued.

- Embryology: (FRANCE) Jammes, 1892c, 71-85 (feuilletts blastodermiques).
 (HEIDELBERG) Samassa, 1898a, 1-16 (effect of gases).
 Eosinophilia: (DRESDEN) Heller, 1913, 1-46; 1914, ZV, v. 26 (3), 151.
 (PARMA) Radaeli, 1905a, 363-367.
 Erratic or present in: (LEIPZIG) Tschernomor-Sadernowski, 1893a, 223-224.
 (NEW YORK) Page, 1906a, 137-138; 1906b, 151.
 —, alimentary tract: (HUNTSVILLE, TEXAS) Rawlings, 1874a, 575-577.
 —, anus: (PARIS) Lebas, 1760a, 273-279 (see Vandermonde, 1760, 280).
 (MISCELLANEOUS) Ledel, 1697-98a, 503.
 —, biliary ducts: (CREMONA) Monteverdi, 1898a, 217-226.
 (DEUTSCHLAND) Hoimeister, 1910, DmW, v. 36 (33), 1548.—Pflugradt, 1914, DmW, v. 40, 227-228.—Sick, 1901a, 1-34.
 (ITALY) dalla Valle, 1915, GdO, v. 36, 468-470; 1915, JAMA, v. 64 (22), 1883.
 (MÜNCHEN) Clemm, 1903, MmW, v. 50 (6), 263; 1905, April 12, 175; 635 (with clinical picture of liver colic).
 (ROME) Marchiafava, 1895a, 547; 1895b, 642; 1895c, 234.
 (WEBSTER CITY, IOWA) Pond, 1904a, 484-488 (simulating gallstone seizures).
 (WIEN) Flögel, 1835a, 567-570.—Zepuder, 1865a, 505-506.
 (WÜRZBURG) Seifert, 1908a, 563.
 —, Ductus choledochus: (CREMONA) Monteverdi, 1889a, 217-226.
 (DEUTSCHLAND) Neugebauer, 1903a, 584-591; 1904a, 461 (choledochotomy).—Fertig, DZC, v. 114 (4); 1912, MmW, v. 59 (24), 1338 (choledochotomy).
 (FRANCE) Chrétien, 1909, ROSvs, 191 (in swine).
 —, feces: (BALTIMORE) Simon, 1896a, 192; 1897a, 224; 1907a, 305.
 —, genito-urinary system: (BERL.) Frank, 1804a, 112-113 (dog).
 (CORDOVADO) Termini, 1872c, 1102-1103.
 (METAXIA) Radicchi, 1840a, 79-80.
 (WÜRZBURG) Seifert, 1908a, 567.
 —, intestines: (AUSTRIA) Felder, 1908, TC, v. 31 (26), 413-414; 1908, WTV, v. 52 (43), 805 (in den Arterien).
 (GR. BRIT.) Hillyer, 1892a, 773-774; 1892, 550 (fatal).
 (ITALY) Novaro, 1914, Pol., v. 21 (12); 1914, JAMA, v. 62 (18), 1444 (invagination).
 (PARIS) Gaultier, 1909, Pm, v. 17 (56), 500-501, figs. 1-2 (simulating ulcer of stomach).—Morot, 1898a, 515-517 (odor in meat); 1898b, 871-872; 1898d, 490.—Robert, 1803a, 232-238.
 —, —, perforation: (DEUTSCHLAND) Botoff, 1897, JCTi (10); 1897, AK, v. 24, 153.—Plew, 19, AK, v. 62 (1-2); 1914, BkW, v. 51 (4), 170; 1914, DmW, v. 40 (21), 1083; 1914, MR, v. 86 (26), 1102.
 (FRANCE) Ginieis, 1905, Mar., 23; 1905, Apr., 30; 1905, May, 299-300; 1905, June, 131-133; 1905, November, 413, 610-611; 1905, Dec., 296; 1905, 158-164.—Guiart, 1911a, 255.
 (HUNGARY) Orsós, 1907a, 236-238; 1907b, 653-654; 1908, MR, v. 72 (4), 154.
 (ITALY) Solieri, 1902a, 280-283; 1902b, 49; 1902c, 152; 1902d, 613; 1902e, 718.
 (PARIS) Moussu, 1905a, 502-504; 1906a, 225-232; 1906b, 401-402; 1906c, 359-361.
 (PAVIA) Sangalli, 1878a, 247-250.
 (PHILA.) Omény, 1896, VM, v. 3 (8), 516.
 (RUSSIA) Vishnevsky, 1884a, 481-482 (chorea).
 (SPAIN) Torres Casanovas, 1914, RMC, v. 28, 46-49.
 (VIENNE, FRANCE) Mondière, 1838a, 65-78; 1839a, 233-237.
 (WÜRZBURG) Seifert, 1908a, 524.
 —, liver: (CREMONA) Monteverdi, 1889a, 217-226.
 (DEUTSCHLAND) Fülleborn, 1905, MmW, v. 52, 2393-2394; 1908, AST, v. 12, 638-639, figs. 1-3; 1908, BkW, v. 45 (45), 2032.—Kuppelmayr, RGgF, v. 8, 70, fig. (swine).—Ortmann, 1891a, 203; 1892a, 675.—Remmler, 1913, BtW, v. 29 (49), 880-881.—Saltykow, 1900a, 339-350, pl. 15; 1902a, 349.

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Erratic or present in, liver—continued.

- (GREIFSW.) Høehler, 1895a, 1-27 (abscess).
 (INDIA) Dutt, 1905, IMG, v. 40 (4), 140.
 (INDO-CHINA) Degorce, 1912, BSmcIC, v. 3, 664-666, pls. 1-2; 1912, Pm, v. 20 (103), 1049; 1913, TDB, v. 1 (8), 437 (multiple abscess).—Le Roy des Barres, 1913, BSmcIC, v. 4 (7), 329-330; 1913, TDB, v. 2 (12), 635.
 (PRAG) Saar, 1904a, 189-192; 1904b, 549-550.
 (RUSSIA) Nowicki, 1913, GL, (35); 1913, Pm, v. 21 (95), 960; 1913, CPA, v. 24, 295-296, fig. 1; 1914, AST, v. 18 (19), 676.
 (TUEBINGEN) Vierordt, 1904a, 209-246, figs. 1-3; 1904b, 987-988; 1904c, 1859; 1904d, 458; 1905b, 174.
 (WIEN) Flögel, 1842a, 991-993.
 —, lungs: (CZERNOWITZ) Lucksch, 1905a, 377-379; 1905b, 819; 1905c, 686; 1905d, 460; 1905e, 37; 1905f, 522; 1906, CPA, v. 17 (2), 64 (embolism of artery).
 (SWEDEN) Modeer, 1789a, 187 (pig).
 —, mouth: (WUERZBURG) Seifert, 1908a, 566.
 —, muscle: (FRANCE) La Peyre, 1785a, 375-386 (nach Psoas abscess).
 (NEW YORK) Pagea, 1906a, 137-138.
 —, nose: (PARIS) Littré, 1730a, 42-45.
 (WUERZBURG) Seifert, 1908a, 565.
 —, œsophagus: (ITALY) Maraglio, 1857a, 137-140 (acute dysphagia).
 —, pancreas: (DEUTSCHLAND) Murova, 1912, DZC, v. 119, 21-30, pl. 1; 1912, DmW, v. 38 (47), 2236; 1912, MmW, v. 59 (52), 2880 (Fremdkörper tuberkel).
 (PARIS) Rail. & Morot, 1893a, 407-408; 1893b, 1; 1893c, 381; 1894a, 561.
 (TUEBINGEN) Vierordt, 1904a, 209-246, figs. 1-3; 1904b, 987-988; 1904c, 1859; 1904d, 458; 1905b, 174.
 (WUERZBURG) Seifert, 1908a, 565.
 —, peritoneal cavity: (CREMONA) Monteverdi, 1889a, 217-226.
 (DEUTSCHLAND) Sehrt, 1906a, 699-713, pls. 1-3; 1906b, 2047; 1907a, 183-184; 1908a, 667-668.
 (LAIBACH) Kovatsch, 1872a, 490-492.
 (LOND.) Pillers, 1912, VN, v. 9, 604-605.
 (RUSSIA) Hamburger, 1910-11, TPIKmo, v. 47, 242.—Joffe, 1911, RV, v. 10, 1506-1508; 1911, DmW, v. 37 (49), 2301.
 —, pleural cavity: (HEILBRUNN) Müell., 1872a, 448-451 (pneumothorax).
 (ITALY) Mori, 1907, Mz (21); 1908, CfB, v. 41 (19-21), 668.
 —, trachea: (DEUTSCHLAND) Emmert, 1860, M, v. 5, 103.
 (NAP.) Moscucci, 1898a, 124-127 (asphyxia and death).
 (SWITZ.) Heusser, 1892a, 443; 1892b, 273-274 (fatal).
 (WUERZBURG) Seifert, 1908a, 566 (Kehlköpfe).
 —, tube de Froin: (PARIS) Reubsæet, 1907a, 840.
 —, umbilicus: (IPSWICH) Hamilton, 1786a, 372-377; 1788a, 1069.
 (KOBLENZ) Hecking, 1842a, 80.
 —, urine: (BALTIMORE) Simon, 1896a, 459; 1897a, 510; 1907a, 586.
 (JENA) Kühn, 1798a, 1-18.
 (NUREMBERG) Hannemann, 1687a, 85.
 —, uterus: Beckers, 1678a, 121-122.—Fabri, 1691, MAnc, 457-458.
 Ferments: (DEUTSCHLAND) Abderhalden, 1911, ZpC, v. 74, 409-410; 1912, CfB, v. 52 (18), 548.—Klug, 1907, AiP, v. 5, 297-317.
 Geschichte: (HEILBRUNN) Hahn, 1858a, 162-164.
 Histology: (DEUTSCHLAND) Goldschmidt, 1906, ZA, v. 29, 719-737, figs. 1-13; 1906, ZC, v. 13 (15-16), 498-499.
 (FRANCE) Jammes, 1890a, 65-66.
 In egg of chicken: (ITALY) Pavesi, 1893a, 101-109, figs. 1-4; 1893b, 467; 1894a, 108.
 (TORINO), Benci, 1880b, 416-417.—GMv, 1880, v. 29 (5), 318.

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- Metabolism: (DEUTSCHLAND) Weinl., 1901b, 55-90; 1902a, 490-502; 1902c, 365-366; 1902f, 451-452; 1904a, 517-531; 1905, AN, v. 64, v. 2 (3), 29.
- (WÜRZBURG) Seifert, 1908a, 517.
- Outside of body: (DEUTSCHLAND) Hintze, 1780a, in 1-53; 1793a, 473-475.
- (FRANCE)—Lab., 1882, BSMH, v. 19, 270, 276 (not *Ascaris*).
- Pathology: (DEUTSCHLAND) Berndt, 1829, EWmW, v. 3, 484-486 (and therapy), (HOLLAND) van Phelsum, 1769a.
- (ITALY) Slaviero, 1914, GdO, v. 35, 1075-1077; 1081-1088; 1914, JAMA, v. 63 (15), 1334.
- (LOND.) Murie & Baird, 1868a, 67-71 (walrus).
- (RUSSIA) Shevelev, 1895a, 52-54.
- Serum: (FRANCE) Rubinstein & Julien, 1913, CrSB, v. 75, 180-182 (horse).
- (ITALY) Ghedini, 1907, v. 13, 58 (antibodies).
- Spermatozoa: (DEUTSCHLAND) Marcus, 1906, BC, v. 26, 427-430; 1906, ZC, v. 13 (19-20), 611; 1907, Cfp, v. 21 (13), 432; 1907, JRMS, (1), 46 (Beweglichkeit).
- (GIessen) Leuck., 1854d, 1-46, pl. 1.
- (RUSSIA) Tretiakov, 1914, AmA, v. 85, (3), 135-203 fig. 1, pls. 11-13 figs. 1-31; 1914, JRMS, (5), 452-453 (intrauterine development).
- Strangulationsmarke: (DEUTSCHLAND) Ebstein, 1904, DAKM, v. 81 (5-6), 543-550, figs. 1-2; 1904, AM, v. 8 (24), 1024; 1905, CPA, v. 16 (3), 112; 1905, CSV, v. 6 (2), 59; 1907, DAKM, v. 88, 596-597; 1907, DmW, v. 33 (7), 279 (diagnostic importance).
- (WÜRZBURG) Seifert, 1908a, 563.
- Surgery: (BALTIMORE) Stavelly, 1894a, 371-376.
- (DEUTSCHLAND) Müell., L., CGMC, v. 12 (3), 81-128; 1909, JAMA, v. 52 (16), 1299.
- (JAPAN) Miyake, 1908, AkC, v. 85, 325-342, fig. 1; 1908, MmW, v. 55 (9), 471; 1908, TG, v. 32, v. 24 (9), 667-668; 1908, HR, v. 18 (22), 1347; 1909, CPA, v. 20 (5), 215-216; 1909, Cfb, v. 44 (5), 147.
- Symptoms: (BUDAPEST) Szinessy, 1904a, 852.
- Toxicity: (DEUTSCHLAND) Flury, 1912, MmW, v. 59 (10), 564; 1912, DmW, v. 38 (16), 784; 1912, BkW, v. 49 (11), 527-528; 1912, AePP, v. 67, 275-292; 1912, 1-118; 1912, SpmG, 14-16; 1912, MmW, v. 59 (16), 888; 1914, *ibid.*, v. 65 (37), 872-873.—Goldschmidt, 1910, MmW, v. 57, 1991-1992; 1910, MR, v. 78 (16), 689; 1911, VN, v. 8, 39-40.—Spieth, 1914, ApAP, v. 215 (1), 117-126, fig. 1.—Zirker, 1912, MtW, v. 56 (50), 890.
- (ITALY) Aless. & Paolucci, 1909, AIs, v. 19 (4), 497-542, figs. 1-5; 1910, Cv, v. 33 (2), 27-28; 1910, BIP, v. 8 (8), 357-358; 1910, Cfb, v. 46 (16), 498-499; 1910, CPA, v. 21 (14), 640; 1910, T, v. 49 (2), 42.—Consentino, 1904, SAB, v. 58 (3), 530-534.—Eguerrini, 1913, AB, Milan, v. 64 (4); 1913, BMJ, v. 1; 76.—Guer-rini, 1910, SAB, v. 64, 549-580, pl. 1; 1911, JFTC, v. 40, 1239; 1911, AiB, v. 55 (2), 283-297, figs. 1-5; 1911, FM, v. 29 (6), 137; 1911, CPA, v. 22 (10), 450.—Radæli, 1905b, 773-776; 1905c, 1084 (pseudo-epilepsy).
- (PARMA) Cattaneo, 1903, AmcP, Mar.; 1903, Biochem. Centralbl., v. 1 (22-23), 806; 1904, CiMP, (14), 961-962.
- Toxine: (BERN) Dobernecker, 1912, Diss., 1-37; 1912, A1, v. 35 (38), 452.
- (FRANCE) Weinberg & Julien, 1911, CrAS, v. 152, 1030-1032; 1913, HVL, v. 7 (5), 225-244, figs. 1-2; 1913, CrSB, v. 74 (20), 1162-1163 (accidents mortels chez un cheval).
- See also: *Stomachida*, *Fusaria*, *Askaris*, *Lombricoides*, *Ascoria*, *Acaris*.
- acanthocauda* Linst., 1903u, 275 for *acanthocaudata*; 1904a, 11.
- acanthocaudata* Cobbold, 1858b, 160, pl. 31 figs. 24-26 (in *Lota molva*; (Edinb.).—Dies., 1861c, 278 (in L. m.: E.).—Lint., 1901b, 410, 476 (in *Melanogrammus æglefinus*).—Stoss., 1896a, 82 (76) (in intest. L. m.).
- acanthura* Leuck., 1842a, 42-43 (in *Sorex tetragonurus*; by Leuck.).—Crep., 1844a, 133 (in S. t.).
- acanthura* Dies., 1851a, 591 (*spinicauda* Dies., 1851a, 188, renamed).
- acerinæ* Linst., 1878b, 240-241, fig. 30 (larva in *Acerina cernua*; Ing.); 1887d, 107.—Hofer, 1904a, 228 (in A. c.).—Stoss., 1896a, 54 (48).

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- acicula* Brug., 1791a, 94-95, pl. 30 figs. 19-21 (in *pulmone ranarum*; Gœze, 1782a).—Dies., 1851a, 187 (so. *nigrovenosa*).—Rud., 1809a, 148 (so. n.)
- acicularis* Pall., 1781a, 72 (*pollicaris*, renamed) (in *Equus cab.*; Holland).
- acipenseris* Linst., 1883a, 278 (host apparently *Acipenser*; Turkestan); 1886c, 4.—Stoss., 1896a, 54 (48) (*esofago*, A. sp.; T.).—Also reported for *A. sturio*.
- aculeati* Linst., 1884a, 130-131, pl. 8 figs. 9-10 (larva in *Gasterosteus aculeatus*; by Linst., Ing.); 1887d, 107 (in G. a.); 1909a, 54 (in G. a., *Trutta salar*).—Hofer, 1904a, 229 (in G. a.).—Stoss., 1896a, 54-55 (48-49).
- acuminata* Schrank, 1788a, 12 (in frogs; Gœze, 1782a, 101, pl. 4 figs. 4-9).—Bagge; 1841a.—Bellingh., 1844a, 169.—Ben., 1858a, 1861a, 282.—Braun, 1883a, 187.—Cobbold, 1858b, 162 (in *Rana temp.*), 163 (in *Lissotriton punctatus*, Edinb.).—Dies., 1851a, 152-153 (s. *subulata*, *bufonis* Gœze, ani Schrank, *ranæ* Gmel., *salamandre*, *brevicaudata*) (in *Dendrohyas viridis*, *Phrynohyas tschudii*, *Calamites luteus*, R. t., *Pelophylax escul.*, *Phryne vulg.*, *Docidophryne aqua*, *Leptodactylus sibilatrix*, *Pelobates fuscus*, *Bombinator igneus*, *Salamandra atra*, *S. maculosa*, *Triton cristatus*, *Tropidonotus natrix*, *Anguis fragilis*; Brazil, Europe).—Duj., 1845a, 227-228.—Eberth, 1863a, 64, 66, 67.—Fisch., 1840a, 154.—Galeb, 1878b, 348, 350.—Hempr. & Ehrenb., v. 11.—Knoch, 1862e, 101.—Kœll., 1843a, 73, 74, 75, 81, 85, 89; 1843, 101-136, v. 1; pl. 6 fig. 27.—Lam., 1816, 208.—Leuck., 1867b, 77, 89, 137, 138, 139, 140, fig. 71.—Martini, 1906a, 706.—Mayer, 1841a, 15, 16.—Nordm., 1832a, 18; 1840a, 654 (s. *subulata*, *ranæ*).—Oken, 1815a, 199.—Olfers, 1816, 62.—Olss., 1869b, 482.—Pag., 1857a, 40.—Perez, 1866a, 277, 288, 289.—Probstmayr, 1865b, 178.—Rail. & Henry, 1916, CrSB, 249 (type of *Aplecta*).—Reichert, 1847, 115-144, pl. 5 figs. 1a-e.—Rud., 1802a, 18 (s. *ranæ*); 1809a, 136-137; 1819a, 40, 793 (in *R. temp.*, *R. arborea*).—Schneid., 1866a, 30, 66, 107, 272.—Sieb., 1842, 349, 351; 1845, 213-215.—Stoss., 1898, 80.—Walter, 1866, 69.—Wedl, 1850, 17.
- acus* Bloch, 1779a, 544-547 (in Hecht): 1782a, 30-31 (in Hecht, *Silurus glanis*, *Vultur albicilla*, *Falco subbuteo*, *Otis tarda*, *Anas fuligula*; by Bloch).—Aitken, 1866, 845; 1872, 151.—Anacker, 18931, 344.—Baird, 1853a (=truncatula).—Bellingh., 1844a, 170.—Ben., 1866a, 210.—Bennet & Olivier, 1826a, 19 (in *Esox belone*).—R. Bl., 1887e, 167 (s. *Trichina cyprinorum*).—Bojanus, 1821a, 190, pl. 3 fig. 56.—Braun, 1883a, 148; 1891, 111.—Carus, 1884, 169.—Dies., 1851a, 156 (*albicillæ*) (of Bloch so. *depressa*), 161 (of Müell., so. *aucta*), 162 (of Gœze so. *truncatula*), 193 (of Bloch so. *fuligulæ*), 202 (of Bloch so. *siluri*), 185-186 (s. *seta* Müell., *boa* Schrank) (in *E. lucius*, *Belone acus*, *Clupea harengus*, *Salmo trutta*): 1861a, 278, 289, 666 (in B. a.).—Duj., 1845a, 186, 213-214.—Gmel., 1790a, 3037.—Gœze, 1782a, 90.—Fisch., 1840a, 155.—Gmel., 1790a, 3037.—Herbst, 1787a, 26.—Hofer, 1904a, 228, 271 (in *Trutta trutta*, *Cobitis fossilis*, *Esox lucius*, *Leuciscus rutilus*, *Blicca björkna*, *Alburnus lucidus*, *Cyprinus carpio*, *Sardinus erythrophth.*, *Idus melanotus*, *Tinca vulg.*).—Krøyer, 1838-40a, 615; 1846-53a, 253, 273; 1852-53a, 1219 (in *Belone rostrata*, E. l., *Salmo trutta*, *Clupeus harengus*).—Lam., 1816, 208.—Leuck., 1867b, 51, 118, 123, 125, figs. 32, 88.—Linst., 1879a, 169-171, pl. 11 figs. 11-13 (in E. l.); 1887d, 107 (E. l.); 1909a, 49-50, fig. 5 (in *Perca fluviatilis*, E. l., *Alosa vulg.*, *Anguilla vulg.*, A. l., L. r., *Abramis brama*, *Squalius leuciscus*, *Blicca björkna*, I. m., C. c., S. e., T. v., *Acerina*, *Thymallus vulg.*, *Cottus gobio*, T. t., *Salmo salvelinus*).—Mordw., 1908, v. 13 (1-2) 157, 188.—Miram, 1840a, 35 (pars of Bloch=Fil. *coronata*).—Mol., 1858, 297(=Fil. *cor.*); 1858c, 408; 1861c, 280 (*acus albicillæ* so. *depressa*) 289 (in *Belone acus*; Padua).—Müch., 1898b, 44.—Müell., 1780, 194 (*asus*).—Nitzsch, 1821a, 47.—Nordm., 1840a, 655.—Oken, 1815a, 201.—Olfers, 1816a, 63.—Par., 1887, 493; 1894, 219; 1902, 14 (in *Clupea alosa*, B. a., E. l.).—Rail. & Henry, 1915, 271 (type of *Raphidascaris*).—Rud., 1802a, 13-14; 1809a, 143 (of Bloch so. *depressa*), 173 (of Gœze so. *truncatula*), 176 (of Müell. so. *aucta*), 197 (pars of Bloch so. *fuligulæ*), 198, 201 (of Bloch so. *siluri*), 203, 149-152 (s. *seta* Müell., *boa* Schrank) (in E. l., E. *belone*), 303; 1819a, 43, 793.—Schneid., 1866a, 18, 47, 193, 286, pl. 2 fig. 8 (in E. l.; Greifsw.).—Schneid., 1903, 7.—Schmalz, 1831a, 51.—Schrank, 1788a, 10; 1803a, 203.—Shipley, 1896a (1901b), 130.—Sieb., 1850, 663.—Stiles & Hass., 1899a, 106.—Stoss., 1890, 55; 1891, 216; 1892, 70; 1896a, 47-48 (41-42) (s. *piscicola*, *Agamonema leuciscirutili*) (in B. a., E. l., C. f., B. b., C. h., *Salmo trutta*, *Alburnus lucidus*); 1898, 72; 1900, 5.—Walter, 1866, 19, 69.—Wedl, 1856, 39 (1).—Wilmsen, 1821, v. 3, 16 (der *Nadelwurm*).—Zsch., 1884, 9, 12, 64-68, 70, 73 (in *Lota vulg.*, E. l., *Alburnus lucidus*); 1896, 773, 776, 783, 817, 818, 820, 821; 1903, 132, 135, 139.—Also reported for *Belone vulg.*

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- acuta* Müell., 1789a, 53, pl. 111 figs. 1-5 (in *Rhombus barbatus*; by Müell.).—Carus, 1884, 168.—Dies., 1851a, 162-163 (s. *rhombi*) (in *R. b.*, *Rhombus maximus*): 1861a, 659 (in *Platessa plana*; Phila.): 1861c, 276.—Gmel., 1790a, 3031.—Krøyer., 1838-40a, 612 (in *Rh. vulg.*).—Leidy, 1856a, 52: 1904a, 96 (in *P. p.*).—Mol., 1858d, 147; 1861c, 282, 283 (in *R. b.*, *R. m.*).—Müell., 1858, 147.—Olfers, 1816a, 65.—Par., 1894a, 218.—Rud., 1809a, 182-183 (s. *rhombi*) (in *Pleuronectes rhombus*): 1819a, 51.—Stoss., 1896a, 82 (76) (in *R. m.* (Padua), *R. b.*, *P. p.* (N. A.)).—Tosh, 1905a, 115-116.
- acutissima* (Zed., 1800) Rud., 1809a, 156-157 (in *Sciurus vulg.*): 1819, 44, 793.—Cobbald, 1879b, 315.—Dies., 1851a, 172-173 (in *S. v.*).—Duj., 1845a, 164.—Hall, 1916a, 67 (to *Oxyuris*).—Linst., 1906, 113.—Olfers, 1816a, 64.
- adelinæ* Cond.-Franc., 1898b, 121-124, figs. 4-8 (in *Mugil cephalus*; Rome).
- adiposa* Schrank, 1790a, 122 (in *adipos intestinorum* & in *cavo abdominis lucii* Schrank): 1803a, 203-204.—Dies., 1851a, 203 (in *Esox lucius*).—Duj., 1845a, 186.—Hofer, 1904a, 271 (in *E. l.*).—Krøyer., 1846-53a, 253 (in *E. l.*).—Linst., 1883a, 278; 1886c, 4 (Moscow): 1909a, 53 (in *E. l.*).—Rud., 1809a, 151, 202-203 (in *L.*): 1819a, 60, 793.—Zsch., 1884, 6, 12, 70-71 (in *E. l.*): 1896, 773, 776, 784, 818, 820, 821 (in *E. l.*).
- adriatica* Stoss., 1897a, 5, fig. 1 (larva in *Vola jacobæa*; Venice).
- adunca* Rud., 1802a, 14 (in *Goldfisch*, *Clupea alosa*; by Rud.): 1809a, 133 134 (in *C. a.*): 1819a, 39, 270, 793.—Barbag. & Drago, 1903, 415 (in *Pagellus erythrinus*; Catania).—Braun, 1891e, 110.—Carus, 1884, 169.—Dies., 1851a, 171 (in *Alausa vulg.*; Europe); 1861a, 663 (in *A. v.*): 1861c, 277.—Duj., 1845a, 210-211.—Giard, 1903b, in 627-630, figs. 1-4: 1903c, 538 539.—Hofer, 1904a, 228 (in *A. v.*).—Krøyer., 1846-53a, 218 (in *A. finta*).—Linst., 1878b, 236, fig. 22: 1884a, 130, pl. 8 fig. 8: 1896a, 3-4, pl. 1 figs. 1-2: 1903u, 275: 1909a, 50, fig. 6 (in *A. f.*, *A. v.*, *Osmerus eperlanus*, *Trutta salar*).—Mol., 1858, 297: 1861c, 280, 288, (in *A. v.*; Padua).—Müch., 1898b, 44.—Olfers, 1816a, 63.—Par., 1894a, 219 (in *Dactylopterus volitans*): 1902c, 14 (in *D. v.*; Portoferrajo).—Schneid., 1866a, 48, pl. 2 fig. 9 (in *C. a.*).—Schneid., 1911, ANV, 16 (in *Cottus scorpius*).—Shipley, 1905k, 95, 102 (s. *rigida*, *biuncinata*) (in *A. v.*, *Lophius* sp.; Mus. Dundee).—Stiles & Hass., 1894e, 341 (in *A. sapidissima*).—Stoss., 1890, 55; 1892, 70; 1896a, 51-52 (45-46) (in *A. v.*, *A. f.*, *A. s.*): 1897, 3-4: 1898, 68; 1901a, 89 (1) (larva in *Trachurus trachurus*; Trieste); 1902e, 4 (in *Lichia glauca*, *Serranus cabrilla*, *S. scriba*, *Corvina nigra*).—Wright, 1879, 21.—Zsch., 1896, 773, 776, 784, 816, 822, 824 (in *A. v.*).—Also reported for *Lophius piscatorius*, *Zeus faber*, *Atherina hepsetus*, *Atherinichtys microlepidotus*, *Trigla corax*, *Maena smaridis*, *M. zebra*, *Citharus linguatula*, *Gobius jozo*, *Gadus morrhua*, *Labrax lupus*.
- æqualis* Dies., 1851a, 156 (so. *depressa*) (for *milvi filiformis æqualis* Frøel, 1802a, 34, 37-38, pl. 1 figs. 15-16) (in *Falco milvus*; by Geze, 1782a, 85, 86; in Magen des Sperbers, by Frøel).—Mol., 1861c, 280 (so. *dep.*).
- affinis* Oerley, 1885a, 102, 104, 108-109, pl. 9 figs. 5-6 (in *Mustelus lævis*; by Oerley): 1885b, 217-218 (in *M. l.*).—Barbag. & Drago, 1903, 417 (in *M. vulg.*; Catania).
- agilis* Wedl, 1861b, 467-468, 481, figs. 12-16 (in *Crocodilus vulg.*; Egypt).—Linst., 1904f, 4.—Stoss., 1896a, 21 (15) (in *C. v.*; Egypt).
- alata* Bellingh., 1839a, 103-104, figs. a-b (in *Homo*; Europe): 1839, v. 9, 280; 1844a, 173 (in *H.*; Ireland).—Aitken, 1866, 804, 843 (so. *mystax*): 1872, 152.—Anders. 1903a, 1249.—R. Bl., 1888a, 704 (so. *my.*), 709.—Braun, 1903a, 302: 1908a, 341: 1915a, 366.—Cast. & Chalm., 1910a, 441: 1913a, 547.—Cobbald, 1866a, 5: 1879b, 237-238.—Crep., 1849, 52.—Dav., 1877a, xcvi.—Dies., 1851a, 175, 569 (in *H.*).—Dungl., 1893a, 107, 820.—Duj., 1845a, 156.—Huber, 1896a, 588 (so. *my.*).—Küech., 1855a, 464.—Leiper, 1907, BMJ, 1297 (in *H.*).—Leuck., 1868a, 258, 259, 260, 261.—Linst., 1878a, 1.—Nev.-Lem., 1912a, 671 (so. *Belascaris cati*).—Polonio, 1860d, 121-122 (in *H.*).—Rail. & Henry, 1911, 13 (so. *B. mystax*).—Shipley, 1896a: 1901b, 140 (in *H.*); Sieb., 1840, v. 6 (2), 186.—Simon, 1897, 225.—Stoss., 1898, 67.—Ward, 1895a, 391 (so. *my.*), 342 (in *Canis* fam.), 330 (in *H.*): 1903, 223 (so. *canis*).—Weinl., 1858a, 88: 1859, 282.
- alata* Linst., 1883a, 278, pl. 6 fig. 3 [not Bellingh., 1839] (in a *Raubvogel*; Turkestan).
- alauda* Rud., 1819a, 54, 793 (in *Alauda trivialis*; C. E. V.).—Bonnet & Olivier, 1826a, 14-15 (in *A. arvensis*).—Dies., 1851a, 192 (in *Anthus arboreus*).—Duj., 1845a, 170.

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- albicilla* Bennet & Olivier, 1826a, 13 (in *Falco milvus*) (for *albicillæ*).
- albicilla* Gmel., 1790a, 3033 (in *Falco albicilla*; Bloch, 1782a, 31).—Dies., 1851a, 156 (so. *depressa*).—Mol., 1861c, 280.—Rud., 1809a, 143, 144 (so. d.).
- albula* Rud., 1809a, 202 (*Gordius lacustris* Kœlreuter renamed. *S. murænæ* Gmel.) (in *Salmo albula*); 1819a, 59, 793.—Dies., 1851a, 202–203 (s. *murænæ*, G. l.) (in *Coregonus marænula*; by Kœlreuter).—Duj., 1845a, 210.—Hofer, 1904a, 175, 228, 276 (in *C. albula*).
- alca* Müell., 1776a, 214 (in *Alca*); 1784, 106, 107, pl. 74 fig. 8; 1788b, 48–49, pl. 74 fig. 8.—Brug., 1792a, 131, 140.—Dies., 1851a, 336 (so. *Nematoideum alcæpicæ*).—Fabr., 1780a, 276.—Gmel., 1790a, 3045 (to *Echinor*).—Herbst, 1787a, 27.—Lühe, 1905b, 165, 331.—Rud., 1809a, 306 (to *E.*).
- alepocephali* Linst., 1899b, 9, pl. 1 fig. 14 (in *Alepocephalus rostratus*; Nizza).
- alienata* Rud., 1819a, 661–662, 793 (in *Nasua rufa*; Brazil).—Cobbold, 1879b, 298.—Dies., 1851a, 155 (in *N. r.*; *B.*).—Duj., 1845a, 158–159.—Mol., 1861c, 279.—Stoss., 1896a, 14(8) (so. *mystax*); 1898, 67.—Also reported for *N. socialis*.
- alienata* Rud., of Leidy, 1851b, 205 (in *Mephitis americana*; Carlisle, Penn.); 1856b, 51 (in *M. chinga*) (so. *columnaris*); 1904a, 47, 51.—Dies., 1861a, 662.
- ammocætis* Linst., 1896i, 375 (in *Ammocætes branchialis*; Turin); 1898d, 760 (in *A. b.*).
- ammodytis* Rud., 1819a, 56 (in *Vipera ammodytes*; M. C. V.).—Dies., 1851a, 195 (in *Rhinechis a.*; M. C. V.).—Linst., 1903u, 268.—Stoss., 1896a, 76–77 (70–71) (in *R. a.*).
- anatis* Gmel., 1790a, 3033 (in *Anas boschas*; Bloch, 1779a, 552; Gœze, 1782a, 85).—Dies., 1851a, 170 (so. *inflexa*).—Frœl., 1802a, 43 (s.? *boschatis*).—Mol., 1861c, 286 (so. *inf.*).—Rud., 1809a, 132, 133 (so. *inf.*).
- anatis-cygnoides* Dies., 1851a, 194 (in *Anas cygnoides*; by Barkow; Greifsw., quotes Crep., 1829b, 21).—Stoss., 1896a, 70 (64) (in *A. c.*; *G.*).
- anceps* Frœl., 1802a, 36–37 (in *Falco nisus*; by Frœl.).—Baird, 1853a, 10 (so. *Spiropt. leptoptera*).—Brems., 1811a, 14, 25.—Mol., 1860b, 953 (so. *S. l.*).—Rud., 1814a, 93; 1819a, 247, 248, 257 (so. *S. l.*).
- andersoni* Cobbold, 1876, 296–297, pl. 21 figs. 14–15 (in squirrel sp.; N. E. India).—Hall, 1916a, 52 (to *Subulura*).—Stoss., 1896a 67 (61) (in *Sciurus* sp.).
- androphora* Nitsch, 1821a, 48–49 (to *Hedruris*) (in *Triton tæniatus*; Ing.).—Crep., 1839a, 281.—Dies., 1851a, 205 (to *H.*).—Duj., 1845a, 179.—Mol., 1861c, 293 (to *H.*).
- anguilla* Baird, 1853a, 23 (for *anguillæ*) (in *Anguilla acutirostris*).
- anguilla* Gmel., 1790a, 3035 (in *Muræna anguilla*; quotes Redi, p. 86).—Abildg. in Müell., 1806a, 32, pl. 148 fig. D1–2 (in *Muræna anguilla*; Helgoland).—Baird, 1853a, 23 (so. *labiata*).—Dies., 1851a, 162 (so. *lab.*).—Krøyer, 1846–53a, 639, 641 (in *Anguilla migratoria*).—Rud., 1809a, 173; 1814a, 91.—Stoss., 1896a, 46 (40) (so. *lab.*).
- anguillæ* Linst., 1899b, 9–10, pl. 1 figs. 12, 15 (s. *Nematoideum murænæ-anguillæ*) (in *Anguilla* vulg.; Berl.); 1909a, 55 (in *A. v.*).
- angulata* Rud., 1803a, 8 (in Knorrhans; by Rud.); 1809a, 152 (in *Cottus scorpius*; Greifsw.); 1819a, 44.—Bellingh., 1844a, 170 (in *Lophius piscatorius*; Ireland).—Crep., 1837a, 325.—Dies., 1851a, 186 (in *C. s.*, *L. p.*).—Duj., 1845a, 181.—Krøyer, 1838–40a, 138, 603 (in *C. s.*, *L. p.*).—Linst., 1880a, 42–43, pl. 3 figs. 4–5; 1901e, 272, 274; 1903u, 267; 1909 (15), 50, fig. 7 (in *Trutta salar*).—Mol., 1861c, 284.—Olfers, 1816a, 63.—Sieb., 1854, 33.—Stoss., 1896a, 51–52 (45–46) (in *C. s.*, *L. p.*).
- angulivalvis* Crep., 1851a, 158–160 (in *Balæna rostrata*; Bergen).—Cobbold, 1879b, 426.—Dies., 1861a, 656–657 (in *B. r.*).—Jægers., 1891a, 131–132 (in *Balænoptera rostrata*, *B. sibbaldii*).—Stiles & Hass., 1899a, 112, 121, 122, 123, 124, 126.—Stoss., 1896a, 17 (11) (so. *simplex*).
- angusticollis* Mol., 1860e, 336–337 (in *Falco haliaëtus*, *F. buteo*; M. C. V.).—Dies., 1861a, 658 (in *F. b.*, *F. h.*, M. C. V.).—Drasche, 1883b, 129, pl. 10 fig. 22–23.—Linst., 1909a, 50 fig. 8 (in *Pandion haliaëtus*).—Par., 1894a, 214.—Shipley, 1905i, 251–252 (in *Helotarsus caudatus*).—Stoss., 1889, 181; 1891, 110; 1896a, 21 (15), (in *Buteo* vulg., *P. h.*, *H. albicilla*); 1898, 67.

ASCARIS—Continued.

- ani* Schrank, 1788a, 12 (in *Wasserkroeten*: Goeze, 1782a, 435, pl. 35 figs. 7-10) (see *bufonis* 1790, not 1788).—Dies., 1851a, 152 (so. *acuminata*).—Rail. & Henry, 1916, CrSB, 249.—Rud., 1809a, 166 (so. *brevicaudata*).
- anoura* Duj., 1845a, 221-222 to (Polydelphis) (in *Pithon bivittatus*: Mus. Paris).—Crep., 1848, 166, pl. 6.—Dies., 1851a, 161 (in *Constrictor* b.; Stockh.), 559; 1861a, 658-659 (in *Coluber constrictor*, Bca c.).—Leidy, 1856b, 51 (in C. c.); 1886e, 312; 1891b, 236 (s. *attenuata* Duj., A. *rubicunda* Sch.) (in *Heterodon platyrhinus*, *Ophibolus triangulus*, *Python molurus*: by Leidy); 1904a, 96, 241-242.—Mol., 1861c, 282 (so. at.).—Smith, A. J., 1908, 266 (in P. *reticulatus*).—Stiles & Hass., 1899a, 106 (type of Polydelphis); 1894e, 341 (in H. *niger*, O. sp., P. *molurus*).—Stoss., 1896a, 77 (71) (so. at.).—Also reported for *Bascanion* c., C. *lichtensteinii*, *Coryphodon* c., P. *tigris*, *Spilotes corais*.
- anterospiralis* Mol., 1860e, 337 (in *Felis concolor*; Caiçara).—Dies., 1861a, 660 (in F. c.; Brazil).—Drasche, 1883b, 130, pl. 10 figs. 14-15.—Stoss., 1896a, 14 (8) (so. *mystax*); 1898, 67.
- anuligera* Crep., 1846a, 138 (in *Colymbus cristatus*, C. *minor*, C. *subcristatus*; by Crep. and Schill.).
- anura* Crep. in Retzius, 1848a, 166-173, pl. 6 figs. 1-6 (in *Python bivittatus*) (for *anoura*).—Schneid., 1866a, 255.—Stoss., 1896a, 77 (71) (so. *attenuata*).—Reported also for P. *tigris*.
- apiculigera* Jagers., 1898a, 738 (misprint for *spiculigera*).
- appendiculata* Stoss., 1897a, 4, figs. 2-3 (in *Brama rayi*, *Pelamys sarda*; Trieste, Istria); 1898, 72 (in *Brama rayi*, *Pelamys sarda*).
- applanata* Linst., 1899b, 5, pl. figs. 3-4 (in *Chamaeleo melleri*; German E. Africa).
- apri* Gmel., 1790a, 3032 (in *apri pulmone* [Sus *scrofa*]; Goeze, 1782a, 92, pl. 2 fig. 6).—Braun, 1903a, 292; 1908a, 325; 1915a, 344.—Brug., 1791a, 93, pl. 30 figs. 15-18.—Brumpt, 1910a, 471.—Cast. & Chalm., 1910a, 430; 1913a, 551.—Dies., 1851a, 317 (so. Str. *paradoxus*).—Rail., 1893a, 432.—Rud., 1809a, 246 (so. Str. *suis*).—Stoss., 1899, 90 (so. Str. p.).—Ward, 1895, 330 (see p.) (in *Homo*), 336 (in *Ovis aries*); 1903, 219 (so. Str.).
- apterycis* Chatin, 1885a, 38-39 (in *intest. Apteryx*; either Campbell Isl. or New Zealand); 1885b, 770-771 (in A. *mantelli*).—Stoss., 1896a, 70 (64) (in A. *australis*; N. Z.).
- aquilæ* Gmel., 1790a, 3033 (in *Falconis chrysaëti intest.*; Redi, 81).—Baird, 1853a, 6 (so. Fil. *attenuata*).—Rud., 1809a, 70 (to Fil.).
- aquillæ* S., F., & W., 1903a, 287, pl. 5 (in *Haliaëtus leucocephalus*; Phila. Zool. Gard.).—Smith, A. J., 1908a, 266 (in H. l.).
- arctica* Linst., 1880a, 42, pl. 3 figs. 2-3 (in *Diomedea leucops*; N. Pacific).—Stoss., 1896a, 18 (12) (in D. l.).
- arcuata* Linst., 1907, v. 3 (3), 252, pl. 6 fig. 3 (in *Astur* sp., Falco *peregrinus* Brandenburg, Berl. Zool. Gard. (? from China)).
- ardea* Fox, 1912, 36 (in *Ardea herodias*) (for *ardea*?).
- ardeæ* Frœl., 1802a, 44-45, pl. 1 figs. 17-18 (in *Ardea cinerea*; by Frœl.).—Dies., 1851a, 156 (so. *serpentulus*).
- ardeæ* Dies., 1851a, 194 (in *Ardea cinerea*; Ireland, by Bellingh., 1844a, 174).—Stoss., 1896a, 70 (64) (in A. c.; I.).
- ardeæ* n. sp. S., F., & W., 1903a, 287-288, pl. 6 (in *Ardea herodias*; Phila. Zool. Gard.).—Smith, A. J., 1908a, 266 (in A. h.).
- ardearum* Rud., 1819a, 55 (in *Ardea comata*, A. *purpurea*; Ing.).—Dies., 1851a, 155 (so. *microcephala*).—Duj., 1845a, 172 (so. m.).—Mol., 1861c, 279 (so. m.).—Stoss., 1896a, 36 (30) (so. m.); 1898, 71.
- argentinae* Gmel., 1790a, 3037 (in *Argentina*; Redi, 88).—Dies., 1851a, 341 (so. *Nematodeum argentine-sphyraenæ*).—Rud., 1810a, 379.
- argentinae* Rud., 1819a, 60, 303 (in *Argentina sphyraena*; Rome).—Carus, 1884, v. 1, 171.—Dies., 1851a, 203 (in *Scopelus humboldtii*; R.).—Duj., 1845a, 210.—Par., 1894a, 217.—Stoss., 1896a, 56 (50) (so. *capsularia*).
- asini-feri* Rud., 1809a, 125, see *lumbricoides* (*asini-feri*) (Asc.).
- aspidophori* Ben., 1871a, 34 (in *Aspidophorus europæus*; Belgium).—Stoss., 1896a, 83 (77) (in A. e.).

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- astrophidis major* Stoss., 1896a, 77 (71) (in *Astrophis tigris*).—See major *astrophidis-tigridis* Dies., 1851a, 195.
- astrophidis minor* Stoss., 1896a, 77 (71) (in *Astrophis tigris*).—See minor *astrophidis-tigridis* Dies., 1851a, 195.
- astrophidis-tigridis major* Dies., 1851a, 563.—Par., 1898b, 12.—See major *astrophidis-tigridis* Dies., 1851a, 195.—Reported for *Python tigris*.
- astrophidis-tigridis minor* Dies., 1851a, 563.—Par., 1898b, 12 (in *Python tigris*).—See minor *astrophidis-tigridis* Dies., 1851a, 195.
- asus* Müell., 1880, 194 (for *acus*).
- atak* Müell., 1776a, 214.—Duj., 1845a, 274 (so. *Ophiost. dispar*).—Herbst, 1787a, 27.—Rud., 1809a, 119.
- atherinæ* Rud., 1819a, 60, 303 (in *Atherina hepsetus*; Nap.).—Carus, 1884, v. 1, 171.—Dies., 1851a, 204 (in A. h.; N.).—Duj., 1845a, 183.—Par., 1894a, 219.—Stoss., 1896a, 83(77) (in A. h.; N.).
- attenuata* Mol., 1858d, 147 (in *Python tigris*; Padua); 1861c, 282 (in *P. bivittatus*, P. t.).—Dies., 1861a, 659 (in P. t.; P.); 1861c, 276.—Leidy, 1891b, 236 (=anoura).—Linst., 1899b, 6, pl. 1 figs. 5-6 (in *Coluber cobella*, P. sp., *P. molurus*, *Vipera arietans*); 1901b, 409, 414 (in P. sp., *P. natalensis*); 1901e, 271; 1902d, 31; 1903k, 109; 1908, Rlm, v. 2 (1), 109 (in P. m.; India).—Par., 1898b, 12 (=anoura).—Sambon, 1908, 35.—Shipley, 1905k, 96, 102 (in P. m., P. t., ?P. sp.; Mus. Dundee).—Stoss., 1896a, 77 (71) (in *Boa constrictor*, *Constrictor bivittatus*, P. t.); 1901, 89 (1) (in P. sp. at Madras, *P. reticulatus*).
- aucta* Rud., 1802a, 26-27 (in *Blennius viviparus*; by Rud.); 1809a, 175-176 (s. *acus*, *blennii*) (in B. v.); 1819a, 50, 655.—Baird, 1853a, 21.—Cobbold, 1858b, 157 (in B. v.).—Dies., 1851a, 161 (in *Zoarces viviparus*; Greifsw.).—Duj., 1845a, 183.—Krøyer, 1838-40a, 368 (in Z. v.).—Leuck., 1867b, 124.—Linst., 1901e, 273; 1903u, 267.—Müch., 1898b, 44.—Olfers, 1816a, 64.—Schneid., 1866a, 47-48, pl. 2 figs. 8, 13-14 (in B. v.; Ostsee).—Schneid., 1911, 16 (in Z. v.).—Sieb., 1854, 33.—Stoss., 1896a, 46-47 (40-41) (in B. v.; Greifsw.).
- auriculata* Stoss., 1896a, 42(36) for *auriculata* (in *Opheomorphus miliaris*; Brazil).
- auriculata* Rud., 1819a, 655 (in *Coluber* sp.; Brazil).—Dies., 1851a, 185 (in *Opheomorphus miliaris*; B.).—Duj., 1845a, 178.—Jägers., 1897b, 20.—Schneid., 1866a, 46 (in *Coluber*; B.).—Stoss., 1896a, 42 (36) (*auriculata*) (in O. m.; B.).
- aurita* Linst., 1879a, 168-169, pl. 11 figs. 9-10 (in *Anous melanogenys*; Madagascar).—Stoss., 1896a, 42(36) (in A. m.; M.).
- ausculata* Sieb., 1854, 125 (probably misprint for *osculata*).
- australis* Linst., 1898c, 282, fig. 4 (in *Baza bismarcki*, *Ninox odiosa*; Ralum, Bismarck Archipelago).
- avis* Luckey, 1908, 32, fig. 16 (misprint for *ovis*).
- bacillum* Schlotthauber, 1860a, 127 nomen nudum except for host (in *Cuculus canorus*; by Schlotth.).
- balisticola* Linst., 1905bb, 185 (in *Balistes mitis*, B. stellatus; Ceylon).
- balistis* Linst., 1905bb, 184 (in *Balistes mitis*, B. stellatus; Ceylon).
- barbatulæ* Rud., 1819a, 59 (in *Cobitis barbatula*; C. E. V.).—Dies., 1851a, 202 (in C. b.; M. C. V.).—Duj., 1845a, 186.—Hofer, 1904a, 228 (in C. b.).—Stoss., 1896a, 77 (in C. b.).
- belones-vulgaris* (Dies., 1861) Stoss., 1896a, 55 (49) (in *Belone vulg.*; Trieste, Wedl, 1855a, 386, 394, fig. 23); 1898, 73.—Barbag. & Drago, 1903, 416 (in B. acus; Catania).
- bicolor* Rud., 1793a, 13-14 (in *Perca fluviatilis*; by Rud.); 1809a, 173 (so. *truncatula*).—Dies., 1851a, 162 (so. t.).
- bicolor* Baird, 1868a, 71, figs. A-C. (in *Trichechus rosmarus*; Brit. Mus.).—Baylis, 1916, 373 (renamed *rosmari*), 411 (in *Odobenus rosmarus*).—Rail. & Henry, 1907, 1.—Stiles & Hass., 1899a, 101, 108, 109, 111, 138-142 (in O. r.).—Stoss., 1896a, 61 (in T. r.).—Zool. Rec., 1868, 554.
- bicuspis* Wedl, 1855a, 388-389, 395, figs. 29-32 (in *Scyllium catulus*; by Wedl).—Oerley, 1885a, 107 (to *Acanthocheilus*).
- bidentata* Linst., 1899b, 7, pl. 1 fig. 10 (in *Acipenser ruthenus*; Budapest); 1901e, 272.

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- bifaria* Baird, 1853a, 26, pl. 1 fig. 2 (host unknown; Corea); [1853b], 19; 1855, 70.—Baylis, 1916, 411, 412, 413.—Dies., 1861a, 661 (Brit. Mus.).
- bifida* Fab., 1780a, 273 (s. Gord. atak) (in *Phoca grœnlandica*; Greenland); 1790, 155 (s. *phocæ*).—Brug., 1792a, 131, 138.—Duj., 1845a, 274 (so. *Ophiost. dispar*).—Lam., 1801a, 340 (to *Proboscidea*).—Müell., 1784a, 102, pl. 74 fig. 3; 1788b, 47, 49, pl. 74 fig. 3 (in P. g.).—Nordm., 1840a, 657 (so. *Fissula phocæ*).—Rud., 1809a, 119, 311.—Stiles & Hass., 1899a, 105.
- biloba* Linst., 1888a (b), 5-6, pl. 1 figs. 8-9 (host unknown; Straits of Magellan).—Stoss., 1896a (b), 35 (29).
- biuncinata* Mol., 1858d, 148 (in *Zeus faber*; Padua); 1861c, 285-286, pl. 11 (in Z. f.; P.).—Carus, 1884, v. 1, 170.—Dies., 1861a, 660 (in Z. f.; P.); 1861c, 276.—Drasche, 1883, v. 32, pl. 10 fig. 19.—Jægers., 1897, 19; 1898a, 739.—Linst., 1899b, 9.—Par., 1899a, 13; 1899b, 97 (so. *fabri*); 1902 b, 14 (so. f.).—Shipley, 1905k, 95 (so. *adunca*).—Stoss., 1887, 187; 1896a, 40 (34) (so. f.); 1898, 68.
- blennii* Gmel., 1790a, 3036 (in *Blennii vivipari* intest.; Müell., 216).—Dies., 1851a, 161 (so. *aucta*).—Rud., 1793a, 14; 1809a, 176.—Stoss., 1896a, 46 (40) (so. a.).
- boa* Schrank, 1790a, 120 (in intest. *Lucii*; teste Schrank); 1803, 195.—Dies., 1851a, 186 (so. *acus*).—Rud., 1809a, 150 (so. a.).
- boddaërtii* Baird, 1861a, 228-229 (in *Herpetodryas boddaërtii*; West Indies).—Baylis, 1916, 411, 412 (in H. b.; W. I.).—Dies., 1861c, 277.—Stoss., 1896a, 78, (72) (in H. b.).
- boopis* Rud., 1819a, 58, 301, 793 (in *Sparus boops*; Rimini).—Carus, 1884, v. 1, 171.—Dies., 1851a, 200 (in *Box vulg.*; M. C. V.).—Duj., 1845a, 182.—Par., 1894a, 216.—Stoss., 1896a, 83 (77) (in B. v.; R.).—Also reported for *Box boops*.
- boschadis* Schrank, 1803b, 200 (in den *Gedærmen der Aente*; Ing.).
- boschatis* Frœl., 1802a, 43-44 (s. ? *anatis* 1790) (in *Wildente*; by Frœl.).
- bovis* Bail., 1866b, 34 (in *Bos taurus*; by Bail.).—Armatage, 1895, 464.—Barnett, 1865a, 236-237 (in cow).—Campb. & Lacr., 1907, 69.—Descomps, 1878a, 542-543.—Haslam, 1895a, 153-157 (in B. t.).
- brachycheilos* Linst., 1906 Jan., 165-166, pl. 3 fig. 48 (in *Tropidonotus asperimus*; Colombo, Spain.)
- brachyoptera* Rud., 1819a, 41, 275-276 (in *Viverra genetia*; M. V., Algeciras).—R. Bl., 1888a, 704, 709 (so. *mystax*).—Cobbold, 1879b, 298, 299.—Dies., 1851a, 182 (in V. g. at Algeciras; *Nasua narica* in Brazil).—Dewitz, 1892b, 147.—Duj., 1845a, 162.—Gerv., [1847a], 87.—Linst., 1878a, 1 (?so. my.).—Schneid., 1866a, 38, 39 (so. ?my.).—Stoss., 1896a, 14 (8) (so. my.); 1898, 67.—Ward, 1895a, 330 (so. ?my.) (in *Homo*).
- brachyura* Linst., 1904f, 3, pl. 1 fig. 3 (in *Calotes versicolor*; Colombo).
- bramæ* Ben., 1871a, 44 (in stom. *Brama raii*; Belgium).—Barbag. & Drago, 1903, 417 (in B. r.; Catania).—Stoss., 1896a, 84 (78) (in B. r.).
- brevicapitata* Lint., 1901b, 410, 425, pl. 3 figs. 19-22 (in *Galeocерdo tigrinus*; Woods Hole); 1905d, 328, 330, 339, pl. 4 figs. 22, 23 (in *Carcharinus obscurus*; Beaufort).
- brevicauda* Linst., 1909a, 49, fig. 2 (in *Triton tæniatus*; Ing.).—Seur., 1917, CrSB, 97 (30) (in *Molge vulg.*).
- brevicaudata* (Zed., 1800) Rud., 1802a, 28 (in *Rana bufo*); 1809a, 137, 165-167 (s. *bufonis*, ani), 199 (in R. b., *Anguis fragilis*); 1819a, 47, 283-284 (in A. f., B. cinereus, B. viridis, B. igneus, B. fuscus, *Coluber natrix*, *Salamandra atra*, S. maculata, S. maculosa) 596, 763.—Bellingh., 1844a, 171.—Dies., 1851a, 152 (*Bufonis viridis* so. *commutata*), 153 (so. *acuminata*).—Duj., 1845a, 176, 228-230, pl. 5, fig. E (in A. f., B. f., B. c., B. i., B. v., C. n., *Rana temp.*, S. m., S. a.).—Kœll., 1843a, 110, 117.—Martini, 1906a, 706.—Mayer, 1841a, 16, 26.—Nitzsch, 1821a, 48.—Oken, 1815a, 199 (in A. f., R. b.).—Rail. & Henry, 1916, CrSB., 248.—Schneid., 1866a, 30, 66, 114.—Sieb., 1835, 79.—Stoss., 1898, 80.—Also reported for *Bufo vulg.*
- bronchialis* Gmel., 1790a, 3031 (in *Martia pulmonibus*; Werner, 9, pl. 8 figs. 20-21).—Duj., 1845a, 47.—Mol., 1858a, 162 (so. *Fil. mustelarum* (*pulmonalis*)); 1858c, 419.—Rud., 1793a, 11.
- bronchiorum suis* Modeer, 1791a, 75-83 [nv.].—Dies., 1851a, 317-318 (so. *Str. paradoxus*).—Rud., 1809a, 246 (so. *Str. suis*).
- bubonis* Frœl., 1802a, 39-40, pl. 1 figs. 13-14 (in *Strix bubo*; probably by Frœl.).

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- bufonis* Schrank, 1788a, 11 (lungs of Wasserkröten; Germany, Goeze, 1782a, 95, pl. 5 figs. 6-17).—Gmel., 1790a, 3035 (renamed *pulmonalis*).—Goeze, 1800 (renamed *nigrovenosa*).—Rud., 1809a, 147 (so. n.).—Stiles & Hass., 1905 [type of *Rhabdias*].
- bufonis* Gmel., 1790a, 3035 [not of Schrank, 1788] (in *Rana bufo*; Goeze, 1782a, 93, 94, pl. 4 figs. 1-3 [=tenuissima Schrank] and 435, pl. 35 figs. 7-10 [=ani Schrank, 1788]).—Bennet & Olivier, 1826a, 16.—Brug., 1791a, 95, pl. 32 fig. 1-3 (in *R. b.*).—Dies., 1851a, 152 (of Goeze, 1782a, pl. 35 figs. 7-10 (so. *acuminata*), 314 (so. *Str. auricularis*).—Duj., 1845a, 131 (so. *Str. a.*).—Rud., 1802a, 41 (so. *Str. a.*); 1809a, 165 (so. *brevicaudata*), 223 (so. *Str. a.*).—Stoss., 1899d, 81 (so. *Str. a.*).—Zed., 1800a, 80 (so. *Str. a.*).—See also *tenuissima* and *ani* 1788.
- bufonum* Rud., 1809a, 147 (in *Rana bufo*; Goeze, 1782a, 95, pl. 5 fig. 6-17) (so. *nigrovenosa*).—See *bufonis* Schrank.
- bulbosa* Cobb, 1888a (b), 17, 19-24 (59-64), pl. 3 figs. 29-30 (in *Phoca barbata*; N. Eismeer); 1889b, 150 pl. 7 figs. 7-8 (in *P. b.*).—Ariola, 1914, 69.—Jägers., 1898a, 738 (so. ? *decipiens*).—Stiles & Hass., 1899a, 109, 110, 111, 112, 157.—Stoss., 1896a, 38 (32), (so. *osculata*).—Also reported for *Erignathus barbatus*.
- buteonis* Gmel., 1790a, 3033 (in intest. *Falco buteo*; Goeze, 1782a, 85).—Dies., 1851a, 156 (of Frœl. [i. e. *bubonis*], so. *depressa*).—Mol., 1861c, 280 (of Frœl., so. *depr.*).—Rud., 1802a, 26 (so. *spiralis*); 1809a, 144, 190.
- caniculæ* Schrank, 1788a, 10 (in *Canis* fam.; Hermann, 1783a, 42, pl. 2 fig. 4); 1803, 196.—R. Bl., 1888a, 704 (so. *mystax*).—Dies., 1851a, 181 (so. *marginata*).—Rud., 1809a, 138 (so. *marg.*).—Schneidem., 1896a, 322 (*Ascaris canikuli*).—Ward, 1895a, 301 (so. *my.*); 1903, 223 (so. *canis*).
- caniculi* Braun, 1903a, 302 (so. *canis*), 354 (for *caniculæ* S.); 1908, 341.
- canikuli* Schneidem., 1896a, 322 (for *caniculæ* Schrank) (*Askaris*).
- canis* Schrank, 1788a, 7, 8 (in kidney of dog; Redi, 308, pl. 8).—Anacker, 1891e, 407 (so. *Eustr. gigas*).—R. Bl., 1888a, 727 (so. *Eustr. g.*).—Braun, 1903a, 290; 1908a, 324, 341; 1915a, 329.—Brumpt, 1910a, 472 (so. *E. visc.*); 1913a, 534.—Cast. & Chalm., 1910a, 429.—Dies., 1851a, 327 (so. *E. g.*).—Duj., 1845a, 113 (so. *Str. g.*).—Neum. & Mayer, 1914a, 445.—Rud., 1809a, 211 (so. *Str. g.*).—Ward, 1895a, 333 (in *Bos taurus*), 342 (in *Canis* fam.). 302 (so. *Diocotphyne g.*), 339 (in *Equus cab.*), 330 (in *Homo*); 1903, 220 (so. *D. renale*).
- canis* (Werner, 1782) Gmel., 1790a, 3030-3031 (in intest., *Canis* fam.).—A., K., & G., 1904, Dec. 1, 92 (in *Homo*; Porto Rico).—Barile, 1912, (9); 1912, v. 51, 377.—Bennet & Olivier, 1826a, 9.—Bilek, 1910, (2), 170.—R. Bl., 1888a, 704 (so. *mystax*); 1891t, 483-484; 1895, 751; 1900g, 486; 1903, AdP, v. 7, 483.—Braun, 1906a, 336-337, figs. 219-220; 1908a, 341, figs. 280, 281; 1915a, 367 (of Glaue, 1909, so. *limbata*).—Braun & Lûche, 1909a, 89 (s. *my.*), 90, 91 (in cats), figs. 28, 40; 1910a, 96, 112, 113, 120, fig. 28 (s. *my.*).—Brumpt, 1910a, 348.—Cast. & Chalm., 1910a, 443; 1913a, 546, 562.—Cat. RCSL, 1830, 42 (so. *marginata*).—Daniels, 1910a, 155; 1914a, 74, 169 (so. *my.*).—Dies., 1851a, 181 (so. *marg.*).—Fiebiger, 1912a, 296, figs. 216, 217 (in cat, dog).—French, 1900a, 292 (in dog).—Galli-Val., 1901c, 363 (in *C. fam.*); 1902h, 286, 287; 1907, 224 (in *C. f.*; Kairouan); 1908, 610.—Glaue, 1909, ZA, v. 33, 785-790 (and *felis*); 1909, v. 32, 64; 1909, (4), 463; 1910, v. 95, 551-593, 26 figs. (and *felis*); 1910, ZA, 744, 746, 748, 749, 750, 751, 753, 754, 755, 756, 757.—Guiart, 1910a, 369 (in cat, dog, *Homo*; Eng., Germany, Greenland, U. S.).—Hempelm., 1912a, 108.—Jeffreys, 1908, 100, pl. 2 fig. C.—Kaltenbach, 1915, 525.—Koch, 1910, 118, 122.—Leiper, 1907, BMJ, 1296; 1911, PZSL, 620-621 (in wolf).—Lellm., 1896a, 357-360; 1898a, 30-31.—Lukjanow, 1890a, 41 (in *C. fam.*).—Marcus, 1906b, 441-490, 2 pls. 10 figs. (egg and sperm); 1906, ZC, v. 13 (19-20), 610-611; 1906, JRMS, 671.—Martin, 1913, v. 18 (1-2), 3, 30-31, 35, 40, 41, 43, 45, 46, 48, 49, 64, 66, 100, 115, 127, 134, 141, 143.—Mayer, 1908, 505, 519, 524, 531.—Mordw., 1908, v. 13 (1-2), 183, 187, 188.—Neum. & Mayer, 1914a, 451.—Nev.-Lem., 1902a, 95, 98, 99 (s. *my.*); 1904a, 97, 100, 101; 1906a, 263, 264, figs. A-D; 1908a, 430.—Nordm., 1840a, 655 (so. *marg.*).—Oliver, 1878, 354.—Pratt, 1916a, 225.—Rail. & Henry, 1911, 15 (of Glaue, so. *Toxascaris limbata*).—Rud., 1793a, 10-11 (s. *vulpis*); 1809a, 138 (so. *marg.*).—Russell, 1873, 21-22.—Schœppler & Krüger, 1912, Cfb, v. 62 (1-2), 143-146.—Setti, 1893, v. 4, 15; 1893a, 20 (in *Herpestes albicauda*).—Sl. & Sw., 1912a, 317, 318, 401, fig. 181.—Smith, 1908a, 265-266 (in *Felis jaguarundi*, *C. dom. sinensis*).—S., F., & W., 1908a, 285-286.—Stiles, 1914, MM, v. 2, 288.—Stiles & Hass., 1894e, 339 (s. *my.*) (in *C. fam.*, *F. dom.*, *Lynx*

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- canadensis).—Stitt, 1910a, 232, 245; 1916a, 331.—Stoss., 1896a, 14 (8) (so. my.); 1898, 67.—Verdun, 1907, 325, fig. 122.—Walton, 1916, v. 52 (5), [253]–266 pls. 1–2, figs. 1–16 (refractive body, mitochondria); 1916, 1–17; 1916, 364–372, figs. A–F, 1–12 (and felis); 1916, 39, 40, 41, figs. 2, 4, 6.—Ward, 1903, 223, figs. 35–68 (s. teres, cati, caniculæ, felis, tricuspidata, wernerii, my., marg., alata).—Wilkins, 1878, 353–354.
- canis-aurei Rud., 1819a, 53 (in C. aureus; C. E. V.).—R. Bl., 1888a, 704 (so. mystax).—Dies., 1851a, 181 (so. marginata).—Stoss., 1896a, 14 (8) (so. my.).
- canis felis (Gmel. 1790) Werner of Galli-Val., 1901c, 363 (in Felis catus).—Ward, 1903, 223 (so. canis).
- canis-lagopodis Viborg, 1795, 235 [nv.].—Rud., 1809a, 194 (in C. lagopus); 1819a, 53.—Dies., 1851a, 188 (in C. l.).—Stoss., 1896a, 14 (8) (so. mystax).
- capillaris Schrank, 1790a, 121 (in Silurus glanis; teste Schrank); 1803, 201.—Dies., 1851a, 176 (so. mucronata).—Rud., 1809a, 186 (so. m.).
- caprimulgi Rud., 1819a, 55 (in Caprimulgus europæus; C. E. V.).—Dies., 1851a, 173 (so. subulata).—Stoss., 1896a, 76 (70).
- capsularia Rud., 1802a, 27–28 (s. Capsularia salaris) (in Lachs; by Rud.); 1809a, 179–180 (s. C. s., C. lacustris salaris, C. s., C. trinodosa) (in Salmo salar: Greifsw.). 204; 1819a, 50–51.—Barbag. & Drago, 1903, 416 (in Auxis bisus. Conger vulg., Lepidopus argyreus, Merlucius vulg., Scomber colias, Saurus fasciatus, Trachurus trachurus, Trigla corax; Catania).—Baird, 1853a, 22.—Baylis, 1916, P, 360, 361, 362–365, 366, 369–370, pl. 14 figs. 1–3, pl. 16 figs. 1–2.—Bellingh., 1844a, 169, 172.—R. Bl., 1889d, 706 (s. Spiropt. hominis, Fil. piscium).—Braun, 1891e, 111.—Crep., 1846b, 166 (s. Fil. p., Caps. trinodosa).—Dies., 1851a, 163 (s. Cucullanus salaris, C. lacustris s., Caps. s., Caps. t.) (in Cyclopterus rufus, M. v., Merlangus communis, S. s.).—Duj., 1845a, 187–188, 190, 192, 205.—Edelmann, 1902, 1903, 304.—Guiart, 1910o, 596.—Hofer, 1904a, 228, 271, 284 (in Alosa vulg., Esox lucius, Trutta salar).—Krøyer, 1838–40a, 606, 608, 613; 1843–45a, 581 (in Cyclopterus lumpus, M. v., Solea vulg.).—Linst., 1878b, 236–237, pl. 8 fig. 23; 1880a, 45; 1884a, 127, pl. 7 figs. 4–7 (s. Agam. caps., larva of Asc. incurva); 1899b, 9, pl. 1 fig. 13 (in Trigla gurnardus; Berl.); 1901e, 274–275; 1903u, 274; 1909a, 55 (in Alosa vulg., Acipenser sturio, Esox lucius, Trutta salar).—Lint., 1901, 410, 444, 456, 476.—M'Intosh, 1864a, 153 (in S. s.).—Mol., 1861c, 283.—Mont., 1889d, 71 (in Merluzzo; Porto Huite, Chile).—Nicolls, 1907, 71, 72 (in Cottus bubalis, Hippoglossus vulg., Motella mustela, Pleuronectes limanda).—Nordm., 1832a, 25.—Oerley, 1885a, 104.—Oken, 1815a, 200.—Olfers, 1816a, 31, 64.—Owen, 1835a, 318.—Par., 1887c, 493; 1894a, 218; 1899a, 14 to (Agamona); 1899b, 98 (in Conger vulg., Trigla corax; Portoferrajo).—Pavesi, 1881a, 295, 297.—Pavoni, 1906a, 215–220, pl. 1 figs. 1–4.—Sambon, 1908, 35.—Seur., 1916, 353.—Shipley, 1905i, 252 (in Lepidopus caudatus).—Stiles & Hass., 1899, 107, 116, 117, 119, 120, 138, 164.—Stiles, 1907, 526 (as a spurious parasite).—Stoss., 1887, v. 9, 188; 1892, v. 7, 71; 1893, v. 14, 84; 1896, 121; 1896a, 55–58 (49–52) (in Arnoglossus laterna, Acanthias vulg., Acipenser sturio, Aulopus filamentosus, Alosa vulg., Belone acus, Cottus scorpio, Centriscus scolopax, Cyclopterus rufus, C. lumpus, Centropistis nigricans, Clupea harengus, Conger v., E. l. Fierasfer acus, Gadus minutus, G. luscus, G. morrhua, Galeus canis, Hippoglossus v., Labrus luscus, Lepidopus caudatus, Lophius piscatorius, Lota molva, Merlucius escul., Motella mustela, Ophidium barbatum, Phocæna com., Platessa limanda, Pleuronectes linguatula, Rhombus maximus, Ruvettus pretiosus, Saurus griseus, Sciæna aquila, Scomber scombrus, Scopelus humboldti, Solea monochir, Sparus spicara, Syngnathus acus, Trachinus draco, Trigla gurnardus, Trigla lyra, T. s., Umbrina cirrhosa, Zeus faber); 1897, 4; 1898, 73; 1901, 90 (1) (in Trachinus vipera, Trachurus trachurus; Trieste).—Tsch., 1905, 115.—Zsch., 1884, 6, 12, 71–72, 73 (in Lota vulg.); 1891, (21), 24; 1896, 773, 776 (in S. s.); 1903, 132, 136, 139, 140, 142, 144 (in Lota v.).—Zsch. & Heitz, 1914, 229–230 (in Onchorhynchus tschawyttscha, O. nerca, O. keta; Kamschatka).—Also reported for Aphanopus carbo, Drepanopsetta platessoides, Gadus callarias, G. virens, Lophius budegassa, Merlucius valpariso, Sebastes norvegicus.
- capsularis Criv., 1845a, 5 (for capsularia) (so. Filocapsularia com.).—Anacker, 1893i, 344.—Cobbold, 1875e, 244.—Edelmann, 1902, 1903, 304; 1914, 404; 1915, 194; 1916, 373.—Leuck., 1867b, 98.—Sieb., 1854b, 33.—Tremel, 1900a, (22), 361–362 (in Kabljau); 1900b, 220–221 (in K.); 1901a, 139.

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- carbonis* Turton, 1807a, 125 (in *Pelecanus carbo*; Gr. Brit.).—Baird, 1853, 25 (so. *spiculigera*).
- carpionis* Linst., 1878b, 240 (larva in *Cyprinus carpio*; Ing.).; 1887d, 107 (in *C. f.*); 1909a, 54.—Hofer, 1904a, 228 (in *C. c.*).—Stoss., 1896a, 52 (in *C. c.*; Hameln).
- casta* Stoss., 1902d (e), 66 (6) (in *Salminus maxillosus*; Alto-Parana).
- castoris* Rud., 1809a, 195 (in *Castor fiber*; Perrault & Charras, 1757, 168); 1819a, 154 (in *C. f.*).—Cobbold, 1879b, 317.—Dies., 1851a, 189–190 (in *C. f.*; Paris Wien).—Duj., 1845a, 165.—Hall, 1916a, 40–41 (in *C. f.*).—Linst., 1909a, 53 (in *C. f.*).—Stoss., 1896a, 67 (61), (in *C. f.*).
- cati* Schrank, 1788a, 8 (*Felis dom.*; [Europe], Göze, 1782a, 79, pl. 1 fig. 5); 1803, 194.—R. Bl., 1888a, 704 (so. *mystax*).—Bennet & Olivier, 1826a, 11 (in *F. d.*).—Braun, 1903a, 302; 1908a, 341.—Dies., 1851a, 180 (so. *m.*).—Rud., 1809a, 140 (so. *m.*), 236.—Schneidem., 1896a, 322 (*Ascaris kati*).—Ward, 1895a, 301 (so. *m.*) 330 (in *Homo*), 342 (in *Canis fam.*); 1903, 223 (so. *canis*).
- centridermichthys* Linst., 1903u, 275 (in *Centridermichthys uncinatus*; Murman Coast); 1904a, 11 (in *C. u.*).
- centrisci* Rud., 1819a, 57, 299 (in *Centriscus scolopax*; Nap.).—Carus, 1884, v. 1, 171.—Dies., 1851a, 197 (in *C. s.*; Nap.).—Duj., 1845a, 185.—Frœl., 1789a, 141.—Par., 1894a, 219.—Stoss., 1896a, 56 (50) (so. *capsularia*).
- cephaloptera* Rud., 1819a, 52–53, 295, 663 (in *Vipera redii*; Florence).—Dies., 1851a, 176 (in *Elaphe quadrilineata*, V. r.).—Duj., 1845a, 177 (in *Coluber quad.*).—Linst., 1889a, 63, 64 (in *Clotho arientans*, *Tropidonotus fasciatus*); 1909a, 53 (in *T. natrix*).—Par., 1894a, 216; 1896, 5.—Stoss., 1896a, 78 (72) (in in *Elaphe quad.*, *Vipera aspis*; Firenze); 1904b, 1 (in *Vipera ammodytes*; Istria).
- cervi* Schrank, 1803b, 196 (in den Därmen des Hirsches; by Schreiner).
- ceylanica* Linst., 1904f, 2–3 [92–93], pl. 1 fig. 2, see also *ceylonica* and *zeylanica* (in *Haliastur indus*, *Poliaëtus ichthyætus*; Colombo, Kalpitiya).
- ceylonica* Linst., 1907 Apr., 165 for *ceylanica* (in *Haliastur indus*; Ceylon).
- charadrii* Dies., 1851a, 194 (in *Charadrius hiaticula*; Ireland, Bellingh., 1844a, 174).—Stoss., 1896a, 70 (64) (in *C. h.*; I.).—Also reported for *Aegialites hiaticula*.
- charadriorum* Rud., 1819a, 55 (in *Charadrius himantopus*, *C. morinellus*, *C. ædicnemus*, *C. pluvialis*; C. E. V.).—Dies., 1851a, 159 (so. *heteroura*).—Stoss., 1896a, 34 (28) (so. *ensicaudata*); 1898, 70.
- chelonix* Chiaje, 1823, 68, 72, pl. 2, fig. 27 (in *Chelonia mydas*) [nv.].—Dies., 1851a, 195–196 (in *C. m.*).—Stoss., 1896a, 78 (72) (in *C. m.*).
- chiajei* Polonio, 1859 [nv.].—Par., 1894a, 216 (in *Chelone mydas*; Padua).
- ciconia* Rud., 1819a, 55, 298 (in *Ardea ciconia*, C. E. V.; A. nigra, by Rosa).—Dies., 1851a, 155 (so. *microcephala*).—Duj., 1845a, 172.—Mol., 1861c, 279 (so. *m.*).—Stoss., 1896a, 36 (30) (so. *m.*); 1898, 71.
- ciconia-alba* Wedl, 1856a, 36, 66, pl. 1 fig. 5 (in *Ciconia alba*; by Wedl).—Stoss., 1896a, 71 (65).
- circularis* Linst., 1907, 251, pl. 6 fig. 1 (in *Pristis antiquorum*; Kamerun).
- circumflexa* Mol., 1858d, 145 (in *Felis pardus*; Padua); 1861c, 279.—Dies., 1861a, 644 (in *F. p.*; P.).; 1861c, 277.—Stoss., 1896a, 14 (8) (so. *mystax*); 1898, 67.
- clava* Linst., 1906, v. 47, 111, figs. 1–2 (in *Aquila clanga*; Memel).
- clavata* Rud., 1809a, 183–184, 187 (*gadi* Muell. & Fabr. renamed) (in *Gadus barbatus*; by Fabr.); 1819a, 51, 293–294 (in *G. merlangus*, *G. æglefinus*).—Baird, 1853a, 25.—Barbag. & Drago, 1903, 415–416 (in *Conger vulg.*, *Merlucius vulg.*; Catania).—Bellingh., 1844a, 173 (Ireland).—Braun, (1891e), 110.—Carnoy, [1887b], 247–324, figs; 1888a, 43.—Carus, 1884, v. 1, 170.—Cobbold, 1858b, 159.—Crep., 1844a, 130; 1846a, 149.—Dies., 1851a, 176–177 (in *Conger v.*, *G. morrhua*, *G. callarias*, *G. æglefinus*, *Merlangus communis*, *M. pollachius*, *M. carbonarius*, *Salmo trutta*, *S. salar*, *Scomber scombrus*); 1861a, 664 (in *G. merlucius*, at Padua, *Morrhua pruinosa* at Boston, *M. americana* at Phila.); 1861c, 277.—Duj., 1845a, 205, 211–212 (in *Gadus carbonarius*, *G. pollachius*, *G. merlangus*, *G. æg.*, *G. mor.*, *G. merl.*, *Muræna conger*, *S. salar*, *S. trutta*).—Hofer, 1904a, 228, 271 (in *Trutta trutta*, *T. salar*).—Jægers., 1893a, 39–43, pl. 1 fig. 7, pl. 2 fig. 15; 1894b, 454, 486, fig. 7, 15, 30; 1898a, 738, 739, 741, 788, 789, fig. 4; 1909, 8.—Kröy., 1838–40a, 595, 605, 606,

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- 608, 615; 1843-45a, 41, 60; 1852-53a, 1226 (in *Anguilla conger*, *Gadus æg.*, *G. mor.*, *Merluccius v.*, *Merlangus v.*, *S. salar*, *S. trutta*, *Scomber scombrus*).—Lam., 1816, 209; 1840a, 656.—Leidy, 1856b, 52.—Linst., 1880a, 43-44, pl. 3 figs. 6-7; 1890d, 179; 1901e, 272, 274; 1903u, 266, 275; 1909v, 51, fig. 9 (in *Trutta salar*, *T. trutta*).—Lint., 1900a, 269, 283, 302, pl. 43 figs. 105-108; 1901b, 410, 438, 444, 446, 474, 475, 476 (in *Gadus callarias*, *Pollachius virens*, *Scomberomorus maculatus*).—Looss, 1901a, 58.—Martini, 1906a, 700.—Möbius, 1874, 258 (in *G. mor.*).—Mol., 1858d, 149; 1861c, 288 (in *Conger conger*, *Gadus m.*, *G. æg.*, *G. callarias*, *G. merl.*, *Merlangus pollachius*, *M. communis*, *M. carbonarius*, *S. trutta*, *S. s.*).—Müch., 1898b, 44.—Nicoll, 1907a, 71 (in *G. æg.*, *G. merl.*); 1910, v. 3, 325.—Nordm., 1840a, 656 (in *G. barbatus*).—Olfers, 1816a, 65.—Olss., 1869b, 499, 514.—Par., 1894a, 219.—Risso, 1826, 260.—Stiles & Hass., 1894e, 341 (in *G. callarias*, *G. tomcod*).—Shipley, 1905k, 96, 102 (in *G. æg.*, *G. mor.*; *Mus. Dundee*).—Stoss., 1892, v. 7, 70; 1896a, 41-42 (35-36) (in *Conger v.*, *G. a.*, *G. c.*, *G. m.*, *Morrhua pruinosa*, *M. americana*, *Merlangus v.*, *M. carbonarius*, *M. pollachius*, *Merlucius escul.*, *Molva v.*, *Scomber scomber*, *Trutta s.*, *T. t.*); 1898, 71; 1900, 6; 1902d (e), 3-4 (63-64), pl. 3 fig. 15 (in *Aulopus filamentosus*, *Mullus barbatus*).—Ward, 1903d (e), 706 (10) (in tooth of *Homo*).—Zsch., 1884, 68, 69; 1889, v. 8, 775; 1896, 773, 776, 782, 784, 816, 823 (in *S. s.*); 1903, 130.—Also reported for *Gadus saida*, *Lota molva*, *Sebastes norvegicus*.
- clupeæ* Ben., 1871a, 66 (in *Clupea harengus*; Belgium).—Stoss., 1896a, 84 (78) (in *C. h.*, *C. sprattus*).
- clupeæ-ponticæ* Linst., 1903u (1904a), 275 (11) (in *Clupea pontica*; *Sinus Jaltensis*, Black Sea).
- clupearum* Fabr., 1794a, 35-38, pl. 4 fig. 1-3 (in *Silde* [herring]).—Dies., 1851a, 204 (s. *harengum* Frøel. not Schrank) (in abd. of *Clupea harengus*).—Duj., 1845a, 188.—Olfers, 1816a, 31.—Rud., 1809a, 62, 203-204; 1814a, 92; 1819a, 60, 303.—Stiles & Hass., 1894e., 341 (in *C. sprattus*; Eng.).—Stoss., 1896a, 56 (50) (so. capsularia).
- cobitidis*, Dies., 1851a, 186 (so. *trigonura*) (in *Cobitis barbatula*; Ireland, Bellingh., 1844a, 174).—Stoss., 1896a, 94 (88) (so. *trigonura*).
- collaris* Rud., 1802a, 20 (in *Pleuronectes maximus*; by Rud.); 1809a, 184-185 (s. *Fus. hoffmanni*) (in *P. m.*, *P. flesus*; Greifsw.). 1819a, 52 (in *P. mancus*), 294.—Baird, 1853a, 23.—Bellingh., 1844a, 173.—Carus, 1884, v. 1, 70.—Cobbold, 1858b, 160, pl. 32 fig. 27 (in *Hippoglossus vulg.*).—Crep., 1844a, 130; 1846a, 151.—Dies., 1851a, 177 (in *H. v.*, *Platessa flesus*, *Pl. mancus*, *Rhombus maximus*, *Solea vulg.*); 1861c, 278.—Duj., 1845a, 190.—Kroy., 1838-1840a, 611, 612; 1843-45a, 297, 444 (in *H. maximus*, *Plat. fles.*, *R. m.*, *S. v.*).—Müch., 1898b, 44.—Nicoll, 1907a, 72 (in *H. v.*, *R. laevis*).—Olfers, 1816a, 65.—Par., 1894a, 218.—Risso, 1826, 260.—Schneid., 1911, ANV, 16 (in *R. m.*).—Stoss., 1896a, 84 (78) (in *H. v.*, *P. f.*, *Pleuronectes mancus*, *R. m.*, *S. v.*).—Also reported for *Pl. limanda*, *P. solea*.
- collurionis* Frøel., 1802a, 40-41 (in *Lanius collurio*; by Frøel.).—Dies., 1851a, 191 (so. *laniorum*).—Mol., 1860b, 940 (so. *Spiropt. euryopt.*).—Rud., 1814a, 93-94.
- colubri* Cat. RCSL, 1830, 43 (in *Coluber*).
- columba* Bennet & Olivier, 1826a, 14 (in tame dove) (for *columbae*).
- columbae* Gmel., 1790a, 3034 (in *Columba dom.*; Goeze, 1782a, 84, 85, pl. 1 fig. 6).—Brug., 1791a, 94, pl. 30 fig. 10 (in *C. d.*).—Dies., 1851a, 183 (so. *maculosa*).—Hut. & Mar., 1910b, 500.—Nordm., 1840a, 655 (so. *m.*).—Rud., 1809a, 159 (so. *m.*).
- columnaris* Leidy, 1856b, 51 (s. *alienata* Rud. of Leidy) (in *Mephitis chingia*; Ing.).—Dies., 1861a, 662 (s. *al.*) (in *M. c.*; Penn.).—Stiles & Hass., 1894e, 339 (in *M. sp.*).—Stoss., 1896a, 67 (61) (in *M. c.*; N. A.).
- colymborum* Rud., 1819a, 55, 664-665 (in *Colymbus auritus*, *C. cornutus*, *C. cristatus*, *C. minor*; C. E. V.).—Dies., 1851a, 158 (so. *spiculigera*).—Stoss., 1896a, 32 (26) (so. *s.*); 1898, 70.
- communis* (Deslgch., 1824) Linst., 1878b, 238, fig. 25 (in *Gadus callarias*); 1901e, 273; 1903u, 274.—Nicoll, 1907a, 71 (in *G. aeglefinus*).—Stoss., 1896a, 58-59 (52-53) (in *G. c.*); 1901, 89 (1) (in *G. morrhua*; Bering Sea).—Also reported for *Aphanopus carbo*, *Labrax lupus*.

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- commutata* Dies., 1851a, 152 (brevicaudata Zed. renamed) (in *Bufo viridis*; M. C. V.).—Hannover, 1864a, 3.—Martini, 1906a, 706.—Mol., 1858, 296–297; 1861c, 278 (in *B. vir.*, *B. vulg.*).—Perez, 1866a, 278.—Rail. & Henry, 1916, Cr SB, 248, 249 (to *Ananconus*).—Schneid., 1866a, 113.—Stoss., 1898, 81.
- compar* Schrank, 1790a, 120 (in *Tetrao lagopus*; teste Schrank); 1793a, 90–94, fig. 2; 1803, 198.—Cobbold, 1869a, 67 (in black grouse, grey partridge, quail, red grouse); 1879b, 440.—Crep., 1846a, 133.—Dies., 1851a, 170–171 (s. *lagopodis*) (in *Perdix coturnix*, *P. cinerea*, *P. saxatilis*, *Tet. lag.*, *T. urogallus*; M. C. V.); 1861a, 663 (in *P. c.*; *Padua*); 1861c, 277.—Duj., 1845a, 218–219.—Fiebiger, 1912a, 302.—Hass., 1896a, 4, 5 (to *Het.*).—Jägers., 1894a, 454 (in *Tetrao tetrax*).—Lam., 1816, 209; 1840a, 656.—Leidy, 1886e, 311.—Mol., 1859e, 297 (in *P. cot.*; *Padua*); 1861c, 287 (in *P. cin.*, *P. cot.*, *P. sax.*, *T. coturnix*, *T. urog.*).—Mont., 1889d, 71 (in *polo*; *S. Jacinto*, *Luzon*).—Muell., 1897a, 10 (to *Heteraxis*).—Nordm., 1840a, 656 (s. *tetraonis*).—Oken, 1815a, 199 (*Tetrao lagopus*).—Olfers, 1816a, 62, 64.—Perronc., 1882a, 305.—Rail., 1893, 408.—Rud., 1809a, 158, 161–163, 186 (in *T. lag.*); 1814a, 90–91; 1819a, 46, 282.—Stiles & Hass., 1894e, 340 (in *Ortyx virginianus*).—Walter, 1858, 277.—Wedl, 1855, 305; 1856, 36, 61, 66, pl. 1 fig. 4.
- [*compressa* (Schneid., 1866) Perronc., 1882a, 305 (Ascaride).]
- conchoptera* Cobbold, 1875, Vet., v. 48, 514 (misprint for *lonchoptera*).
- conga* Drasche, 1883a, 140 (misprint for *longa*).
- conocephala* Krabbe, 1878a of *Inst.*, 1889a, 25, 26 (for *conocephalus*).—R. Bl., 1906, 372.—Brumpt, 1913a, 397.—Stoss., 1896a, 17–18 (11–12) (in *Clymenia* sp., *Delphinus delphis*).
- conocephalus* Krabbe, 1878a, 49–51, fig. 3, pl. 1 fig. 5, résumé, 12 (in dolphins, Gen. ?, sp. ? *Clymenia* [= *Protodelphinus*]; Atlantic).—Bossuat, 1902, v. 6 (2), 190.—Brumpt, 1910a, 332.—Garin, 1913, 2.—Guiart, 1899b, 2; 1900f, 77, 78, 1 fig.; 1905, 7, fig.; 1910a, 372; 1905, Jan. 15, 177.—Jägers., 1894a, 453 (= *Conoc. typicus*).—Stiles & Hass., 1899a, 127 (so. *typica*), 128, 130, 132.—Weinberg, 1907o, 431 (15) (in *Delphinus delphis*).
- conosoma* Jærdens, 1802a, 30–31, pl. 7 figs. 9–12 [tat. of *Conosoma*], (in *Homo*; by Bretschneider).—R. Bl., 1889d, 708 (= larva of *Musca dom.*).—Brems., 1824a, 322–324, pl. 11 fig. E.—Chiaje, 1825a, 36–37, pl. 10 fig. 5; 1833a, 36–37.—Duj., 1845a, 642.—Joy, 1835a, 505.—Moq.-Tan., 1860a, 386 (larva of *M. d.*).—Olfers, 1816a, 65.—Rail., 1895a, 782.—Rud., 1808a, 166; 1809a, 154 (*conost.*).—Slawikowski, 1819, 79.—Cf. *Conosoma*.
- conostoma* Rud., 1808a, 166; 1809a, 154 (for *conosoma*).—Cf. *Conostoma*.
- constricta* Rud., 1809a, 134–135 (in *Trachinus draco*; *Paris*, *Nap.*); 1819a, 39, 270.—Bellingsh., 1844a, 169 (Ireland).—Ben., 1870, 26.—Carus, 1884, v. 1, 169.—Chatin, 1885a, 41.—Dies., 1851a, 172 (in *Acipenser sturio*, *Cottus scorpio*, *Gadus luscus*, *Platessa limanda*, *Syngnathus acus*, *Trachinus draco*); 1861a, 663.—Duj., 1845a, 190, 192, 203 (in *T. d.*; *Mus. Wien*).—Hofer, 1904a, 228 (in *A. s.*).—Krøyer., 1838–40a, 71, 583, 611; 1846–53a, 704; 1852–53a, 778, 1226 (in *A. s.*, *C. scorpius*, *P. limanda*, *Siphostoma typhle*, *S. acus*, *T. d.*).—Linst., 1880a, 45; 1900, 271.—Mol., 1859h, 23–24.—Olfers, 1816a, 63.—Par., 1887d, 493.—Stoss., 1896a, 56 (50), (so. *capsularia*).—Also reported for *A. guldenstädti*, *C. bubalis*, *G. luscus*, *Hippocampus brevirostris*, *Sciæna aquila*.
- contorta* Mehl. in *Crep.*, 1846a, 148 (in *Triton tæniatus*; by Mehl.).
- conura* Mehl. in *Crep.*, 1846a, 132 (in *Corvus glandarius*; *Ing.*).
- coraciæ* Gmel., 1790a, 3033 (sub *cute jugulari* *Coraciæ garrulæ*; Gœze, 1782a, 90, pl. 2 fig. 5, etc.).—Brug., 1791a, 93, pl. 30 figs. 12–14 (in *C. europæa*).—Nordm., 1840a, 668 (so. *Fil. coronata*).—Rud., 1809a, 65 (so. *Fil. c.*).
- cornelyi* Cobbold, 1876, PZSL, 294, pl. 21 figs. 1–4 (in *Numida vulturina*; by Cornely); 1879b, 447.—Stoss., 1896a, 71 (65) (in *N. vulturica*).
- cornicis* Gmel., 1790a, 3033 (in *Cornicis ventriculo*; Gœze, 1782a, 75).—Bennet & Olivier, 1826a, 13 (in *crow*).—Dies., 1851a, 191 (in *Corvus cornix*; *Greifsw.*).—Duj., 1845a, 170.—Linst., 1875a, 202, pl. 4 fig. 32 C.—Rud., 1809a, 196–197 (in *C. c.*); 1814a, 92; 1819a, 54.—Stoss., 1896a, 33 (27) (so. *ensicaudata*); 1898, 70.
- cornuta* Stoss., 1904b, 1–2 (in *Thynnus vulg.*; *Trieste*).

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- coronata* Linst., 1906, Jan., 165, pl. 1 fig. 3 (in *Ardeola grayi*; Tissamaharama, Ceylon).
- corvi-frugilegi* Rud., 1819a, 54, 297 (in *Corvus frugilegus*; C. E. V.).—Dies., 1851a, 192 (s. *frugilegi*) (in C. f.; M. C. V.).—Duj., 1845a, 170.—Stoss., 1896a, 33 (27) (so. *ensicaudata*); 1898, 70.
- corvi-glandarii* Viborg, 1795, 235 [nv.].—Dies., 1851a, 191–192 (in C. g.; M. C. V.).—Duj., 1845a, 170.—Rud., 1809a, 197 (in *Corvus glandarius*): 1819a, 54, 297 (in C. g.).—Stoss., 1896a, 34 (28) (so. *ensicaudata*); 1898, 70.
- [*couleti* Browne, 1756, 382 (in *Homo*; Jamaica) (not as specific name).]
- crassa* Deslgch., 1824e, 89–90 (in *Anas boschas dom.*; Ing.).—Bail., 1866b, 36.—Dies., 1851a, 170 (so. *inflexa*).—Duj., 1845a, 202.—Gedølst, 1903a, 58; 1911a, 131 (in A. d.).—Hut. & Mar., 1906a, 399; 1910b, 500; 1913b, 500.—Mol., 1861c, 287 (so. *inf.*).—Nev.-Lem., 1912a, 669.—Rail., 1893a, 405 (s. *anatis* Gmel., *inflexa*).—Rail. & Henry, 1912, 256 (to *Porrocaecum*).—Verrill, 1870, 180.—Wehrmann, 1909a, 233, 234, 235 (in *Anas b. dom.*, A. b., *Numida meleagris*).
- crassicauda* Rud., 1819a, 50, 291 (in *Labrus tinca*; Mus. Wien).—Carus, 1884, v. 1, 168.—Dies., 1851a, 161 (in *Crenilabrus tinca*; M. C. V.).—Duj., 1845a, 184–185.—Olss., 1869b, 499, 514.—Par., 1894a, 218.—Stoss., 1896a, 84 (78) (in Cr. t.).
- crenata* Schrank, 1790a, 121 (in *Felis catus*; teste Schrank); 1803b, 196–197 (in cat.).—Rud., 1809a, 236.
- crenata* (Zed., 1800) Rud., 1809a, 146–147 (in *Sturnus vulg.*): 1819a, 43.—Dies., 1851a, 185 (in S. v.).—Duj., 1845a, 199–200.—Linst., 1879a, 168, pl. 11 figs. 7–8 (in S. v.).—[? Olfers, 1816a, 62, 63].—Stoss., 1896a, 33 (27) (so. *ensicaudata*); 1898, 70.—Thomps., 1844, 439 (in S. v.).
- crenulata* Brems., 1824c, 5, pl. 4 fig. 24 (in *Felis onca*).—Dies., 1851a, 179 (var. of *leptopt.*).
- criniformis* Gœze, 1782a, 106–107, pl. 3 figs. 1–4 (in *Ursus meles*; Germany).—Cat. RCSL, 1830, 41 (in *Meles vulg.*).—Dies., 1851a, 300 (to *Doch.*).—Duj., 1845a, 276 (to D.).—Fabr., 1794a, 11.—Frøel., 1789a, 136 (so. *Unc. melis*).—Looss, 1902c, 422 (so. *U. vulpis*); 1905a, 23, 24, 25 (not *Str. crinif.*), 28 (= ? *Unc. crinif.*).—Mol., 1861a, 476 (52), 495 (71) (to D.).—Müll., 1787a, 55 (so. *Str. sp.*).—Par. & Grassi, 1877, 193 (to D.).—Rud., 1793a, 18 (so. *U. melis*); 1802a, 39 (to *Str.*); 1809a, 234 (to *Str.*).—Stiles, 1903k, 12, 15.—Zed., 1803a, 90 (to *Str.*).
- crino* Rail. & Cadiot, 1892f (g), 482 (1) (in heart of dog).
- crinon* Brug., 1792a, 131, 136–137 (s. *Crinon*) (*Equus caballus*, *Canis fam.*, *Ovis aries*; by Chabert).—Bohe-Moreau, 1813a, 4 (in heart of dog).
- cristata* Linst., 1872e, 148–155, pl. 6 figs. 1–19 (larva in *Abramis brama*; Ratzeburger See); 1873h, 232; 1887d, 107 (in A. b.); 1903u, 267; 1909a, 49, fig. 3 (in A. b., *Anguilla vulg.*, *Esox lucius*).—Hofer, 1904a, 228 (in *Abr. b.*, A. vimba, E. l.).—Kowal., 1894b, 226; 1894, 7.—Müeh., 1898b, 44.—Srámek, 1901, 96 (in E. l.), 97, fig. 50.—Stoss., 1896a, 49 (43) (in E. l.; Ratzeburg).—Zsch., 1884, 67
- cuticularis* Zed., 1803a, 92 (so. *Str. auricularis*) (in *Rana temp.*; teste Gœze, 1782a, 98 [? for *Cucullanus*]).
- cuneiformis* (Zed., 1800) Rud., 1809a, 177; 1819a, 50 (in *Cyprinus cultratus*, C. idus; C. E. V.).—Bellingh., 1844a, 172.—Dies., 1851a, 163 (in *Cyprinus*, *Gobio vulg.*).—Duj., 1845a, 185–186.—Hofer, 1904a, 228 (in G. fluv., *Idus melanotus*, *Pelecus cultr.*).—Krøyt., 1846–53a, 349, 462, 523, (in G. f., *Leuciscus idus*, P. c.).—Olfers, 1816a, 64.—Stoss., 1896a, 84–85 (78–79), (in C. cultr., C. idus; Wien; G. fluv., Ireland).—Zsch., 1884, 76 (so. *Disph. filiformis*).
- cuspidata* Rud., 1814a, 93 (in *Geotrupes nasicornis*; Berl.). 1819a, 52, 294–295 (in G. n.; B.).—Crep., 1839a, 282.—Duj., 1845a, 194 (in *Lucanus capreolus*, *Oryctes nasicornis*).—Olfers, 1816a, 64.
- cuspidata* Cobbold, 1874a, 125, pl. 18 fig. 6 (in *Green mona-monkey*; by Murie); 1879b, 291 (in *Cynoc. porcarius*).—Stoss., 1896a, 67 (61) (in *Cercopithecus sabæus*).
- cyclopteri* Dies., 1851a, 204 (in *Cyclopterus lumpus*; Ireland, Bellingh., 1844a, 174).—Stoss., 1896a, 85 (79), (in C. l.).

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- cygni* Gmel., 1790a, 3033 (in *Cygni* intest.; Redi, 80).—Bennet & Olivier, 1826a, 14 (in swan).—Rud., 1809a, 71 (to Fil.).
- cylindrica* Leidy, 1849a, 229 (in *Helix alternata*; by Leidy); 1856b, 52; 1904a, 18–19, 97.—Conte & Bonnet, 1904, 66.—Dies., 1851a, 559 (to *Angiost.*).—Schneid., 1866a, 155 (in H.a.).
- cynædi* Rud., 1819a, 58, 301 (in *Labrus cynædus*; Nap.).—Carus, 1884, v. 1, 171.—Dies., 1851a, 201 (in L. c.; M. C. V.).—Duj., 1845a, 184.—Par., 1894a, 218.—Stoss., 1896a, 85 (79) (in L. c.; N.).
- cynonycteridis* Par., 1889c, 768, pl. 3 figs. 5–6 (in *Cynonycteris amplexicaudata*; Birmania); 1891, v. 10, 494.—Stoss., 1896a, 52 (46) (in C. a.; B.).
- cyprini-erythrophthalmi* Rud., 1810a, 375 (in *Cyprinus erythrophth.*; by Braun); 1819a, 60 (in C. e.).—Dies., 1851a, 204 (in *Leuciscus e.*).—Duj., 1845a, 186.—Hofer, 1904a, 228 (in *Scardinius e.*).—Stoss., 1896a, 85 (79) (in S. e.).
- cystidicola* Crep., 1839a, 282 (in *Sylvia atricapilla*; by Schill.); 1846a, 133 (in S. a.).
- dactylura* Cat. RCSL, 1830, 43 (for *dactyluris*) (cf. *testudinis-terrestris*).—Duj., 1845a, 654.—Schneid., 1866a, 116, 120, 124.—Reported for *Testudo græca*, T. marginata.
- dactyluris* Rud., 1819a, 40, 272 (s. *Vermis dubius testudinis-terrestris* 1809a, 266, 581) (in *Testudo græca*; Rome).—Dies., 1851a, 151 (in *Chersus marginatus*, *Podocnemis tracax*, *P. expansa*, *Rhinemys nasuta*, T. g.; Brazil, M. C. V.); 1861a, 656 (in T. g., Padua); 1861c, 275.—Kœll., 1843a, 110, 117.—Macalister, 1866a, 79–86 to (*Atractis*); 1866b, 294–301; 1866c, 1–7, 1 pl.—Macé, 1887a, 306–308; 1887b, 512; 1887c, 401.—Mol., 1858d, 145; 1861c, 278 (in T. g.; Padua).—Stoss., 1898, 80.
- decipiens* Krabbe, 1878a, 45–47, fig. 1, pl. 1 fig. 3 (in *Cystophora cristata*, *Phoca barbata*, *P. groenlandica*, *P. hispida*, *P. vitulina*, *Trichechus rosmarus*; Greenland).—Baylis, 1916, P, 361, 365–368, 369, 371, 372, 375, pl. 14 fig. 4, pl. 15 fig. 1, pl. 16 figs. 3–4 (in *Otaria jubata*; Kerguelen Id.).—Jægers., 1893a, 21, 111, 26; 1894b, 467, figs. 14, 26, 40, 41; 1897, 20; 1898a, 738, 740, 787, 791, 793, figs. 5–6.—Linst., 1901e, 273; 1905bb, 182–183 (so. osculata); 1905, 96; 1907, 468.—Nassonov, 1899a, in 61–86, 2 pl.—Rail & Henry, 1907, 1, 2–3, 4, 7, 9, 10, 13, 14 (in *Leptonychotes weddellii*, *Omnatophoca rossii*).—Shibley, 1905k, 96, 102 (in P. b., P. g., P. h., P. v., T. r.; G.).—Stiles & Hass., 1899a, 100, 105, 107, 109–120, 138, 139, 144, 154, 157, 158 (adult in *Callorhinus ursinus*, *Cystophora cr.*, *Erignathus barbatus*, *Eumetopias stelleri*, *Halichærus grypus*, *Macrorhinus angustirostris*, *Odobenus rosmarus*, *Phoca foetida*, P. gr., P. largha, *P. vitulina*, seal gen. ? sp. ?; larva in *Gadus macroc.*, *Theragra chalcogramma*; Bering Sea, Greenland, Spitzbergen, Mus. Wien, Bohuslan, Schleswig, Leipzig, Faroë, Iceland, Popoff Isl.).—Stoss., 1896a, 20 (14) (in C. cr., Hal. gr., P. g., P. b., P. h., P. v., Tr. rosm.); 1902, 2.—Zsch., 1903, 19.
- dehiscens* Linst., 1905dd, 1, pl. 1 fig. 1 (in *Phoca foetida*; Zarjahafen).—Rail & Henry, 1907, 1.
- delphini* Rud., 1819a, 54, 296 (in *Delphinus gangeticus*; Lebeck, 1801a, 282).—Ben., 1870a, 359.—Cobbold, 1879b, 426.—Duj., 1845a, 221 (in D. g.).—Stiles & Hass., 1899a, 108, 120, 121, 122, 123, 124, 125, 126, 159, 160, 162–163 (in *Platanista gangetica*; near Calcutta).—Stoss., 1896a, 17 (11) (so. simplex).
- delphini-gangetici* Dies., 1851a, 155 (so. simplex) (for *delphini*).—Stiles & Hass., 1899a, 162 (so. *delphini*).
- dentata* (Zed., 1800) Rud., 1809a, 160–161 (in *Cyprinus barbus*); 1819a, 45, 281–282.—Baird, 1853a, 22.—Bellingh., 1844a, 171.—Ben., 1858a, 1861a, 280, 281, 282.—Blainv., 1828a, 541.—Brems., 1824a, 128.—Bütsch., 1876, 228, 229, 230.—Dies., 1851a, 165–166 (in *Acerina schretzer*, *Aspro* vulg., *Barbus communis*, *Cobitis barbatula*, *Leuciscus cephalus*, *L. rutilus*, *Thymallus vexillifer*; M. C. V., Ireland).—Duj., 1845a, 185, 186 (in Co. b., *Cyprinus barbus*).—Grimm, 1872a, 248–250 (in C. b.); 1872, v. 9, 433.—Hofer, 1904a, 228, 238, fig. 153 (in *Aspro* v., *Acerina schretzer*, *B. fluviatilis*, C. b., L. r., *Squalius cephalus*, *Trutta trutta*, *Thymallus vulg.*).—Kœll., 1843a, 69–85, 86, 88, 90, 96, 97, 101, 103, 105, 107, 109, 120, 130, 135, 137, figs. 1–20.—Kroy., 1846–53a, 333, 552; 1852–53a, 1215, 1224, (in B. f., Co. b., L. r., T. v.).—Leuck., 1867b, 87, 92.—Linst., 1909a, 51 (in B. f., Co. b., A. s., L. r., S. c., T. v., T. t.).—Moul., 1856a, 31.—Olfers, 1816a, 64.—Schneid., 1866a, 287, 299.—Sieb., 1845.

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213.—Srámek, 1901 96–97 (in *Squalius dobula*) fig. 51.—Stoss., 1896a(b), 85–86 (79–80) (in *A. schretser*, Aspro v., B. f., Co. b., L. r., L. cephalus, T. t., T. v.).—Will.-Suhm, 1870, 24, 25.—Zsch., 1896, 773, 775, 784, 817, 822 (in *Barbus fluvi.*).—Also reported for *Mullus barbatus*, *Salmo thymallus*.

depressa (Zed., 1800) Rud., 1809a, 143–144, 190; 1810a, 373, 379; 1814a, 90; 1819a, 42, 276–278 (in *Falco albicilla*, *F. milvus*), 655.—Baird, 1853a, 23.—Bellingh., 1844a, 169.—Clerc, 1903, 245, 246, 247, 256; 1905, 32, 33.—Cobbold, 1858b, 164 (in *F. tinnunculus*, *F. m.*); 1861e, 122; 1874t, 790; 1879b, 447.—Crep., 1846a, 129.—Dies., 1851a, 156–157 (in *F. ater*, *F. apivorus*, *F. albicilla*, *F. brasiliensis*, *F. buteo*, *F. cyaneus*, *F. chrysaetos*, *F. degener*, *F. gallicus*, *F. imperialis*, *F. lithofalco*, *F. lanarius*, *F. lagopus*, *F. milvus*, *F. nisus*, *F. naevius*, *F. peregrinus*, *F. pennatus*, *F. palumbarius*, *F. rutilans*, *F. rufus*, *F. tinnunculus*, *Strix aluco*, *S. brachyotus*, *S. bubo*, *S. flammea*, *S. nyctea*, *S. otus*, *S. stridula*, *S. tangmalmi*, *Vultur cinereus*, *V. fulvus*; *M. C. V.*, Europe, Ireland, Brazil); 1861a, 657 (in *Strix nivea*; Pa.); 1861c, 276.—Duj., 1845a, 196.—Giebel, 1857a, 268.—Kowal., 1904, 6 (21) (in *Archibuteo lagopus*, *Astur palumbarius*).—Leidy, 1858a, 112; 1886e, 311; 1887b, 21.—Lepri, 1898a, 53, 54, 67–68.—Linst., 1875a, 202, pl. 4 fig. 29B; 1876a, 3; 1878a, 16, 17 (larva in *Sorex tetragonurus*, *Talpa europæa*); 1883a, 277; 1886c, 3; 1901e, 272; 1903u, 267, 271; 1909a, 51 fig. 10 (in *Circus aeruginosus*, *Milvus milvus*).—Leuck., 1867b, 98.—Mol., 1858d, 146; 1861c, 280–281, 282 (in *Falco albicilla*, *F. apivorus*, *F. ater*, *F. brasiliensis*, *F. buteo*, *F. chrysaetos*, *F. cyaneus*, *F. degener*, *F. gallicus*, *F. imperialis*, *F. lagopus*, *F. lanarius*, *F. lithofalco*, *F. milvus*, *F. naevius*, *F. nisus*, *F. palumbarius*, *F. pennatus*, *F. peregrinus*, *F. rufus*, *F. rutilans*, *F. tinnunculus*, *Strix aluco*, *S. brachyotus*, *S. bubo*, *S. flammea*, *S. nyctea*, *S. otus*, *S. stridula*, *S. tangmalmi*, *Vultur cinereus*, *V. fulvus*).—Mordw., 1908, v. 13, 157, 188.—Mûeh., 1898b, 44.—Muell., 1904a, 119.—Olfers, 1816a, 62, 63.—Par., 1887b, 339–340; 1887c, 493; 1887, 67; 1894a, 214.—Porta, 1911, 376.—Schneid., 1866a, 31, 40–41, 274, 286, 295, 311, 1 fig., pl. 1 fig. 6 (in *V. fulvus*; Wien).—Seur., 1916, 314, 342.—Shipley, 1896a (1901b), 141.—Skrj., 1916, 485, fig. 16 (in *Circus cinereus*; Aoulié-ata).—Stiles & Hass., 1894e, 340 (in “*Poules*” virginianus, *Strix brachyotus*).—Stoss., 1889, 182; 1890, 130; 1892, 71; 1893, v. 14, 84; 1895, 34; 1896a, 29–31 (23–25) (in *Astur palumbarius*, *Accipiter nisus*, *Aquila imperialis*, *A. naevia*, *A. chrysaetos*, *Buteo lagopus*, *B. vulg.*, *Bubo maximus*, *B. virginianus*, *Circus aeruginosus*, *C. cyaneus*, *C. cinereus*, *Circæus gallicus*, *Falco apivorus*, *F. lan.*, *F. pen.*, *F. per.*, *F. lith.*, *F. br.*, *F. deg.*, *F. rut.*, *F. tinn.*, *Gyps fulvus*, *Gypæus barbatus*, *Haliaetus albicilla*, *Milvus ater*, *M. regalis*, *Nisaetus fasciatus*, *Vultur monachus*); 1897, 1; 1898, 69; 1899, 3; 1902, 2.—Walter, 1866, v. 7, 19; 1866, 69.—Wedl, 1856, v. 19, 35.—Will.-Suhm, 1870, 15.—Wolffh., 1900, 10, 12, 13, 14, 15, 16.—Also reported for *Aquila albicilla*, *A. fasciata*, *A. pennata*, *Archibuteo vulg.*, *Circus rufus*, *Falco aesalon*, *F. brachydactylus*, *Strix dasypus*.

diaci Leidy, 1891a, 411 (in *Quiscalus quiscula*; Penn.); 1904a, 232.—Stiles & Hass., 1894e, 340.

didelphidis Rud., 1819a, 53 (in *Didelphis murina*; C. E. V.).—Dies., 1851a, 208 (renamed *Aspidoc. scoleciformis*).

digitata Linst., 1905t, 355–356, pl. 23 fig. 1 (in *Labrus bergylta*; Norway).

diomedæ Linst., 1888a(b), 6, pl. 1 figs. 12–13 (in *Diomedea brachyura*; Chalenger); 1907, 470 (in *Diomedea* sp., *Loofis albatros*), 1909, 49 (in *D. sp.*).—Stoss., 1896a, 18 (12) (in *Diomedea brachyura*).

dipodis Rud., 1819a, 54 (in *Dipus sagitta*; C. E. V.).—Dies., 1851a, 174 (so. tetraptera).—Duj., 1845a, 165.—Hall, 1916a, 86, 90 (so. *Oxyuris tetraptera*).—Stoss., 1898, 82.

dipsadomorphi Linst., 1903k, 109, fig. 4 (in *Dipsadomorphus dendrophilus*; Aring, Siam).—Shipley, 1903, 153.

dispar Schrank, 1790a, 120 (*Anser dom.*; teste Schrank); 1793, 94–98, figs. 3–6; 1803, 198–199.—Blainv., 1828a, 541.—Cobbold, [1861e], 122; 1879b, 447 (in *Bernicla sandwichensis*).—Crep., 1825a, 17–21; 1846, 144.—Dav., 1877a, xcix.—Dies., 1851a, 149 (in *Anas anser dom.*, *A. canadensis*, *A. leucops*, *A. moschata*; *M.C.V.*).—Mol., 1861c, 291 (to *Heteracis*).—Oken, 1815a, 202.—Olfers, 1816a, 64.—Perronc., 1882a, 305 (*dispari*).—Rail., 1893a, 408 (to

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- Het.).—Rud., 1809a, 157–158, 162 (in intest. coecis *Anserum saginatorum*); 1819a, 45 (in *A. canadensis*; C.E.V.).—Schneid., 1866a, 30, 66, 75, 76.—Wedl, 1855, 302.
- distans* Rud., 1809a, 128–129; 1819a, 38 (in *Simia sabæa*; Berl.).—Cobbold, 1879b, 291 (in marmosets).—Dies., 1851a, 146 (in *Cebus caligatus*, *Jacchus bicolor*, *J. chrysoleucus*, *J. melanurus*, *Simia fuliginosa*, S. s.; M.C.V.).—Duj., 1845a, 220 [to (*Anisakis*)].—Linst., 1900g, 5–9, figs. 10–12.—Olfers, 1816a, 62.—Schneid., 1866a, 73.
- draschei* Stoss., 1896a, 24 (18) (s. *serrata* Drasche) (in *Vastres cuvieri*; Ing.).
- drepanopsetta* Linst., 1901e, 276 (in *Drepanopsetta platessoides*; Murmanmeer, O. Lica); 1903u, 274 (in D. p.).
- [*dubia* Crep., 1844a, 125 “doubtful *Ascaris*,” not a specific name, refers to *succisa*.]
- dugonis* Dies., 1851a, 191 (based on Ruppel, 1834 & Brandt, 1846, 192, & 1849, 100) (s. *Entozoa dugonis*) (in *Halicoris dugung*; Red Sea); 1861a, 662 (so. *halicoris*).—Stiles & Hass., 1899a, 147, 149.—Stoss., 1896a, 68 (62) (so. h.).
- dussumierii* Ben., 1870a, 362–363 (in *Delphinus* sp.; à l’ouest des îles Maldives).—Cobbold, 1879b, 426.—Stiles & Hass., 1899a, 103, 108, 122, 123, 124, 125, 126, 127, 128, 161–162.—Stoss., 1896a, 17 (11) (so. simplex).
- dyspnoos* Gmel., 1790a, 3035 (in *Rana temp.*; based on Goeze 1782a, 98).—Dies., 1851a, 187 (so. *nigrovenosa*).—Rud., 1809a, 147 (so. n.).
- eccaudata* Duj., 1845a, 204–205 (in *Muræna conger*; Rennes).—Carus, 1884, v. 1, 170.—Dies., 1851a, 164 (in *Conger vulg.*; R.); 1861a, 660; 1861c, 276.—Krøyer, 1846–53a, 615 (in *Anguilla conger*).—Mol., 1858d, 148; 1861c, 284–285 (in *Conger conger*; Padua).—Par., 1894a, 220.—Stoss., 1896a, 86 (80) (in C. v.; P.).
- echinata* Rud., 1819a, 47, 284–285, 581, 761 (in *Gecko*, *Lacerta* (*Gecko*) *stellio*; Algesiras, Mus. Wien).—Dies., 1851a, 187–188 (in *Platydictylus guttatus*; Alg.).—Duj., 1845a, 176.—Stoss., 1896a, 78 (72) (in P. g.).
- elephantis* Dies., 1851a, 560 (so. *lonchopt.*) (in *Elephas indicus*; Boston Mus., Jackson, 1847a, 317).
- elongata* Rud., 1819a, 650 (in *Simia beelzebul*; Brazil).—Dies., 1851a, 169 (in *Cebus beelzebub*; B.).—Duj., 1845a, 156–157.—Stoss., 1896a, 68 (62) (in *Ateles b.*; B.).
- emberizæ* Rud., 1819a, 55 (in *Emberiza hortulana*; C.E.V.).—Dies., 1851a, 192 (in E. h.; M.C.V.).—Duj., 1845a, 170.—Stoss., 1896a, 71 (65) (in E. h.).
- engraulidis* (Stoss., 1887) Stoss., 1896a, 60 (54) (in *Alosa sardina*, *Engraulis encrassicholis*; Trieste); 1898, 73.—Barbag. & Drago, 1903, 416 (in A. s., E. e.; Catania).—Par., 1894a, 219.—Also reported for A. vulg.
- ensicaudata* Leidy in Stiles & Hass., 1894e, 340 (in *Mimus proglottus*) (misprint for *ensicaudata*).
- ensicaudata* (Zed., 1800) Rud., 1809a, 145, 192; 1814a, 90; 1819a, 42–43, 278 (in *Turdus merula*).—Baird, 1853a, 24.—Bellingh., 1844a, 170.—Clerc, 1903, 250, 25 252, 253, 254, 256; 1905, 32 (*euricaudata*).—Dies., 1851a, 184–185 (in *Sylvia turdoides*, *Turdus iliacus*, T. musicus, T. merula, T. pilaris, T. saxatilis, T. torquatus, T. viscivorus; M.C.V.).—Dobell, 1909, 300, 301, fig. 18B.—Duj., 1845a, 198–199.—Jægers., 1894b, 454.—Leidy, 1886e, 311 (in *Mimus proglottus*).—Linst., 1883a, 277; 1884a, 125–127, figs. 1–3; 1885b, 239; 1886c, 3; 1905t, 356; 1909a, 51, fig. 11 (in *Acrocephalus arundinaceus*, *Anas boschas*, *Charadrius dubius*, *Gallinula chloropus*).—Mûeh., 1898b, 44–45.—Mûell., 1904a, 119.—Oken, 1815a, 201.—Olfers, 1816a, 65.—Par., 1887b, 340 (68) (in S. t., *Sturnus vulg.*, T. i., T. mus., T. mer., T. p., T. s., T. t., T. v.; 1894a, 214; 1899a, 13; 1899b, 97 (so. *heteroura*).—Schneid., 1866a, 31, 41–42, 1 fig., pl. 1 fig. 7 (in T. p.; Berl.).—Stoss., 1889, v. 11, 30; 1891, v. 13, 110; 1892, v. 7, 71; 1893, v. 14, 83; 1896a, 33–35 (27–29) (in *Corvus corone*, C. cornix, C. frugilegus, C. glandarius, *Charadrius hiaticula*, C. morinellus, C. pluvialis, *Gallinula chloropus*, *Himantopus melanopterus*, *Luscinia philomela*, *Motacilla alba*, *Mimus polyglottus*, *Oedienemus crepitans*, *Pluvialis apricarius*, *Pica caudata*, *Salicaria turdoides*, *Sturnus vulg.*, *Turdus i.*, T. mer., T. mus., T. p., T. s., T. t., T. v., *Vanellus cristatus*, V. melanogaster); 1896, 121; 1897, 1; 1898, 70.—Wolfh., 1900, 10, 23, 24, 30, 33, 40, 41, 45.—Also reported for *Alauda* sp., *Merula nigra*, *Squatarola helvetica*.

ASCARIS—Continued.

- entomelas* Leidy, 1851b, 206 (in lungs of *Rana halecina*: lng. [U. S. A.]); 1856b, 51; 1904a, 47-48, 96.—Dies., 1861a, 667 (in R. h.; Penn.).—Stiles & Hass., 1894e, 341 (in R. h.).—Stoss., 1896a, 81 (75) (in R. h.; N. A.).
- eperlani* Linst., 1878b, 237 (s. *Nematoideum salmonis-eperlani*, *Agamonema bicolor pars*) pl. 9 fig. 24 (larva in *Osmorus eperlani*: lng.); 1895a, 519, pl. 30 figs. 9-16; 1909a, 54 (in O. e.).—Hofer, 1904a, 271 (in O. e.).—Jägers., 1898a, 788.—Stiles & Hass., 1899a, 118 (in O. e.).—Stoss., 1896a, 59 (53) (in O. e.).
- equi* Schrank, 1788a, 7 (in *Equus cab.*; Gœze, 1782a, 63 pl. 1 figs. 1-3); 1803, 193.—Barth., 1905, May 25; 1905, 180-181 (perforation in E. c.).—Brug., 1791a, 92-93, pl. 30 fig. 1-3.—Dies., 1851a, 168 (so. megaloc.).—Galli-Val., 1915, CfB, 517.—Geddes, 1911a, 131 (in donkey, horse, mule, ox).—Gmel., 1790a, 3032.—Rud., 1809a, 125 (so. *lumbricoides*).—Stoss., 1896a, 9 (3) (so. meg.).
- equorum* Gœze, 1782a, 63-65 (in *Equus cab.*; Germany).—Bossuat, 1902, v. 6 (2), 197 (in E. c.).—Campb. & Lacr., 1907, 69.—Craig, 1915, 491.—Desoubry, 1905, Apr. 30, 164-165.—Emile-Neil & Boyé, 1910, v. 69, 284-285.—Fox, 1910, 23; 1911, 28 (in Chapman's zebra).—Galli-Val., 1898c, 7; 1901c, 363; 1908, 611.—Gough, 1908, 3 (in horse, zebra; S. Africa).—Jammes & Martin, 1908, 123; 1908, 208, 209.—Martin, 1913, 4, 21-30, 40, 41, 43, 45, 48, 49, 50, 55, 64, 65-66, 68, 69, 74, 75, 80, 85, 86, 87, 88, 90, 91, 92, 94, 95, 97, 98, 100, 102, 104, 106, 111, 112, 115, 122, 123, 124, 127, 129, 130, 133, 134, 136, 137, 138, 141, 143, 145, 146.—Pratt, 1916a, 225.—Rans., 1911a, 25.—Rail., 1893a, 402; 1915, 491, 734 (in horses).—Sl. & Sw., 1912a, 370.—Smith, 1908, 265 (in E. burchelli).—Stoss., 1896a, 9 (3) (so. megaloc.).—Vauil., 1901, 98, 130, 135.—Ward, 1895a, 297, fig. 57 (in E. c., E. mulus) 299, 333 (in ? *Bos taurus*) 339.—Weil & Boyé, 1910, v. 69, v. 2 (29), 284-285 (extr., coagulation of blood); 1910, v. 18 (86) 805; 1910, v. 35 (12), 750.—Wolffh., 1911, 77.—Zed., 1800a, 25.
- eristata* Linst., 1872e, 154 (misprint for *cristata*) (in *Abramis brama*).
- euricaudata* Clerc, 1905, 32 (misprint for *ensicaudata*).
- eurina* Linst., 1903u, 270-271, pl. 18 fig. 1 (in *Pelecanus minor*; Petrograd Mus.); 1904a, 6-7 (in P. m.).—Skrj., 1916, 45, 121, pl. 3 figs. 12-14 (in *Phalacrocorax sp.*).
- extenuata* Rud., 1819a, 47-48, 287, 581, 593 (in *Lacerta margaritacea*; Algieras).—Dies., 1851a, 154 (in *Chrysomelopus ocellatus*; M. C. V.).—Duj., 1845a, 175.—Rail. & Henry, 1916, CrSB, 114 (so. *Pharyngodon acanthurus*).
- fabri* Rud., 1819a, 57, 300 (in *Zeus faber*; Rimini).—Carus, 1884, v. 1, 171.—Dies., 1851a, 199 (in Z. f.; M. C. V.).—Duj., 1845a, 182.—Hamann, 1895, v. 2, 97, pl. 5 fig. 8.—Jägers., 1897, 19.—Mol., 1861c, 285 (so. *biuncinata*).—Par., 1894a, 217; 1899a, 13; 1899b, 97 (s. b.) (in Z. f.; Portoferraio); 1902b, 14.—Stoss., 1887, v. 9, 187; 1896a, 40-41 (34-35) (in *Pagellus erythrinus*, *Trachinus viviparus*, Z. f.); 1898, 68.
- falcigera* Rail. & Henry, 1907b, 2, 3, 4-7, 10, 13, 14, figs. 1-2, pl. 1 figs. 1-7 (in *Leptonychotes weddelli*, *Omnatophoca rossi*; Booth-Wandel Island).—Garin, 1913, 34, 36-41, 44, 49, 79, 80, 148, figs. 6-7.
- fallax* Rud., 1819a, 43, 279 (in *Lacerta viridis*; Mus. Wien).—Duj., 1845a, 176 (in L.).—Schneid., 1866a, 65.—Stoss., 1889l (m), 42 (7) (of Duj., so. *Physalopt. abbreviata*).
- farionis* Gmel., 1790a, 3036 (in *farionis* intest.; Gœze, 1782a, 77).—Dies., 1851a, 178 (so. *obtusicaudata*).—Rud., 1809a, 178, 202 (so. *truttæ*).
- felis* Gmel., 1790a, 3031 (in *Felis catus*).—R. Bl., 1888a, 704 (so. *mystax*) 706.—Bennet & Olivier, 1826a, 10-11 (in house cat).—Braun, 1903a, 302; 1908a, 341; 1915a, 366.—Brumpt, 1913a, 413.—Brug., 1791, 91, pl. 31 figs. 7-12.—Dies., 1851a, 180 (so. mys.).—Edwards, 1911, v. 7, 309-313, pl. 28 figs. 1-9.—Fiebiger, 1912a, 297.—Frœl., ?, 141.—Glaue, 1909, ZA, v. 33, in 785-790 (& canis); 1909, (4) 463 (so. mys.); 1910, ZwZ, v. 95, in 551-593, 26 figs. (& canis); 1910, ZA, 744, 746, 748, 751, 753, 755, 756, 757.—Krüger, 1913, ZwZ, 89.—Nordm., 1840a, 655 (so. mys.).—Martin, 1912, ZA, 51 fig. 2; 1913, 55, 100.—Rud., 1793a, 11; 1802a, 13; 1809a, 140, 141 (so. mys.).—Schelver, 1800, v. 1, 162-164.—Schöppler & Krüger, 1912, CfB, v. 62, 143-146 (and canis).—Stoss., 1896a, 14 (8) (so. mys.); 1898, 67.—Walton, 1916, 39; 1916, 364-372, figs. A-F, 1-12 (and canis).—Ward, 1895a, 330 (so. canis) (in *Homo*) 342 (in *Canis* fam.); 1903, 223 (so. c.).—Wolffh., 1911, 77.

ASCARIS—Continued.

- felis-discoloris* Leidy, 1851a, 155 (in *Felis discolor*; Ing. [U. S. A.]); 1856b, 50 (so. leptopt.); 1904a, 45.—Dies., 1861a, 665 (so. 1.).
- ferox* Hempr. & Ehrenb., 1828a [nv.].—Bischoff, 1913, 275.—Hall, 1916a 42, 43 (so. *Crossophorus collaris*).—Leuck., 1868a, 267.—Linst., 1901b, 410; 1908, v. 13, 21 (in *Procavia* (*Hyrax*) *capensis*; Africa).—Par., 1885a, 439.—Schneid., 1866a, 32, 33, 35, 40 (s. *Crossophorus collaris*), 189, 1 fig., pl. 2 figs. 1-2, pl. 15 fig. 17, pl. 16 fig. 1 (in *Hyrax syriacus*; Red Sea).—Setti, 1897, 45-46.—Shipley, 1896, 141.—Stewart, 1914, 166.—Stoss., 1896a, 18-19 (12-13) (in *H. capensis*, H. s.; Red Sea).—Also reported for *Heterohyrax mossambica*.
- filaria* Duj., 1845a, 177, 653-654 (in a large serpent, probably *Python*; Pondichéry).—Dies., 1851a, 160 (in *Astrophis tigris*; M. C. V.).—Linst., 1903c, 109.—Par., 1898b, 12.—Skrj., 1916, 46, 121 (in *Bitis gabonica*).—Stoss., 1896a, 79 (73) (in A. t.).—Also reported for *Python t.*
- filariformis* Stoss., 1902d (e), 66 (6) (in *Scopelus caudispinosus*; Genova).
- filholi* Chatin, 1885a, 39-41 (in fish; either Campbell Isl. or New Zealand).—Stoss., 1896a, 86 (80).
- filicollis* Rud., 1802a, 23-25, figs. 1A-C (s. *Trichoc. auricularis*) (in Lamm, Hammel; by Rud.); 1803, 17 (to Str.). 1809a, 217 (to S.).—Dies., 1851a, 318-319 (to S.).—Rans., 1911a, 82 (to *Nematodirus*).—Ward, 1895a, 336 (in *Ovis aries*).
- filiformis* Goeze, 1782a, 39, 91, 93, 94, 95, 100, 109, pl. 2 figs. 6-7, pl. 4 figs. 1-3 (in birds, calves, fish, frogs) [see also *filiiformis* Schrank and *fili. cauda rotundata*].—Dies., 1851a, 314 (pars so. *Str. auricularis*).—Duj., 1845a, 131 (pars so. S. a.).—Encycl. méth., 1792, v. 1, 135 (see *variegata*).—Mol., 1861c, 331 (so. S. a.).—Rud., 1809a, 147 (of Goeze, pl. 5 figs. 6-17, so. *nigrovenosa*), 223 (of Goeze, pl. 4 figs. 1-3, so. S. a.), 246.—Zed., 1800a, 80 (so. S. a.); 1803a, 92 (so. S. a.).
- filiformis* Schrank, 1788a, 11 (in den Lungen der Kälber, Schweine; in der Eingeweiden der Forellen; Goeze, 1782a, 91, pl. 2 figs. 6-7).
- filiformis* Stoss., 1904b, 2, figs. 4-6 (in *Uranoscopus scaber*; Trieste).
- filiformis bufonum* Dies., 1851a, 187 (so. *nigrovenosa*) (in *Rana bufo*; Goeze, 1782a, 95, pl. 5 figs. 6-17).
- filiformis cauda rotundata* Goeze, 1782a, 91, 92, pl. 2 figs. 6-7 (in calves, see also *filiiformis* Schrank).—Dies., 1851a, 316 (so. *Str. micrurus*), 317 (so. S. paradoxus).—Rud., 1809a, 245 (so. S. vitulorum) 246 (so. S. suis).
- fissicollis* Linst., 1906, Jan., 164-165, pl. 1 figs. 1-2 (in *Haliastur indus*; Ceylon).
- fissilabium* Linst., 1873g, 299, pl. 13 fig. 8 (in *Sturnus vulg.*; Ing.); 1873, v. 10, 490.—Seur., 1916; Bs, v. 49, 353 (larva of *Spiropt. turdi*).—Stoss., 1896a, 48 (42) (in S. v.).
- flesi* Linst., 1878b, 238-239, fig. 26 (in *Platessa flesus*; Ing.); 1887d, 107 (in P. f.).—Stoss., 1896a, 59 (53).
- flustræ* Dalyell, 1853a, 92, pl. 10 fig. 27 (in *Flustra carbacea*; Ing.).
- fœcunda* Rud., 1819a, 654 (in *Hyla* sp., *Rana cornuta*; Brazil).—Dies., 1851a, 153 (in *Trachyc. occipitalis*; B.).—Stoss., 1896a, 81 (75) (in T. o.; B.).
- forciparia* Schneid., 1866a, 75, 1 fig. (*forcipata* renamed) (in *Bucco* sp., *Cuculus naïvus*, *C. seniculus*, *C. tingazu*, *Caprimulgus nacandua*, *C. ruficollis*, *C. urutau*, *Dicholophus cristatus*, *Tetrao uru*; Brazil, Algeciras).—Stoss., 1888a (b), 288 (12) (to Het.).
- forcipata* Rud., 1819a, 659-660, 740 (in *Bucco*, *Cuculus naïvus*, *C. seniculus*, *C. tingazu*, *Caprimulgus bacaurau*, *C. urutau*; Brazil).—Dies., 1851a, 147-148 (in *Capito tamatia*, *C. striolatus*, *C. rufiventris*, *C. melanoleucus*, *C. macror.*, *C. collaris*, *Monasa leucops*, *M. tranquilla*, *M. tenebrosa*, *M. torquata*; B., M. C. V.) 173 (of Rud.) (*caprimulgi, cuculi*) (so. *subulata*).—Duj., 1845a, 171.—Stoss., 1896a, 76 (70) (so. s.).
- frugilegi* Schrank, 1790a, 121 (in *Corvus frugilegus*; teste Schrank); 1803, 200.—Dies., 1851a, 192 (so. *corvi-frugilegi*).—Duj., 1845a, 170.—Rud., 1809a, 197 (in C. f.).
- fuligula* Gmel., 1790a, 3033 (in *Anas fuligula*; Bloch, 1782a, 31).—Dies., 1851a, 193-194 (in A. f.).—Linst., 1909a, 53 (in *Nyroca fuligula*).—Rud., 1809a, 197-198 (in A. f.); 1819a, 56.—Stoss., 1896a, 71 (65) (in *Fuligula cristata*).

ASCARIS—Continued.

- funiculus* Deslgch., 1824e, 89 (s. *teres galli* (major). *galli gallinæ*) (in *Gallus dom.*; by Deslongch.).—Dies., 1851a, 170 (so. *inflexa*).—Hass., 1896a, 4, 6 (so. *Het. perspicillum*); 1896b, 2 (so. *H. p.*).—Mol., 1861c, 287 (so. *i.*).—Rail., 1893a, 406 (so. *H. p.*).
- gadi* Müell., 1776a, 214 (in *Gadus*); 1788b, 47–48, 49, pl. 74 fig. 6 (in *G. barbatus*; lng.).—Brug., 1792a, 131, 139.—Dies., 1851a, 177 (so. *clavata*).—Fabr., 1780a, 274–275.—Herbst, 1787a, 27.—Nordm., 1840a, 656 (so. *c.*) (in *G. b.*).—Rathke, ?, 67.—Rud., 1809a, 183 (so. *c.*); 1819a, 57 (so. *gadi-minuti*).
- gadi-æglefini* Dies., 1851a, 198 (s. *clavata* (*æglefini*) Rud., in *Gadus æglefinus*; by Rud.).—Stoss., 1896a, 86 (80) (in *G. a.*).
- gadi-brandti* Linst., 1899b, 8 (a larva in *Gadus brandti*; Jesso, Japan).
- gadi-merlangi* Dies., 1851a, 199 (s. ? *clavata* (*gadi-merlangi*) Rud.) (in *Merlangus communis*; by Gæde).—Stoss., 1896a, 87 (81) (in *M. c.*).
- gadi-minuti* Rud., 1819a, 57, 300 (in *Gadus minutus*; Rimini).—Carus, 1884, v. 1, 171.—Dies., 1851a, 198 (in *G. m.*; A.).—Duj., 1845a, 189.—Par., 1894a, 218.—Stoss., 1896a, 56 (50) (so. *capsularia*).
- galli* Schrank, 1788a, 9 (in *Gallus gallus*; Gœze, 1782a, 86, pl. 1 fig. 7).—Brug., 1791a, 94, pl. 30 fig. 11 A, 11 (in *G. gallinaceus*, *G. gallina*).—Gmel., 1790a, 3034.—Rud., 1809a, 129 (so. *vesicularis*).—Zed., 1800a, 33 (so. *Fus. reflexa*).
- gallinæ* Gmel., 1790a, 3034 (in *gallinæ intestino caeco*; Gœze, 1782a, 86).—Dies., 1851a, 149 (of Frœl., so. *dispar*).—[Frœl., 1789a, 105 (in *Gallus dom.*; by Frœl.).—Mol., 1861c, 291 (of Frœl., so. *Heteracis dispar*).—Rud., 1809a, 129 (of Gmel., so. *vesicularis*) 157 (of Frœl., so. *d.*).—Zed., 1800a, 33 (so. *Fus. reflexa*).
- gallinarum* Schrank, 1788a, 9 (in *Gallus gallus*; Gœze, 1782a, 76, pl. 1 fig. 4); 1803, 199–200.—Dies., 1851a, 148 (so. *vesicularis*).—Frœl., 1802a, 49–50.—Gmel., 1790a, 3034.—Mol., 1861c, 290 (so. *Heteracis vesicularis*).—Rud., 1809a, 129 (so. *v.*).—Zed., 1800a, 33 (so. *Fus. reflexa*).
- gallinulæ* Linst., 1879b, 321, pl. 5 fig. 4 (in *Gallinula chloropus*; lng.).—Stoss., 1896a, 34 (28) (so. *ensicaudata*); 1898, 70.
- gallopavonis* Gmel., 1790a, 3034 (in *Gallopavonis intestinis*; Gœze, 1782a, 85).—Dies., 1851a, 184 (so. *perspicillum*).—Hass., 1896a, 4, 5 (so. *Het. persp.*); 1896b, 2 (so. *H. p.*).—Rail., 1893a, 406 (so. *H. p.*).—Rud., 1803, 10 (so. *p.*); 1809a, 132, 141 (so. *p.*).—Zed., 1803a, 103 (so. *Fus. reflexa*).
- gasterostei* Rud., 1809a, 201 (s. *Gord. lacustris* Fabr.) (in *Gasterosteus aculeatus*; Greifsw.).—1819a, 59.—Dies., 1851a, 201–202 (in *G. a.*; G.).—Duj., 1845a, 182.—Hofer, 1904a, 229 (in *G. a.*).—Linst., 1901e, 273.—Stoss., 1896a, 87 (81) (in *G. a.*).
- genypteri* Stoss., 1902d (e), 66 (6), (in *Genypterus capensis*; Mare del Plata).
- gestri* Par., 1889c (1890), 768–769 (4–5), pl. 3 figs. 7–8 (in *Tropidonotus quincunciatus*; Birmania).—Stoss., 1896a, 53 (47) (in *T. q.*).
- gibbosa* Rud., 1809a, 167–168 (s. *Fus. strumosa*) (in *Phasianus gallus*; by Zed.); 1819a, 48.—Anacker, 1887c, 514.—Bail., 1866b, 36.—Cobbold, 1869a, 67 (in fowl); 1898, 440.—Dav., 1877a, xcix.—Dies., 1851a (in *P. g.*).—Duj., 1845a, 217–218.—Hass., 1896a, 4, 5 (so. *Het. perspicillum*); 1896b, 2 (so. *H. p.*).—Land., 1882, 23.—Nev.-Lem., 1912a, 673.—Olfers, 1816a, 64.—Par., 1900c, 195.—Rail., 1893a, 406 (so. *H. p.*).—Stoss., 1898, 76.
- gigas* Gœze, 1782a, 38, 62–63 (*lumbricoides* renamed).—R. Bl., 1888a, 661 (so. *i.*).—Cat. RCSL, 1830, 42.—Chiaje, 1825a, 9 (so. *i.*).—Dies., 1851a, 168 (so. *megaloc.*).—Rud., 1809a, 125 (so. *i.*).
- gigas equi* Rud., 1809a, 125 (for *equorum* and *lumbricoides*) (in *Equus*; Gœze, 1782a, 62–72, pl. 1 figs. 1–3).—Nordm., 1840a, 654 (so. *i.*).
- gigas hominis* Rud., 1809a, 125 (for *hominum*) (so. *lumbricoides*) (in *Homo*; Gœze, 1782a, 62–72).—Aubinais, 1846a, 50.—Dungl., 1893a, 107.
- gigas suis* Rud., 1809a, 125 (so. *lumbricoides*) (for *suum* Gœze, 1782a, 62–72).
- gigas vituli* Rud., 1809a, 125 (for *vitulorum* Gœze, 1782a, 72) (so. *lumbricoides*).
- glanidis* (siluri) Linst., 1880a, 53 (for *siluri* 1878); 1887d, 107 (larva in *Silurus glanis*; lng.); 1909a, 54 (in *S. g.*).—Hofer, 1904a, 229, 238 (in *S. g.*).—Zsch., 1903, 146, 147.
- glareolæ* Rud., 1819a, 55, 298 (in *Glareola austriaca*; Rimini).—Dies., 1851a, 193 (in *G. a.*).—Duj., 1845a, 173.—Par., 1894a, 215.—Stoss., 1896a, 71 (65) (in *G. a.*).

ASCARIS—Continued.

- globoicola* (Fabr., 1780) Gmel., 1790a, 3036.—Rud., 1810a, 35.
- globulus* Linst., 1899b, 5. pl. 1 figs. 1-2 (in *Felis moormensis*; Malacca, Sunda-Inseln).—Glaue, 1910, ZA, 745.
- gobii* Rud., 1819a, 57 (in *Gobius jozo*; C. E. V.).—Dies., 1851a, 340 (to *Nematoideum*).—Duj., 1845a, 183.
- gobionis* (Schränk, 1788) Gmel., 1790a, 3037.—Bennet & Olivier, 1826a, 20 (in *Cyprinus gobio*).—Fric & Vavra, 1901, 102 (so. *Ichthyonema ovatum*).—Nordm., 1840a, 668 (so. *Fil. ovata*).—Rud., 1809a, 60 (so. *F. o.*).
- gracilescens* Rud., 1819a, 45-46, 282 (in *Clupea sprattus*, C. encrasicolus; Nap., Rimini).—Carus, 1884, v. 1, 169.—Crep., 1839a, 282.—Dies., 1851a, 166 (in *C. harengus*, C. s., *Engraulis encrasicola*).—Duj., 1845a, 188.—Linst., 1885b, 239-240, pl. 13 fig. 11.—Par., 1894a, 219.—Stoss., 1896a, 60 (54) (in *C. h.*, *C. s.*, *E. encrasicolus*; Europe).
- gracillima* Linst., 1890d, 184, pl. 10 fig. 17 (in *Cobitis barbatula*, *Gasterosteus aculeatus*, *Phoxinus lævis*; Ing.); 1909a, 54 (in *C. b.*, *G. a.*, *P. l.*).—Hofer, 1904a, 229 (in *C. b.*, *G. a.*, *P. l.*).—Stoss., 1896a, 60 (54) (in *C. b.*, *G. a.*, *Phoxinus lævis*; Goett.).
- [*græcorum* Pall. (1760a); 1768a, 257 (not as specific name but as so. *Asc. Linn.*).—Huber, 1896a, 588 (so. *Oxyuris vermicularis*).—Simon, 1897, 225.]
- granulosa* Schneid., 1866a, 32, 46 (s. *spiculigera* pars), pl. 1 fig. 16 (in *Tachypetes aquilus*; Brazil).—S., F., & W., 1908a, 287.—Stoss., 1896a, 44 (38) (in *T. a.*).
- gulonis* Gmel., 1790a, 3032 (in *Gulo*; quotes Redi, p. 14).—Duj., 1845a, 159 (non d'un glouton, mais d'une fouine).—Rud., 1810a, 374.
- gulonis* Rud., 1810a, 374 (in *Gulo*; quotes Pall., 1780, p. 40); 1819a, 53.—Dies., 1851a, 189 (in *Gulo arcticus*).—Duj., 1845a, 159.—Linst., 1878a, 40.—Stoss., 1896a, 68 (62) (in *G. a.*).
- gulosa* Rud., 1819a, 40, 271-272, 581 (in *Testudo tabulata*; Berl.).—Dies., 1851a, 154 (in *Chelonoides tabulatus*, *Rhinemys nasuta*, *Testuda græca*; M. C. V., Berl., Brazil, Wien).—Schneid., 1866a, 123.
- gypina* Duj., 1845a, 194-195 (s. *depressa* pars) (in *Vultur cinereus*, *V. fulvus*; Mus. Wien).—Dies., 1851a, 157 (so. d.).—Mol., 1861c, 281 (so. d.).—Stoss., 1896a, 30 (24) (so. d.).
- habena* Lint., 1900a, 269, 282, 302-303, pl. 43 figs. 109-115 (in *Opsanus tau*; Woods Hole); 1901b, 410, 445, 465, 468, figs. 55-56 (in *O. t.*); 1905d, 328, 330, 339, 342, 383, 392, 406-407 (in *Carcharinus obscurus*, *Leiostomus xanthurus*, *O. t.*, *Scoliodon terræ-novæ*; Beaufort).
- halecis* Gmel., 1790a, 3037 (s. *Gord. harengum*) (in *halecis vesiculis seminalibus*; Bloch, 1782a, 33, pl. 8 figs. 7-10).—Bennet & Olivier, 1826a, 19-20 (in herring).—Fabr., 1794, 32, 34.—Noel, 1807a, 81-82.—Rud., 1802a, 3 (so. *Fil. capsularia*); 1809a, 61 (so. *F. c.*).—Seur., 1916, 353 (s. *Agamonema commune*, *Fil. capsularia*, *F. marina*, *F. piscium*, *Filcapsularia communis*).
- halicoris* Owen, 1833a, 121 (in [*Halicore*] hng; Ing.).—Baird, 1859d, 148, 149, pl. 56 figs. 2-2c.—Cobbold, 1879b, 429.—Dies., 1861a, 662 (s. *Entozoa dugonis*) (in *Halicore dugong*; Red Sea); 1861c, 277.—Jägers., 1894b, 454 (in *H. cetacea*).—Krefft, 1871a, 211.—Linst., 1903u, 265; 1906, JPAS, v. 1, 258-260, pl. 10 figs. 1-10 (in *H. d.*; Gulf of Manaar); 1906, 3-5, pl. 1 figs. 4-6 (in *H. d.*; E. India); 1906, 444; 1907, ZC, 345 (*halicaris*).—Par., 1889d, in 751-764, figs. 1-5, pl. 13 figs. 1-16; 1890a, 514-515.—Rail & Henry, 1907, 1.—Stiles & Hass., 1899a, 108, 147-151 (in *Dugong dugon*).—Stoss., 1896a, 68 (62) (in *H. indica*, *Rhytina stelleri*).—Also reported for *Hydrodamalis gigas*.
- harengum* (Bloch, 1782) Schränk, 1788a, 9; 1803b, 204.—Dies., 1851a, 204 (so. *clupearum*).—Frøel., 1802a, 50.—Rud., 1809a, 61 (so. *Fil. capsularia*).
- helicina* Mol., 1860e, 337-338 (in *Crocodilus acutus*; M. C. V.).—Drasche, 1883b, 130, pl. 9 figs. 8-9.—Dies., 1861a, 658 (in *C. a.*; M. C. V.).—Linst., 1904, 4.—Pavesi, 1881a, 295, 296, 297.—Stoss., 1896a, 43 (37) (in *C. a.*).—Also reported for *Alligator lucius*, *A. mississippiensis*.
- helopis* Pall., 1813, 102 [nv.].—Dies., 1851a, 197 (in *Acipenser stellatus*; by Pallas).—Duj., 1845a, 192 (in *A. helopis*).—Linst., 1903u, 271.—Rud., 1819a, 56 (in *A. h.*).—Stoss., 1896a, 87 (81) (in *A. s.*).
- heringii* Linst., 1879b, 320-321, pl. 5 figs. 2-3 (in *Myrmecophaga jubata*; by Hering).—Stoss., 1896a, 48 (42) (in *M. j.*).

ASCARIS—Continued.

- hermaphrodita* Frœl., 1789a, 151–155, pl. 4 figs 11–13 (in small intestines “des grünen Papageyes”; Ing.).—Dies., 1851a, 183 (so. truncata).—Gmel., 1790a, 3033.—Rud., 1802a, 22 (in *Psittacus æstivus*; by Frœl.); 1809a, 160, 195.
- heteroira* Crep., 1829b, 20–21 (in *Charadrius pluvialis*; by Crep.) (apparently misprint for *heteroura*).
- heteroptera* Dies., 1851a, 175 (in *Ibis albicollis*, *I. nudifrons*; Brazil, M. C. V.); 1857a, 12; 1861a, 663.—Drasche, 1883b, 131, pl. 9 figs. 13–16.—Stoss., 1896a, 37 (31) (in I. a., I. n.; Brazil).
- heteroura* Mehl., 1831a, 90, pl. 2 fig. 16 (for *heteroira*) (in *Charadrius pluvialis*; by Crep.).—Bellingh., 1844a, 172 (Ireland).—Dies., 1851a, 158, 159 (s. *charadriorum*, in C. p., C. *morinellus*, C. *œdicnemus*, *Himantopus melanopterus*; Greifsw., M. C. V.).—Duj., 1845a, 200.—Par., 1899a, 13; 1899b, 97 of Bellingh. (s. *ensicaudata* Rud.) (in C. p.; Portoferraio); 1902b, 14 (in C. p., *Sturnus vulgar*, *Squatarola helvetica*, *Turdus musicus*).—Stoss., 1896a, 33 (27) (so. e.); 1898, 70.—Villot, 1875, 470 (so. *semiteres*).
- hippocampi* Rud., 1819a, 56, 299 (in *Syngnathus hippocampus*; Rimini).—Carus, 1884, v. 1, 171.—Dies., 1851a, 197 (in *Hippocampus guttatus*; R.).—Duj., 1845a, 191.—Par., 1894a, 219.—Stoss., 1896a, 87 (81) (in *H. guttatus*).
- hirci* Gmel., 1790a, 3032 (in *hirci intestinis* [Darme eines africanischen Bocks]; Gœze, 1782a, 125).—Rud., 1810a, 265 (so. *Nematoideum antilopes*).
- hirsuta* Ben., 1871a, 70 (in int. *Osmerus eperlanus*; Belgium).—Hofer, 1904a, 229 (in O. e.).—Stoss., 1896a, 87 (81) (in O. e.).
- holoptera* Rud., 1819a, 53, 295–296 (in *Testudo mydas*; Mus. Wien).—Baird, 1853a, 20.—Cobbold, 1866b, 10.—Crep., 1846a, 146.—Dies., 1851a, 159–160 (in *Chersus marginatus*, C. *mauritanicus*, *Testudo græca*; M. C. V.).—Drasche, 1884b, 325, 326, pl. 19 fig. 1 (in T. g.).—Duj., 1845a, 173–174.—Galli-Val., 1901c, 363 (in T. g.).—Jägers., 1894b, 454 (in T. g.).—Linst., 1903u, 267; 1909a, 52, fig. 13 (in *Emys lutaria*).—Schneid., 1866a, 31, 43–44, fig. pl. 1 fig. 12 (in T. g.).—Stiles & Hass., 1894e, 341 (in tortoise).—Stoss., 1890, 45; 1896a, 29 (23) (in Ch. *maur.*, Ch. *marginatus*, T. g.); 1898, 69.—Also reported for T. *marginata*.
- (*hominis*) see *lumbricoides* (*hominis*).
- hominum* Gœze, 1782a, 65 (*lumbricoides*, 1758 renamed).—Zed., 1800a, 26 (so. Fus. I.).
- humilis* Leidy, 1856b, 51 (in *Tropidonotus sirtalis*; [apparently U. S. A.].—Dies., 1861a, 667 (in T. s.; Pa.).—Deutsche Zeits. f. Thiermed., 1889, v. 15, 317.—Stoss., 1896a, 79 (73) (in T. S.; N. A.).
- hunbricoides* Braun, 1883a, 147 (misprint for *lumbricoides*).
- hystrix* Dies., 1851a, 188 (in *Podocnemis erythrocephala*; Marabitanos); 1861a, 666;—v. 13, 13, pl. 1 figs. 24–30.—Also reported for P. *expansa*.
- iacchi* Stoss., 1896a, 68 (62) (for *jacchi*) (in intestine of *Jacchus* sp.).
- incisa* Rud., 1802a, 20–22 (s. *Cucullanus talpæ*) (in *Talpa europæa*; by Rud.); 1809a, 163–164 (s. C. t.) (in T.); 1819a, 46.—Anacker, 1893i, 344.—Baird, 1853a, 16.—Cobbold, 1879b, 296 (in T. e.).—Crep., 1844a, 133.—Dies., 1851a, 165 (in *Sorex tetragonurus*, T. e.; Europe); 1861a, 660.—Duj., 1845a, 157–158.—Lam., 1816, 209; 1840a, 656.—Leuck., 1842a, 39–43, pl. 1 figs. 10a–d; 1867b, 98, 115, 123, fig. 76; 1868a, 387; 1879a, 88; 1886d, 67.—Mordw., 1908, v. 13 (1–2), 188.—Nordm., 1840a, 656.—Oken, 1815a, 199.—Olfers, 1816a, 30, 64.—Porta, 1911, 376 (in T. e.; Parma).—Schneid., 1866a, 295, 311.—Seur., 1916, 314, 342, 353, 363.—Sieb., 1854, 33.—Stoss., 1896a, 61 (55) (in S. t., T. e.).—Thoms., 1855, 185.
- incrassata* Mol., 1858d, 146 (in *Trygon brucho*; Padua); 1861c, 280.—Carus, 1884, v. 1, 169.—Dies., 1861a, 660 (in T. b.; P.); 1861c, 277.—Oerley, 1885a, 104, 108 (in T. *bruco*).—Par., 1894a, 220.—Stoss., 1896a, 87–88 (81–82) (in T. b.; P.).
- incrascens* Mol., 1858d, 147–148 (in *Lophius piscatorius*; Padua); 1861c, 283–284, pl. 10 fig. 4.—Carus, 1884, v. 1, 170.—Dies., 1861a, 660 (in L. p.; P.); 1861c, 276.—Lint., 1900a, 284; 1901b, 410, 452, 487, 488, figs. 62–64 (in *Coryphæna hippurus*, L. p.); 1905d, 328, 330, 372 (in C. h.; N. C.).—Par., 1894a, 217.—Stoss., 1896a, 88 (82) (in L. p.; P.).

ASCARIS—Continued.

- incurva* Rud., 1819a, 51, 292-293 (s. *Vermis dubius xiphiae* 1809a, 276) (in *Xiphias gladius*).—Barbag., & Drago, 1903, 415 (in X. g.; Messina).—Ben., 1870b, 36.—Carus, 1884, v. 1, 169.—Cobbold, 1869a, 71 (in X. g.; Eng.).; 1879b, 458.—Dies., 1851a, 163-164 (in X. g.; Berl.).—Duj., 1845a, 203-204.—Goodrich, 1914, v. 27 (3), 147-150, pl. 1 figs. 1-13 (maturation division); 1916, JEZ, v. 21 (1), 61-99, figs. a-k, pls. 1-3 figs. 1-49.—Jägers., 1894b, 454 (in X.).—Krøyer., 1838-40a, 597 (in X. g.).—Lint., 1900a, 278; 1901b, 410, 444, 446, 447, 448, 481, figs. 29-32 (in *Hippoglossus platessoides*, *Seriola zonata*, *Scomberomorus maculatus*, *Tetrapterus imperator*, X. g.); 1905d, 328, 330, 364 (in *Seriola lalandi*; N. C.).—Müeh., 1898b, 45.—Par., 1887c, 493; 1894a, 217; 1902, 14 (in X. g.).—Schneid., 1866a, 48, pl. 2 figs. 11a-b (in X. g.; Ostsee).—Shipley, 1896a (1901b), 141.—Stoss., 1896a, 50 (44) (in X. g.); 1897, 2; 1898, 71-72; 1902, 4, pl. 3 fig. 4.
- infecta* Leidy, 1849a, 229-230 (in *Julus marginatus*; Ing. [apparently U. S. A.]); 1853b, 42 (in J. m.); 1904a, 19.—Cobbold, 1879b, 483 (in *Passalus cornutus*).—To Isacis.
- inflensa* Perronc., 1882a, 305 (probably for *inflensa*).
- inflexa* (Zed., 1800) Rud., 1809a, 132-133, 198 (in *Anas boschas*, A. b. dom., A. acuta, A. moschata, *Phasianus gallus*; by Zed.): 1814a, 89; Rud., 1819a, 38, 268-269.—Bail., 1866b, 36 (in canard dom., poule).—Baylis, 1916, 417 to (*Ascaridia*).—Bellingh., 1844a, 169.—Cobbold, 1869a, 67, 68 (in fowl, capercaillie); 1877b, 5; 1879b, 382, 440.—Crep., 1839a, 282; 1846a, 134.—Dav., 1877a, xci, xcix.—Dies., 1851a, 169-170 (in A. b. dom., A. b. fer., A. a., A. m., P. g.; M. C. V.); 1861a, 663; 1861c, 277.—Duj., 1845a, 216-217.—Erc., 1875e, 37.—Ernst, 1883a, 291 (in hen's egg).—Forel, 1892a, xxiv (in hen's egg).—Generali (1883a), 87; 1883, v. 1, 88-89 (in hen's egg).—Gibel, 1857a, 268.—Hass., 1896a, 4-5 (so. *Het. perspicillum*); 1896b, 2 (so. H. p.).—Leuck., 1886d, 98.—Massa, 1885, 2; 1886c, 148 (in egg of *Gallus dom.*).—Mol., 1858d, 148-149; 1859, v. 38, 21; 1861c, 255, 286-287 (in A. b. dom., A. b. fer., A. a., P. g.).—Oerley, 1885a, 107.—Oken, 1815a, 199.—Olfers, 1816a, 62.—Rail., 1893a, 406 (so. H. p.).—[Riem (1878a) (in hen's egg).]—Schneid., 1866a, 70.—Stoss., 1888, v. 2, 279 (to H.); 1898, 76.—Verrill, 1870, 180.
- infundibulicola* Linst., 1903k, 108-109, figs. 1-2 (in *Python reticulatus*; Tremangaa, Siam).—Shipley, 1903, 153.
- iniquis* Lint., 1901b, 410, 452, 489, pl. 6 figs. 46-52 (in *Rachycentron canadus*; Woods Hole); 1905d, 328, 330, 371 (in R. c.; N. C.).
- insignis* (Dies., 1851) Jägers., 1893a (1894b), 7 (453) to (*Peritrachelius*) (in *Inia geoffroyi*).
- insons* Gmel., 1790a, 3035 (in lungs of *Rana temp.*; Gœze, 1782a, 98) [see *bufonis*].—Dies., 1851a, 187 (so. *nigrovenosa*).—Fisch., 1799a, 98.—Rud., 1809a, 147 (so. n.).
- [*intestinalis* Bloch, 1782a, 28, not as specific name, but as intestinal *Ascaris*.]
- intestinalis* Gmel., 1790a, 3035 (in *Rana temp.*; Gœze, 1782a, 100).—Dies., 1851a, 314 (so. *Str. auricularis*).—Duj., 1845a, 131 (so. S. a.).—Mol., 1861c, 331 (so. S. a.).—Rud., 1802a, 41 (so. S. a.); 1809a, 223 (so. S. a.).—Slawikowski, 1819, 55.—Stoss., 1899, 81 (so. S. a.).
- [*intestinum* Rud., 1819a, 7 ("num potius A. i. transgressa,") see *Fil. vulpis*; not as specific name.]
- ischnoptera* Crep., 1853a, 265-268 (*Struthio*, African; died in Berl.).—Dies., 1861a, 664 (in *S. camelus*; B.).—Rail. & Henry, 1911, 573.—Stoss., 1896a, 72 (66) (in S. c.).
- jacchi* Dies., 1861a, 667 (in *Jacchus* sp.; in un ouistiti mâle; Brazil); Marcel, 1858a, 340-341).—[Leuck., 1858, 108.]—Stoss., 1896a, 68 (62) (*iacchi*) (in J. sp.).—Also reported for *Hapale* sp.
- kanis* Schneidem., 1896a, 314, for *canis* Werner (*Askaris*).
- kati* Schneidem., 1896a, 322, for *cati* (*Askaris*).
- kirghisensis* Skrj., 1916, 461, 486, figs. 17-18 (intest. grêle of *Aquila imperialis*; prov. Syr-Darja, Turkestan russe).
- kükenthalii* Cobb, 1888a (b), 4-19, 20, 22, 23 (44-59), figs. 1-20 (in *Beluga leucas*; N. Eismeer).—Jägers., 1898a, 738 (=simplex?).—Rail. & Henry, 1907, 1.—Stadelm., 1891, 154.—Stiles & Hass., 1899a, 107, 121, 122, 126, 144-146 (in *Delphinapterus leucas*; W. Spitzbergen).—Stoss., 1896a, 53 (47) (in *Phoca barbata*, B. I.; S.).

ASCARIS—Continued.

- labiata* Rud., 1809a, 172–173 (s. *Fus. redii*) (in *Muræna anguilla*; Europe; 1814a, 91; 1819a, 49, 290–291.—Baird, 1853a, 23.—Bellingh., 1844a, 172.—Carus, 1884, v. 1, 170.—Crep., 1841, 230.—Dies., 1851a, 161–162 (so. *anguillæ* Abildg.) (in *Anguilla acutirostris*, A. vulg., *Conger vulg.*).—Duj., 1845a, 191, 205.—Hofer, 1904a, 229 (in A. v.).—Kœll., 1843a, 110, 117.—Krøyer, 1846–53a, 615, 641 (in A. migratoria, A. conger).—Linst., 1879a, 167–168, pl. 11, fig. 6 (in A. v.); 1890d, 179; 1909a, 49, fig. 4 (in A. v.).—Müll., 1880, 194.—Müch., 1898b, 45.—Olfers, 1816a, 64.—Olss., 1869b, 499, 514.—Schneid., 1866a, 47, pl. 2 fig. 15 (in A. v.; Berl.).—Stoss., 1891, 110; 1896a, 46 (40) (in A. v., A. a., C. v.).—Also reported for *Alepoc. rostratus*.
- labri-lusci* Rud., 1819a, 58, 301–302 (in *Labrus luscus*; Nap.).—Carus, 1884, v. 1, 171.—Dies., 1851a, 201 (in L. l.; N.).—Duj., 1845a, 184.—Par., 1894a, 218.—Stoss., 1896a, 56 (50) (so. *capsularia*).—Also reported for *Labrus turdus*.
- lacertæ* Gmel., 1790a, 3035 (in *Lacertæ palustris intestinis*; Gœze, 1782a, 108).—Rud., 1809a, 199 (so. l.-palustris).
- lacertæ-palustris* Rud., 1809a, 199–200 (*lacertæ* 1790 renamed) (in *Lacerta palustris*).
- lacustris* (Linn., 1767a) Gmel., 1790a, 3036.—Dies., 1851a, 201 (so. *gasterostei*).—Rud., 1809a, 201 (so. g.).
- lævis* Leidy, 1856b, 51 (in *Arctomys monax*; by Packard).—Dies., 1861a, 662 (in A. m.; Penn.).—Hall, 1916a, 40, 41 (in *Marmota monax*).—Stoss., 1896a, 69 (63) (in A. m.; N. A.).
- lævissima* Baird, 1853a, 25–26 (host unknown; India); 1853b, 19, pl. 30 fig. 1; 1855a, 70.—Baylis, 1916, 411, 412.—Dies., 1861a, 661–662 (Brit. Mus.).
- lagopodis* Frœl., 1802a, 46–48, pl. 1 fig. 21, pl. 2 figs. 1–3 (in *Tetrao lagopus*; by Frœl.).—Dies., 1851a, 170 (so. compar.).—Duj., 1845a, 218 (so. c.).—Fiebiger, 1912a, 302.—Hass., 1896a, 5 (so. *Het. c.*).—Mol., 1861c, 287 (so. c.).—Rail., 1893a, 408 (so. H. c.).
- lancea* (Zed., 1800) Rud., 1809a, 145, 191–192 (s. *turdi*) (in *Turdus iliacus*, T. pilaris); 1819a, 42 (so. *ensicaudata*).—Dies., 1851a, 184 (so. e.).—Oken, 1815a, 203.—Olfers, 1816a, 65.
- lanceolata* Mol., 1860e, 334 (s. *Physalopt. mucronata* Dies., 1851a, 235) (in *Champsia nigra* at Borda, Brazil; C. lucius in Ga.).—Drasche, 1883a, 133, pl. 10 figs. 5–11.—Linst., 1904, 4.—Stoss., 1896a, 23 (17) (in C. n., Brazil; *Alligator mississippiensis*, Ga.).—Cf. *Physalopt. mucronata*, see Linst., 1889a.
- laniorum* Rud., 1819a, 54, 296–297 (in *Lanius collurio*, L. miñor; C. E. V. by Frœl.).—Dies., 1851a, 191 (s. *collurionis* 1791) (in L. c., L. m.; M. C. V.).—Duj., 1845a, 168–169.—Stoss., 1896a, 72 (66) (in L. c., L. m., L. excubitor).
- lari* Gmel., 1790a, 3033 (in *Lari cinerei* intest.; Bloch, 1779a, 552).—Bennet & Olivier, 1826a, 14 (in *Anas boschas*, *Larus canus*).—Dies., 1851a, 193 (in L. ridibundus).—Rud., 1809a, 198 (in L. cinerarius); 1819a, 55.—Stoss., 1896a, 32 (26) (so. *spiculigera*); 1898, 70.
- laticauda* Mol., 1860e, 335 (s. ? *Physalopt. microdactyli-marcegravi*) (in *Dicholophus marcegravi*; Zamambaya).—Dies., 1861a, 665 (in D. m.; Brazil).—Drasche, 1883b, 132.
- laticaudata* Trav., 1913, 276 (for *laticauda* 1860).
- lavareti* Crep., 1829b, 29–34 (in *Salmo lavaretus*; Ing.).—Dies., 1851a, 178 (so. *obtusocaudata*).—Mehl., 1831a, 96.—Stoss., 1896a, 90 (84) (so. o.).
- leonina* Linst., 1902a, 217–218, fig. 1 (in *Felis leo*; Breslau, born in Europe); 1903u, 266.—Glaue, 1910, ZA, 745, 746, 747, 748, 749, 750, 751, 753, 754, 755, 757 (type of *Toxascaris*).—Seur., 1914, 640–641.
- leonis* Gmel., 1790a, 3031 (sub *leonis* pelle; Redi, 75, 309, pl. 9 fig. 3).—Mol., 1858c, 421 (to Fil.).—Rud., 1809a, 68, 137.
- leonis* S., F., & W., 1908a, 285, 286 (? for *leonina* Linst., 1902a, 217).
- leptoptera* Braun, 1915a, 366 (lapsus for *leptoptera*).
- leptocephala* Rud., 1819a, 46, 282–283 (in *Bufo cruciatus*, B. igneus, *Salamandra palustris*; Berl., Breslau, Mus. Wien).—Crep., 1839a, 281.—Dies., 1851a, 205 (so. *Hedruris androphora*).—Duj., 1845a, 179 (in B. c., B. i., *Proteus anguinus*, *Triton cristatus*, T. palustris, T. taeniatus).—Mol., 1861c, 293 (so. H. a.).

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- leptoptera* Rud., 1809a, 137, pl. 1 figs. 12–13 (in *Felis leo*; Berl.); 1810a, 297; 1819a, 41, 274.—Cobbold, 1858b, 167 (in F. l.); 1879b, 237, 303.—Dies., 1851a, 179–180 (s. *crenulata*) (in F. l., F. *concolor*, F. *onca*, F. *pardalis*); 1861a, 665 (s. *felis-discoloris*) (in F. c.; Penn.).—Dewitz, 1892b, 147.—Duj., 1845a, 162.—Glaue, 1910, ZA, 745.—Leidy, 1856b, 50.—Linst., 1878a, 1 (pars so. *mystax*).—Mol., 1861c, 279.—Nev.-Lem., 1912a, 671.—Olfers, 1816a, 63.—Rans., 1904, 45, 50.—Rail. & Henry, 1911, 13 (so. *Belasc. mystax*).—Schneid., 1866a, 38 (so. *mys.*) 39–40, fig. 1, pl. 1 fig. 5 (in F. l.).—Shipley, 1896a (1901b), 141.—Smith, 1908, 266 (in F. l.).—S., F., & W., 1908a, 285–287.—Sons., 1889, 282 (in F. l.).—Stiles & Hass., 1894e, 339 (in F. l., F. t.).—Stoss., 1896a, 16 (10) (in F. c., F. l., F. o., F. *mitis*, F. p., F. *macroura*).—Ward., 1895a, 330 pars (so. *mys.*) (in *Homo*).—Wedl, 1855, v. 17, 304; 1856, v. 19, 35.
- leptoptera* Rud. of Rayer, 1843d, 146, 148, pl. 4 fig. 7 (under *conjunctiva* of *Emberiza pecoris*).—Sieb., 1845a, 216.
- leptoptera crenulata* (Brems., 1824) Dies., 1851a, 179–180 (in *Felis onca*, F. *concolor*, F. *macroura*; Brazil).
- leptura* Rud., 1819a, 48, 288 (in *Testudo mydas*; Mus. Wien).—Cobbold, 1876i, 297.—Dies., 1851a, 151 (in *Halichelys atra*; M. C. V.).—Schneid., 1866a, 115.—Also reported for *T. elongata*, *Tartaruga marina*.
- leucisci-idi* Dies., 1851a, 196 (new name for *cuneiformis* of *Cyprinus idus*) (Rud., 1819a, 50) (in *Leuciscus idus*; M. C. V.).—Hofer, 1904a, 229 (in *Idus melanotus*).—Stoss., 1896a, 88 (82) (in I. m.).
- lichia-glaucæ* (Dies., 1851) Barbag. & Drago, 1903, 416 (in *Lichia glauca*).
- limbricoides* Aitken, 1874, 57 (misprint for *lumbricoides*).
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- (UTRECHT) Diemont, 1860a, 389–399.
- (WARSAW) Hornowski, 1906, *Medycyna*, v. 34, 464–465.—Karpinski, 1894a, 1103–1104.—Nassonov, 1898m, 133–176; *Cib*, v. 25, 837.—Obniskiego, 1871a, 801–803.
- (WASH., D. C.) Hall, 1916a, 3, 40.—Prentiss, 1901a (b) 843–846 (1–4).—Rans., 1904, 42, 43, 45, 49, 63; 1911a, 24, 25.—Stiles, 1891f, 163; 1901, 181; 1901, 527; 1902, 201–202, 207; 1903k, 12, 37, 38, 75, 82, 85; 1907, 526; 597; 1914, *MM*, v. 2, 218, 287, 288, 289.—Stiles & Garrison, 1906a, 11, 12, 14, 16, 17, 22, 52, 71, 74, 75.—Stiles & Hass., 1899a, 103–104.—Stitt, 1910a, 232, 245; 1916a, 330, fig. 78.
- (WEINGARTEN) Engel, 1841a, xxiii–xxiv.
- (WIEN) Dies., 1840, 223; 1851a, 20 (of Frisch, so. *Echinor. gigas*.) 166–168 (s. *Lumbricus teres hominis* Tyson, 1683, *Asc. erraticis* Borggreve (?), 1841, *Asc. suilla* Duj., 1845), 170 (of Bloch, 1779a, 552, so. *inflexa*), 181 (of Bloch, pl. 8 figs. 1–3, so. *marginata*), 193 (of Bloch, 552, so. *lari*); 1861a, 660–661 (s. *suilla* Duj.) (in *Homo*).—Eiss, 1838a, 28.—Jaksch, 1888a, 511.—Slawikowski, 1819b, 7, 21, 25, 52, 56, 65, 100.—Wedl, 1850, 23.—Weichselbaum, 1898a, 323.—Weisse, 1843a, 41–42 (*erraticis*).
- (WIESBADEN) von Boemmel, 1894b, 191, 192, 193–196, 197, 198, 199, 200, 201, 202, 203, 205, 206, 207, 208, pl. 11 figs. 1–3, 11, 17.—Koch, 1910, *EaP*, v. 14, (1) 117–118, 119–122.
- (WUERZBURG) Eberth, 1863a, 63, 68, 69, 70.—Puëttner, 1837a, 7.—Seifert, 1908a, 514, 520, 523, 524, 525, 562.
- (ZURICH) Schulthess, 1882a, 190.
- (MISCELLANEOUS) Allan, 1910, 181.—Allen, 1910, 1092.—Baylis, 1916, 413.—Bettmann, 1916, 250–252.—Bohne, 1907, 535.—Cautley, 1911, 532–534.—Cayley, 1893, 637.—Commelin, 1694a.—Craus, 1685a.—Da Costa, 1884, 931.—Daniels, 1897, 68.—Dobell, 1909, 300, 301, figs. 18, A, 19.—F., S., & T., 1916a, 367, 370, 463, 464, 465, 687, 688, 754, figs. 260, 262, 267, 268, 341, 342.—Fairfax, 1670a.—Fitz-Maurice, 1890, 20 (?).—Forschheimer, 1913, 250–252; 1914, 250, 252.—Fries, 1830a, 20, 29, 40.—Garrison, 1912, S, (901), v. 35, 535.—Geinitz, 1915, 622.—Graham-Smith, 1913, 195, 198, 201, 209.—Güenth., 1858, 202–203.—Heydenreich, 1892, v. 1, 17.—Higgins, 1906, 882.—Jefferys, 1908, pl. 2 figs. A, B, D.—Keating, v. 3, 218, 220, 224–226, 227, 477, 674; v. 4, 1044; v. 5, 697.—King, 1911, 184.—Leiper, 1907, 1297.—Long, 1909, 200.—Loomis, 1885, 308–311, 413, fig. 67.—Lucius, 1694a.—Martin & McKittrick, 1917, 383–384, 388, figs. 25, 32.—Mayer, 1908, 537.—Mukerji & Dass, 1915, 205.—Musser, 1913a, 436.—Nymann, 1594a.—O'Connel, 1905, 830–831.—Packard, 1896a, 499–502.—Pall., 1781a, 72 (= *megalocephala*?).—Patterson, 1908, 188.—Paul d'Égine, 1567a, 531, 533.—Reaney, 1912, 66.—Rosen, 1893, 7.—Roval, 1909, May 16, 501.—Shaw, 1901, 138, 619, fig. 220; 1901, 1027.—Siccardi, 1905, 1476.—Sistrunk, 1911, 1507.—Sjoebeck, 1830a, 9–12.—Soulié & Derrien, 1916, 797, 798, 799, 802.—Stevenson, 1892, v. 1, 274.—Swart, 1862, 57–60.—Ullmann, 1830, 23–24.—Vogt, 1878, 11, 53, fig. 47, 48.—Wagner, 1883, 123.—Warthin, 1916, 624.—Wegelin, 1779a, 8, [21], 23.—Westwood, 1851, 645.—Wood & Fitz, 1897, 337–338.

ASCARIS *lumbricoides*.

Accidents (also symptoms): (CHINA AND JAPAN) Sirot, 1882b.

(FRANCE) Chaillou, 1868a, 11–14.—Feltmann, 1908, 1–104; 1909, *Pm*, v. 17 (4), 32 (surgical).—Guermontprez, 1881a, 161–176, 226–245, 309–325, 382–388; 1881b, 1–75 (nervous and reflex).—Triboulet, 1908a, 775–776 (meningitic).

(NEW YORK) Comby, 1897, 20 *Cen. Pr.*, 644 (reflex).

(PARIS) Bouchut, 1867c, 165–166.—Fidelin, 1873a, 1–44.—Tonnellé, 1829a, 289–294.

Anatomy: (BELGIUM) Morren, 1838a, 168–183, figs. 1–20; 1838b, 314–320.

(DEUTSCHLAND) Schmalz, 1827c, 73–94.

(FRANCE) Cloq., 1824a, 1–130.—Cloq. & Morren, *ASn*, v. 9, 316.—Lignerolle, 1866a, 210 (*éventration*).

(GR. BRIT.) Hooper, 1799a, 9, 12–23, pl. 1.

ASCARIS lumbricoides—Continued.

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- (ITALY) Gaddi, 1854a, 182-183.
 (LONDON) Lowne, 1871a, 55-64, pls. 75-76.
 (LYON) Gérard, 1842b, 45-78.
 (MÜELHAUSEN I. E.) Voltzenlogel, 1902, ZJ, v. 16, 481-510, pl. 1-3 figs. 1-20; 1902b, 1-32, figs. 1-20; 1902c, 778-779; 1905a, 31-32.
 —, armature: (FRANCE) Guiart, 1899b, 2 (cf. conocephalus).
 —, cuticle: (DEUTSCHLAND) Goldschmidt, 1904, ZA, v. 28, 259-266, figs. 1-9.
 (NEPOMUK) Czermak, 1852a, 755-762; 1852b, 1-9; 1879a, 157-163, figs. 1-2.
 —, excretory system: (WARSAW) Nassonov, 1898m, 1-30, pl. 1, 133-176, pls. 1-2.
 —, genital system: (DEUTSCHLAND) Balss, 1906, ZA, v. 30, 485-487, fig. 1; 1907, JRMS, (176), 45 (abnormal).
 (HEIDELBERG) Sheviakov, 1894b, 473-476, figs. 1-2 (abnormal).
 (ROME) Ceresoli, 1912, BSzi, v. 1 (5-8), 161-163, fig. 1.
 —, muscles: (DEUTSCHLAND) Bilek, 1910, AA, v. 37 (2-3), 67-68.
 —, nervous system: (BRESLAU) Rohde, 1883b, 71-76 (see Joseph, 1882b).
 (DEUTSCHLAND) Dogiel, 1908, ZwZ, v. 91, 659-662.—Friedländer, 1888a, 47-84, figs. 1-12; 1888b, 1-56.—Goldschmidt, 1908, ZwZ, v. 90, 73-136, pls. 1-3 figs. 1-22; 1908, ZC, v. 15 (18-19), 560-563; 1909, ZwZ, v. 92, 306-357; 1909, ZC, v. 16 (9-10), 275-278; 1909, JRMS, (1), 51; 1910, JRMS, (2), 170; 1910, FH, v. 2, 253-354, pls. 1-7 figs. 1-29.
 —, "Seitenfelder": (WARSAW) Nassonov, 1898m, 1-30, pl. 1; 133-176, pls. 1-2.
 —, Sense organs: (DEUTSCHLAND) Goldschmidt, 1903b, 1-57, figs. A-D, 1-40; 1903c, 2534; 1903d, 203-204; 1904, ZC, v. 11 (11-12), 378-380.
 —, subcuticular layer: (FRANCE) Jammes, 1892a, 321-342, figs. 1-6; 1893a, 188-189.

ASCARIS lumbricoides, associated with:

- Addison's disease: (INDIA) Bedell, 1914, IMG, v. 49 (8), 313-314 (and hysteria).
 Appendicitis: (ABBEVILLE) Douriez, 1901a, 403-404.
 (AUSTRIA) Genser, 1901a, 917-922; 1902a, 131; 1902b, 811.
 (CAMBRIDGE, ENG.) Shipley, 1909f, 263-279; 1909g, 354.
 (CHARLESTON, W. VA.) Cannaday, 1909, JAMA, v. 53 (13), 1029 (perforation).
 (CHINA) Fauquet, 1909, BSPE, v. 2, 606-610; 1910, BIP, v. 8 (8), 353.
 (DEUTSCHLAND) Wolff, 1894a, 114.
 (EDINB.) Graham, 1913, EMJ, v. 10, 437-444, fig. 1.
 (FRANCE) Arboré-Rally, 1900, 738-740.—Brun, 1900, BMSMCp, v. 26, 311-312.—Cantas, 1903, Pm, (61), 550; 1903, NYMJ, v. 78 (9), 432.—Gaide, 1904, AHMc, v. 7 (4), 575-595; 1905, AST, v. 9 (11), 522.—Henry, 1912, RMHt, v. 9 (2), 130-131; 1913, TDB, v. 1 (8), 437-438.—Jalaynier, 1913, Pm, v. 21 (98), 986.—Le Roy des Barres, 1903b, 1223-1224; 1903c, 282; 1904a, 619-620; 1904b, 433.—Triboulet, 1901a, 417-419; 1902a, 131; 1902b, 912.
 (GR. BRIT.) Andrews, 1906, BMJ, v. 2, 1174 (removal of a stercolith).—Anley, 1906, BMJ, 677-678; 1906, 600; 1906, CPA, v. 17 (13), 533; 1906, FM, v. 24 (16), 501-502.—Cast., 1906, BMJ, v. 2, 252-253, fig. 1; 1906, MR, v. 70 (8), 309; 1906, DmW, v. 32 (33), 1349; 1907, CPA, v. 18 (3), 102.—Clayton, 1904, JTM, v. 7 (3), 33-35 (in the China fleet); 1906, BMJ, v. 2, 668.
 (LEXINGTON, KY.) Patterson, 1850a, 323.
 (MARSEILLE) Poucel, 1904a, 150-151.
 (PARIS) Gouraud & Martin-Durr, 1893b, 663.—Metchnikoff, 1901b, 301-311; 1901c, 225-227; 1901d, 591-592; 1901e, 30; 1902a, 234-235; 1902b, 941.
 (RUSSIA) Morkowitin, 1904a, 323; 1906a, 36-37.
 Cardiac paralysis: (JAPAN) Hatton, 1910, SiKMJ, v. 29 (5).
 Cerebro-spinal fever: (CLEVELAND, OHIO) Lichty, 1904a, 456-458.
 Dysentery: (CONGO) Firket, 1897, BAM, v. 11, 451-463, figs. 1-6.
 (FRANCE) Broussais, 1826c, 243-244.
 Febris verminosa: (DEUTSCHLAND) Zimmermann, 1853a, 33, 34.
 Gastritis: (FRANCE) Broussais, 1826b, 115-120.
 (PARIS) Masson, 1905a, 1-67.

ASCARIS lumbricoides—Continued.

- Meningitis: (ALATRI) Buglioni, 1893a, 265-268.
 (FRANCE) Lebon, 1863a, 373-375; 1864a, 242-243.—Triboulet, Ribadeau-Dumas & Ménard, 1908a, 519-523.
- Nervous disorders: (SHEFFIELD, ENG.) Holland, 1845a, 325-326.
- Peritonitis: (BERRY STATION, Ky.) Stewart, 1882a, 388-389.
 (DEUTSCHLAND) Ziemann, 1905h, 32-33; 1905i, 634; 1905m, 57-58; 1905gg, 177.
 (FRANCE) Bonnel, 1914, BMSa, v. 16, 112-114.—Broca, 1904, Sept.; 1904, Dec. 20, 2312.
 (GR. BRIT.) Spencer, 1909, WHR, v. 16, 36-38 (acute septic peritonitis).
 (ROMANIA) Urechia & Bruteanu, 1913, Spit., v. 33 (4), 89-92.
 (SPAIN) Estape, 1903, RMC, v. 17, 515-520.
 (STOCKHOLM) von Düben, 1854a, 341-348; 1855a, 317-326.
- Perityphlitis: (BELGIUM) Allard, 1889, 89-90.
 (GREIFSW.) Fresen, 1908, Diss., 1-31 (in Abszessen).
- Pericious anemia: (GR. BRIT.) Gomess & Bilderbeck, 1907, L, v. 172, 51.
 (MISCELLANEOUS) Karvonen, 1893a.
- Placenta previa (complete): (U. S. A.) McGehee, 1909, VMSM, v. 14 (8), 182-183.
- Traumatic tetanus: (GR. BRIT.) Johns., 1858a, 886-887.
- Typhoid fever: (PHILA.) Riesman, 1902c, 55-56.
 (WOLVERHAMPTON) Reynolds, 1892a, 682.
- Cases: (ASHLAND, PA.) Merkel, 1886a, 404.
 (BRAZIL) Parreiras, 1916, AbM, 530-536 (hepatic); 1917, TDB, v. 10, 116-117.
 (BRISTOL, ENG.) Prichard, 1859a, 854-855.
 (CHICAGO) Stringfield, 1889a, 207-208 (obscure symptoms).
 (EDINB.) Omond, 1856a, 1048-1049 (attended with hemoptysis).
 (FRANCE) Plateau, 1902a, 177-178.
 (GR. BRIT.) Prichard, 1859a, 854-855.
 (HUNGARY) Peteri, 1910, Oh, v. 54, 419; 1911, JK, v. 73, 352-356; 1912, Pm, v. 20 (9), 100.
 (INDIA) Milne, 1907, IMG, v. 42 (4), 140; 1907, JAMA, v. 48 (23), 1990.—Playfair, 1826a, 407-408 (cured by the mudar).
 (ITALY) Maradei, 1902a, 1-14.—Mya, 1894, BdC, v. 11, 293-298 (geophagia).
 (KNYSNA, CAPE COLONY) Haw, 1904a, 1722 (132 cases, symptoms).
 (LIVORNO) Giuntini, 1829a, 16-25.
 (LONDON) Corrie, 1893a, 116; 1893b, 612.—MacRae, 1899a, 786 (necropsy); 1899b, 645.—Tirumurti, 1913, JTMH, v. 16, 379-380.
 (MINE RUN, VA.) Jordan, 1909, VMSM, v. 13 (23), 548-550.
 (MOSKOW) Miller, 1893a, 319-332 (in 3 weeks child); 1894a, 484-485.
 (NEW ORLEANS) Charbonnet, 1887, NOMSJ, v. 15, 122.—de Grange, 1887a, 122-123 (145 worms).
 (PARIS) d'Ardenne, 1879, v. 4 (151), 393-394.—Bull. gén. d. Thérap., 1846, v. 31, 211-212.—Monod, 1870a, 394-405.
 (PHILA.) Goodell, 1871a, 182.
 (U. S. A.) Blatchly, 1829a, 209-210; Bradford, 1843a, 300-302; Haynes, 1913, JSCMA, v. 9, 340.—Macht, 1914, BJHH, v. 25, 132.—Morland, 1858a, 62-63; 1859a, 207-208.
- Cases, fatal: (EDINB.) Brown, 1824a, 663-665.
 (FRANCE) Archambault, 1884, 34-35.—Bertet, 1856a, 267-268.
 (HAVANA) Arteaga, 1909, RMC'H, v. 14 (1), 3-8; 1909, JAMA, v. 52, 15-16.
 (INDIA) Castor, 1903, IMG, 295-296 (perforation).
 (JAPAN) Katsurada, 1899a, 3-14 migration; 1899b, 728.
 (LEXINGTON, Mo.) Winsor, 1848a, 308-309.
 (LOOCHRISTY, BELGIUM) Vermeulen, 1898a, 769-774; 1898b, 49.
 (PARIS) Bretonneau, 1826a, 23-25.
 (TRINIDAD) Rake, 1890a, 26-27.
 (VIRGINIA) Hazen, 1910, ODJMS, v. 10 (2), 127-128.

ASCARIS lumbricoides, as cause of—

Amaurosis and strabismus: (GR. BRIT.), Hogg, 1888b, 112.

Anasarca and chorea: (ATLANTA, GA.) Boring, 1866a, 247.

Asphyxia: (LEMBERG) Finger, 1861a, 94–95.

(PARIS) Fournie, 1898a, 23–29.

(ROUMANIA) Leon, 1913, 380–382, fig. 1 (fatal).

(TRINIDAD) Rake, 1887a, 1274.

Catalepsy: (PARIS) Bourgeois, Rev. méd., v. 2, 451.

“Congestive chills”: (U. S. A.) Hutchinson, 1879a, 393–394.

Convulsions: (CALCUTTA) Gupta, 1913, IMG, v. 48, 332 (infantile).

(FRANCE) Bru, 1909, Rv. (4), 212; 1909, JCPT, v. 22 (2), 158–160; 1909, RMv, v. 86 (13), 462–464; 1909, VR, v. 22, 70; 1909, JMvZ, v. 60, 432; 1909, DtW, v. 17 (51), 761 (in a young pig).

(PARIS) Colin, 1870a, 184.

(PETROGRAD) Troitski, 1888a, 240–241 (infantile).

(TRINIDAD) Rake, 1886a, 66; 1888a, 642.

(TURKEY) Naab, 1902a, 793; 1902b, 908; 1902c, 754; 1902d, 284; 1903a, 505.

Dyspnoea: (NEW YORK) Sente, 1850a, 167–169.

Enteralgia: (JAPAN) Nagahama, 1915, SiKMJ, v. 34 (5), 27–28.

Enteritis: (DEUTSCHLAND) Petrenz, 1836a, 147–149; 1837a, 143.

(INDIA) Fearnside, 1904, IMG, v. 39 (4), 126–131.

Enterospasmus: (DEUTSCHLAND) Kieselbach, BkC, v. 76 (1), 204–208, 1 fig.; 1911, BkW, v. 48 (48), 2176; 1912, TG, v. 36, v. 28 (4), 283–284.—Schaal, 1912, MmW, v. 59 (48), 2619–2621.

Epilepsy: (FRANCE) Michel, 1842a, 375–377; 1842b, 353–354; 1843a, 451.

(NUREMBERG) Hoffm., 1742a, 425–426.

(ROME) Cond.-Franc., 1915, Pol., v. 22 (31), Aug. 1; 1916, JAMA, v. 65 (10), 913.

Gastrorrhagia: (FRANCE) Andrieu, 1884, 166–168.

Hemiplegia: (DUBLIN) Williams, 1859a, 488–490 (temporary).

(PARIS) Girard, 1884a, 448–449.—Sigaud, 1904a, 735.

Ileus and volvulus: (DEUTSCHLAND) Melikians, 1912, AmCZ, (15); 1912, FM, v. 30 (35), 1111.

(ITALY) Cartolari, 1913, GdOC, v. 34 (73), June 19.

Intestinal impaction, obstruction, occlusion: (BROOKLYN, N. Y.) Bartley, 1898a, 272–274; 1898b, 868 (simulating appendicitis).

(DEUTSCHLAND) Schulthof, 1903a, 1035–1036; 1903b, 69; 1903c, 890; 1903d, 1363; 1903e, 143; 1904a, 858–859.

(ENG.) Vickery, 1913, BMJ, v. 2, 1534.

(INDO-CHINA) Ferris & Heymann, 1914, BSmcIC, v. 5 (8), 332–336; 1916, TDB, v. 7 (6), 360.

(JAPAN) Takaki, 1915, SiKMJ, v. 34 (5), 28–29; 1915, JAMA, v. 65 (1), 59; 1915, TDB, v. 6 (6), 304–305.

(LAUFFEN) Neuffer, 1861a, 61; 1861b, 137–138; 1861c, 325–326; 1861d, 288–289,

(LEXINGTON, KY.) Bullock, 1903, AM, v. 5 (5), 170.

(LONDON) Downes, 1880a, 893–894; 1881a, 69.

(NANCY) Simon, 1892a, 225–230; 1892b, 666–667; 1893a, 226–227.

(PARIS) Fayon, 1901a, 1–44.

(PHILA.) Anders, 1903a, 1247.

(TODDINGTON, BEDS) Waugh, 1883a, 968–969.

(U. S. A.) McGlannan, 1917, SMJ, 977–979; 1917, TDB, 271–272.—Morland, 1857a, 409–417; 1859b, 65–75.—Perret & Simon, 1917, JAMA, 244–245, 1 fig.—Venning, 1910, JAMA, v. 54 (25), 2041–2042; 1910, JTMH, v. 13 (13), 2064.—Whelan, 1910, JAMA, v. 55 (17), 1442–1443 (autopsy).

Jaundice: (GR. BRIT.) Batterbury, 1878a, 721.

Mental disorders: (BUDAPEST) Deák, 1912, PmcP, v. 49, 65 (pyromania).

(GHENT) Vermeulen, 1855a, 330–340.

ASCARIS lumbricoides, as cause of—Continued.

- Multiple abscess of liver: (INDO-CHINA) Degorce, 1912, BSmcIC, v. 3 (8), 559; (10), 664-666, pls. 1-2, figs. 1-3.
- Pancreatitis: (JAPAN) Izumi, 1915, MmF, v. 2, 61; 1915, Germ. ed., 783; 1916, JAMA, v. 67 (20), 1480.
- Pseudo-meningitis: (BESANÇON) Robbe & Duvernoy, 1908a, 39-41.
(ITALY) Pierantoni, 1903a, 694-696; 1903b, 75; 1903c, 242.
(LYON) Laugier, 1863a, 544-546.
(PARIS) AHMc, 1911, v. 14, 635.
(RUSSIA) Bochkovski, 1914, VmJ, v. 239 (45).
- Suppression of urine: (PHILA.) Bogert, 1900a, 746-747; 1900b, 1182.
- Urticaria: (DEUTSCHLAND) Huber, 1896a, 583.
- Vomiting: (BERL.) Pollnow, 1908, BkW, v. 45 (48), 2166 (während einer Scharlacherkrankung).
(BOLOGNA) Ruggi, 1872a, 15.
(DEUTSCHLAND) Löwenthal, 1908, BtW, (32), 557; 1909, Cv, v. 32 (6), 89.
(ROSHEIM) Schuh, 1857a, 59-60.

ASCARIS lumbricoides:

- Cytology: (DEUTSCHLAND) Boveri, 1888a, 1-93, pls. 1-4 (Richtungskörper).
(MISCELLANEOUS) Edwards, 1910, AZ, v. 5, 422-429, pls. 1-2 (idiochromosomes).
Description: (GR. BRIT.) Fagge & Pye-Smith, 1902a, 461-462.
(LEIPZIG) Treutler, 1793a, pl. 3, figs. 5, 6.
(LOND.) Mans., 1901c, 544-545.
(PARIS) R. Bl., 1888a, 661-704, figs. 340-348.
(PHILA.) Anders, 1903a, 1247.—Tyson, 1903a, 1189-1190.
- Development, Entwicklung, etc.: (HALLE A. S.) Brand., 1896c, 839-841; 1897a, 239.
(LOND.) Mans., 1903e, 643.—Stewart, 1917, P, v. 9 (2), 213-227, figs. 1-9, pl. 1 figs. 1-12 (in rat and mouse).
(LYON) Gérard, 1842a, 163-169 (spontaneous generation?).
(NORWAY) Bonnevie, 1902, NMN, v. 40, 103-104.
(PARIS) Dav. 1858e, 295-300; 1858f, 1217-1219; 1859a, 105; 1859b, 157-159; 1859c, 700; 1863c, 261-265; 1863d, 420-421.
(PADUA) Scortegagna, 1841a, 355-369, pl. 1 figs. 1-8.
(PHILA.) Tyson, 1903a, 1190.
(PHILIPPINES) Wharton, 1915, PJS, v. 10 (1), 19-23.
- Diagnosis (clinical and zoological): (FRANCE) Bouchut, 1862c, 258-260.—Fortineau, 1842a, 1-10.
(GR. BRIT.) Fagge & Pye-Smith, 1902a, 463.
(NEW YORK) Comby, 1897, 20 Cen. Pr., 644.
(PHILA.) Anders, 1903a, 1247.—Lockwood, 1901a, 822.
(MISCELLANEOUS) De Nabias, 1905, Sept. 23, 514.
- Eggs: (CHINA) Logan, 1906, CMMJ, 1906, JTM, v. 9 (23), 369; 1907, NYMJ, v. 86, 1164, figs. 1-2; 1907-08, ASTM, v. 3, 1-4, figs. 1-2.
(DEUTSCHLAND) Looss, 1905c, 117, 118; 1911a, 316-317.
(FRANCE) R. Bl., 1888a, 661-704, figs. 340-348.
(JAPAN) Miura & Nishiuchi, 1902a, 637-641, fig. 1; 1902b, 1894; 1902c, 307; 1905a, 29.
(KÆLN) Leichtenstern, 1885b, 502.
(NORWAY) Bonnevie, 1902, ZnV, v. 37, 83-104, pls. 1-3 fig. 1; 1905, 30 (segmentation).
(PHILIPPINES) Wharton, 1915, PJS, v. 10, 19-23; 111-115.
(U. S. A.) Foster, 1913, S, v. 37, 78 (atypical forms); 1914, JP, v. 1 (1), 31-36, figs. 1-4.—Morris, 1911, BJHIII, v. 22, 299-300 (viability in 2% formalin).
Smith & Goeth, 1904, JAMA, v. 43 (8), 544, figs. 1-4.
(MISCELLANEOUS) Nicholls, 1912, 82 (carried by *Limosina punctipennis*).

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Eosinophilia: (GR. BRIT.) Coles, 1902a, 1138.

(NEW YORK) Herrick, 1913, AIM, v. 11 (2), 165-186, figs. 1-10; 1913, TDB, v. 1 (12), 701-702 (anaphylaxis).

Epidemics: (PLATTE CO., MO.) Chesney & Brock, 1868a, 443-445.

(FORLÌ) Sbertoli, 1872a, 43-49 (terrible invasion).

Erratic migration, wanderings: (AUSTRIA) Drasche, 1882a, 1285-1289, 1381-1384; 1883, GmB, v. 7 (10), 572-573; 1883, AgM, v. 11, 609-612.

(GENOA) Minaglia, 1859a, 177-193.

(LOND.) Christie, 1914, JRAMC, v. 23 (2), 201-205, pls. 1-2.

(PARIS) R. Bl., 1889a, 685-699.

(SPAIN) Monotoyo, 1915, RMC, v. 6 (6), 209-212.

(U. S. A.) Mahood, 1908-09, WVMJ, v. 3, 265.

(ZURICH) Eichhorst, 1901a, 302.

(MISCELLANEOUS) Nard, 1907, Feb. 8, 206.

—, biliary ducts: (DEUTSCHLAND) Huber, 1896a, 584.—Rosenthal, 1913, DZC, v. 121 (5-6), 544; 1913, MmW, v. 60 (21), 1162-1163; 1913, CfB, v. 58 (10), 299; 1914, Diss. Heidelberg (simulating cholelithiasis).—Scheuthauer, 1878a, 63-69.

(EGYPT) Kartulis, 1887a, 65-67.

(GOTT.) Mertens, 1898a, 358-360; 1898b, 21.

(ITALY) Pellizzari, 1864a, 44-56; 1864b, 3-17.—Tenderini, 1852a.

(MONTPELLIER) Sahattchieff, 1906a, 1-57.

(NAP.) Viola, 1896a, 603-605.

(PARIS) Bonfils, 1858a, 661-687; 1858b, 1-28; 1859a, 295; 1859b, 254.—Bourgeois, 1856a, 279-280.—Forget, 1856a, 261-262.—Lenormant, 1913, Pm, v. 21 (50), 488-491.—Schloss, 1856a, 870 (icterus); 1856, BSa, v. 31, v. 1, 361-364.

(PHILA.) Anders, 1903a, 1247.

(RASGRAD) Oks, 1883a, 337-338; 1883b, 479; 1883c, 637; 1883d, 432.

(ROSTOCK) Schæfer, 1900a, 1-19.

(MISCELLANEOUS) Hilleary, 1905, Nov. 25, 1655 (obstructive jaundice).

—, Ductus choledochus: (PETROGRAD) Rozenblatt, 1892a, 675-676; 1893a, 563-564 (hepatitis purulenta).

—, Ductus hepaticus: (WIEN) Hinterstoisser, 1913, WkW, v. 26, 456-457; 1913, DmW, v. 39 (14), 669.

—, ear: (BOURG-ARGENTAL) Dagan, 1883a, 258-259 (rougeole).

(DENMARK) Holm, 1909, UfL, v. 71, 149; 1909, BMJ, v. 1, 49-50 (Eustachian tube).

(PARIS) Coussieu, 1914, Pm, v. 22 (43), 416-417.

(PHILA.) Turnbull, 1881a, 32-37 (perforation of the membrana tympani).

—, Fallopian tube: (ITALY) Bizzozzero, 1867a, 424-427.—Il Morgagni, 1867.—JHHR, 1894, v. 3 (28-29), 375.

—, genito-urinary system: (DEUTSCHLAND) Bauereisen, ZgU, v. 4 (5); 1914, MmW, v. 61 (3), 92 (weibliche Harnblase).—Mombert, 1833a, 70-74.

(FRANCE) Alexandre, 1857, 168 (urethra).—Du Jardin & Bernardi, 1873a, 273-281; 1873b, 1119-1120; 1874a, 24; 1874, AMJ, v. 2 (2), 82; 1877, FM, v. 24, 107 (urethra).

(ITALY) Orioli, 1828a, 240-243 (vescica).—Tenderini, 1858a, 257; 1873a, 369-372; 1874a, 82-83.

(NEW YORK) Clark, 1844a, 384-385 (urethra).

(RUSSIA) Karnitsky, 1902a, 1288-1289; 1902b, 607; 1904, RmR, v. 2 (7), 428-429 (vagina).

(U. S. A.) Krackwizer, 1867a, 174-179; 1867b, 494-495 (urethra).—Porter, 1874a, 235 (bladder).

—, groin: (BERGAMO) Contini, 1834a, 61-63; 1834b, 47-48.

(DEUTSCHLAND) Schelhammer, 1687a, 19-22.

(ITALY) De-Pietra Leone, 1899a, 291-292.

ASCARIS lumbricoides. Continued.

Erratic—Continued.

- (LOND.) Howell, 1845a, 35; 1846a, 241 (symptoms of hernia).
 (SPAIN) Batalla, 1859a, 64.
 (SWEDEN) Blom, 1810a, 115-119 (glands).
 (SWITZERLAND) Buxtorff, AH, v. 7, 106.
 —, hydropneumothorax: (PARIS) R. Bl. & Letoux, 1914, BAM, v. 72, 27-35; 1914, Pm, v. 22 (58), 563.
 —, intestines (from): (CALCUTTA) Pillay, 1902a, 600-601 (abdom. wall).
 (DEUTSCHLAND) Borger, 1891a, 1-19, figs. 1-2 (liver).—Zipperlen, 1842a, 1-19.
 (GR. BRIT.) Archer, 1857, 215-216 (large intest.).
 (SAAZ) Loewy, 1895a, 253; 1896a, 198.
 (TORINO) Linoli, 1854a, 129-142 (cecum).
 —, —, perforation: (DEUTSCHLAND) Garmann, 1670b, 321.—Heister, 1727a, 391-392.—Schroeder, 1887a, 1-22, pl. 1.—Silchmueller, 1762a, i-viii.
 (DOUBLENS) Veret, 1837a, 70-72; 1837b, 569-570.
 (DUBLIN) Gordon, 1870a, 178-179.
 (FRANCE) Duf., 1905, GG, v. 20, 97-99.—Millard, 1911, AMPm, 1911, MS, v. 28 (5), 560.
 (GR. BRIT.) Lettsom, 1817a, 114-121.
 (GREECE) Apostolides, 1886, 488; 1898, 1254.
 (GRENOBLE) Carlier, 1905, v. 29 (4), 103-112.
 (ITALY) Conte, 1865a, 366; 1865b, 451; 1865c, 401.
 (LEIPZIG) Ludwig, 1762, i-viii.
 (PARIS) Julien, 1908, RgCT, v. 22, 247.
 (PIEDIMONTE A'ALIFE) Coppola, 1842a, 129-131; 1843a, 192.
 (RUSSIA) Anrep, 1877, 400 (escape thru ventral wall).—Petrovsky, 1881a; 1881b, 269-270.
 (U. S. A.) Ager, 1903, JAMA, v. 40 (9), 565-566; 1903, MR, v. 63 (10), 387-388; 1903, PMJ, v. 11 (10), 410.
 (ZURICH) Gyser, 1797a, 203-204.
 —, liver: (CEYLON) Chalm., 1904, SZ, v. 2, 47-49, pl. 1 figs. 1-2.
 (DEUTSCHLAND) Dunkel, 1897, 1-30 (abscess).—Leick, 1898a, 313-314 (abscess).
 (EGYPT) Kartulis, 1887a, 65-67.
 (FIRENZE) Mattei, 1857a, 193-196; 1857b, 490-500.
 (FRANCE) Bargioni, 1864a, 365-368.—Bossuat, 1902, v. 6 (2), 193-197.—Mongour & Marchand, 1898a, 262-263; 1898b, 572 (icterus; miliary abscesses; fatal).
 (ITALY) Agostinalli, 1814, 168-170 (twined around a calculus).—Maurizi, 1902a, 198-223; 1904a, 736-737.—Pellizzari, 1864a, 44-56; 1864b, 3-17.—Pisano, 1858a, 575-576; 1858b; 1858c, 115-120.
 (LOND.) Thoms., 1901a, 164 (multiple abscess).
 (LYON) Vinay, 1869a, 251-253 (icterus); 1870a, 35-37.—Némard, 1908a, 1-85.
 (MONTPELLIER) Sahattchieff, 1906a, 1-57.
 (MOSKOW) Krasnobayef, 1894a, 898-900.
 (NAP.) Viola, 1896a, 603-605.
 (PARIS) Bourgeois, 1856a, 279-280.
 (RASGRAD) Oks, 1883a, 337-338; 1883b, 479; 1883c, 637; 1883d, 432.
 (ROME) Schupfer, 1904b, 294-296; 1904c, 473; 1904d, 899; 1904e, 192.
 (ROSTOCK) Schaefer, 1900a, 1-19.
 —, mouth: (LOND.) Moore, 1852a, 532.
 (U. S. A.) Morland, 1857a, 409-417; 1859b, 65-75.
 —, muscle of neck: (GENOA) Brigidi, 1892a, 622-623, fig. 1 (passando a traverso la colonna vertebrale da un ascesso scrofuloso apertosi nella faringe).
 —, nostril: (BANGOR, MAINE) Loughton, 1871a, 181-182.
 (BOSTON) BMSJ, 1842-43, v. 27, 121 (thimble as a worm-trap).

ASCARIS lumbricoides—Continued.

Erratic—Continued.

(DEUTSCHLAND) Lange, 1788a, 154-160, pl. 1 (frontal sinus).

(LYON) Martin, 1798a, 397-399.

—, ovary: (DEUTSCHLAND) Amann, 1905, MGG, 166; 1906, BMJ, v. 1, 71.

(U. S. A.) Fry, 1909, MR, v. 75 (26), 1123; 1909, JAMA, v. 53 (13), 1028; 1909, CfB, v. 45 (6), 179.

—, pancreas: (CEYLON) Chalm., 1904, SZ, v. 2, 47-49, pl. 1 figs. 1-2.

(GR. BRIT.) Nash, 1883a, 770.

(LYON) Xémard, 1908a, 1-85.

—, pancreatic ducts: (ITALY) Ghedini, 1904, GdO, v. 25 (136), 1435-1436; 1904, DmW, v. 30 (49), 1820; 1905, NYMJ, v. 81 (1), 40; 1907, CfB, v. 39 (23-25), 782.

(LOND.) Nash, 1883a, 770.

(TÜBINGEN) Gmel., 1738a, 1-28.—Mauchart, 1738a.

—, peritoneal cavity: (BONN) Liesen, 1904a, 1-33; 1905a, 328-329.

(LYON) Gavard, 1888a, 537-538.

(PRAG) Bergmann, 1890a, 617-618; 1891a, 259.

(U. S. A.) Poucet, 1890, v. 1, 20; 1894, JHHR, v. 3 (7-8-9), 374.

—, peritoneum: (PARIS) Becquerel, 1841a, 169-170 (perforation of cecal appendix).

(PAVIA) Sangalli, 1880a, 18-24.

—, pleural cavity: (CHILI) Teofili, 1904a, 129-134.

(BERLIN) Luschka, 1854a, 410-412; 1854b, 527.

(TORINO) Balliano, 1917, GrAM, 185-193.

—, stomach: (U. S. A.) Lente, 1850a, 167-169 (dyspnoea).

—, trachea: (CHRISTIANIA) Norman, 1881a, 272-274.

(DENMARK) Hanstedt, 1910, HT, v. 3 (20), 551-555; 1910, DmW, v. 36 (23), 1103 (death by strangulation).

(LYON) Rabot, 1904a, 864-865.

(MÜNCHEN) Dressler, 1869a, 338-342.

(PARIS) Bourgeois, 1856a, 279-280.

(STRASBOURG) Arronsohn, 1855, AgM, v. 6, 475-478 (asphyxia).

(WIEN) Fűrst, 1879a, 52-54, 111-113, 140-143.

—, umbilicus: (BERL.) Borggreve, 1841a, 117; 1842a, 353.

(DEUTSCHLAND) Berner, 1876a, 238-239.

(DUBLIN) MacSwiney, 1875a, 251-253 (fistula).

(FORLÌ) Casali, 1879a, 281-291.

(GLASGOW) MacPhail, 1886a, 8-9.

(HOLLAND) Was, 1790a, 473-484.

(ITALY) Girone, 1838a, 145-155; 1838b, 231-232.—Nicolich, 1845a, 89-91.—Polvere, 1834a, 96-99.

(KASHMIR, INDIA) Mitra, 1891a, 381-382.

(NAP.) Clemente, 1878a, 358-368. Licci, —?—, Filialre-sabazio, v. 12, 234-235; 1838a, 567-568.—Mercogliano, 1838a, 295-296.

(PARIS) Lini, 1837b, 428.—Poussin, 1817a, 81-88.

—, uterus: (FRANCE) Bedel, 1856a, 549-551 (complicating hydrometritis).

Etiology: (FRANCE) R. Bl., 1900g, 486 (rôle des eaux et des légumes).

Expulsion: (BALTIMORE) Pole, 1883a, 184-186 (41 worms in 34 days).

(BOSTON, MASS.) Williams, 1857a, 163; 1859a, 81 (with a dress hook attached).

(COSHOCTON, OHIO) Morton, 1833a, 28-35.

(ITALY) Aless., 1899, 83-84 (abnormal).

(TOULOUSE) Bessières, 1848a.

Geographic distribution: R. Bl., 1888a, 661-704, figs. 340-348.—Comby, 1897, 20 Gen. pr., v. 12, 642-644 (increasing rarity in cities).—Mans., 1903e, 642-643.

(AMAZONAS, BRAZIL) da Matta, 1914, 388.

ASCARIS lumbricoides—Continued.

Geographic distribution—Continued.

- (BOLIVIA) von Marter, 1907, RMCA, v. 3 (30), 742-749.
 (CANNANORE, INDIA) Fearnside, 1897a,—; 1898a, 468 (in Central Jail).
 (CARTHAGE) Galli-Val., 1907, 213, 214, 224.
 (CHINA) Maxwell, 1916, 238.
 (CHINA AND INDO-CHINA) Regnault, 1904a, 133-134.
 (CHINA AND JAPAN) Vidal, 1865a, 1-87.
 (COSTA RICA) Jamison, 1913, 70.
 (DARBHANGE DISTRICT, INDIA) Calvert, 1900a, 385.
 (EGYPT) Pruner, 1847a, 244.—Sons., 1883, v. 1, 155.
 (ENGLAND) Copeman, 1842a, 70 (sheep).—Rans., 1856a, 599-600.
 (FRENCH COLONIES) Kermorgant, 1904g, 335-342; 1904h, 1455; 1904k, 192.
 (FUKIEN, PROVINCE, CHINA) Cattoi, 1905, Jan. 7, 13.
 (GRANDE COMORE) Lamoureux, 1913, BSPe, v. 6 (6), 455-457.
 (GREENLAND) Leuck., 1863a, 440.
 (GULF OF GUINEA, W. AFRICA) Daniell, 1849, 53.
 (HAWAII) Lutz, 1893a, 126.
 (KAIROWAN) Galli-Val., 1907, 213, 214, 224.
 (KIEL) Lienau, 1896a, 1-13.
 (LANGENBURG, NYASSA-SEE, AFRICA) Linst., 1901, 409.
 (LORRAINE) Perrin & Thiry, 1913, RmE, v. 45 (11), 422 (in iron mines).
 (MALABAR DISTRICT, INDIA) Nair, 1914, IMG, v. 49 (9), 349-352; 1914, TDB, v. 4 (9), 526.
 (MOMBASA) Shircore, 1916, 239, 240, 241, 242, 243.
 (NEW S. WALES) Tidswell & Johnst., 1912, v. 2, 112.
 (NORMANDY) Spalikowski, 1897a, 1056; 1898a, 352.
 (PHILA.) Smith, A. J., 1911, 170, fig. 1 (in Russian).
 (PORTO RICO) A., K., & G., 1904, Dec. 1, 91.
 (QUEENSLAND) Nicoll, 1914, Sept. 12, 4.
 (ROUMANIA) Leon, 1913, 380-382, fig. 1.
 (SICILY) Caland., 1889a, 67; 1890a, 95, 100-106; 1904, 63.
 (S. AFRICA) Gough, 1908, 3.
 (SPANISH HONDURAS) Barlow, 1915, 272.
 (TONKIN) Abbattu, 1908, Caducée, v. 8 (14), 187-188.—Mathis, 1914, 197.
 (TRIPOLITANIA) Midulla, 1915, Morgagni, v. 57 (1), 391-408, pl. 1.
 (TUNIS) Galli-Val., 1907, 213, 214, 224.
 (TURKESTAN) Linst., 1883a, 276.
 (VICTORIA) Tidswell & Johnst., 1912, v. 2, 112.
 (W. AUSTRALIA) Tidswell & Johnst., 1912, v. 2, 112.
 Habits: (LONDON) MNH, 1834, v. 9, 243.
 (PHILA.) Tyson, 1903a, 1190.
 Heavy infection: (DEUTSCHLAND) Huber, 1896a, 587.—Nevermann, 1838a, 636-637.
 (FRANCE) D'Ardenne, 1880, JH, Aug. 14; 1880, GC, v. 34 (2), 2.
 (LOND.) Johns., 1858a, 886-887.

ASCARIS lumbricoides, in:

- Abscess: (AUSTRIA) Medlin, 1866a, 110; 1866b, 159-160; 1866c, 473.
 (DEUTSCHLAND) Bingert, 1784a, 229 (hypogastrium).
 (FRANCE) Lapasset, 1910, BSMmf, v. 4, 139-142 (stercoral).
 (INDIA) Mullan, 1916, IMG, v. 51 (3), 115; 1916, TDB, v. 8 (3), 199 (abdominal).
 (ITALY) d'Alessandro, 1905, GiM, v. 8 (5), 57-58 (intestinal).—Desanctis, 1880, Gm, v. 31 (3), 49-55; 1880, GSMM (lombare).
 (NEW ORLEANS) Matas, 1900a, 656; 1901a, 34-35 (abdominal).

ASCARIS lumbricoides—Continued.

Abscess—Continued.

(PHILIPPINES) Caballero, 1913, 292-293.

(REIMS) Lardennois, 1900a, 285-287 (abdominal, intestinal fistula).

(SWITZ.) Willius, 1751, AH, v. 1, 73-76.

Femoral cyst: (FRANCE) Martinez, 1892a, 408-409; 1892b, 636.

Hernia: (DEUTSCHLAND) Schmidt, 1681a, 166.

(ITALY) Amatori, 1877, 149-155 (chelotomy).

Phlegmon: (CHAROLLES) Pézerat, 1829a, 268-272 (du flanc et de la fosse iliaque).

(ITALY) Termini, 1872a, 526-529; 1872b, 243-245; 1872c, 1102-1103.

Tumor: (DEUTSCHLAND) Klein, 1914, DmW, v. 40 (29), 1497-1498 (resembling t.).

(FRANCE) Vital, 1874c, 353 (ombilicale; foyer purulent intra-peritoneal).

ASCARIS lumbricoides, in various animals:

Anas boschas: Bloch, 1779a, 552-553 (seu Fasciola lumbricoides).*Bos taurus*: Bennet & Olivier, 1826a, 8-9.—Rud., 1809a, 124-128; 1819a, 37, 267-268.—Ward, 1895a, 333.*Canis fam.*: Leiper, 1913, 268.*Dicotyles sp.*: Stiles & Hass., 1894e, 339.*Equus asinus*: Bennet & Olivier, 1826a, 8-9.—Rud., 1809a, 124-128; 1819a, 37, 267-268.*Equus cab.*: Bennet & Olivier, 1826a, 8-9.—Bolotoff, 1869a, 9-12.—Rud., 1802a, 10-11; 1809a, 124-128; 1819a, 37, 267-268.*Homo*: Abbattucci, 1908, Caducée, v. 8 (14), 187-188.—Amesse, 1913, 521.—A., K., & G., 1904, 91-92.—Barlow, 1915, 272.—Bennet & Olivier, 1826a, 8-9.—Braun, 1883b, 46; 1894i, 602.—Caland., 1889a, 6, 7.—Catto, 1905, Jan. 7, 13.—Cond.-Franc., 1915, Pol., v. 22 (31), 1915, JAMA, v. 65 (10), 913.—D., T., & C., 1904, 18.—Doyle, 1900a, 840; 1900b, 940.—Galli-Val., 1907, 213, 214, 224.—Geddelst, 1911a, 131.—Gough, 1908, 3.—Isola, 1908, Cmi, v. 47, 537-546.—Jamison, 1913, 70.—Jørdens, 1802a, 22-29, pl. 1 fig. 11, pl. 2 figs. 6-13.—Leon, 1913, 380-382, fig. 1.—Liebermeister, 1913, MK, v. 9 (33), Aug. 17; 1913, JAMA, v. 61 (13), 1081.—Linst., 1901, 409.—da Matta, 1914, 388.—Rud., 1802a, 10-11; 1809a, 124-128.—Rans., 1856a, 599-600.—Schneid., 1866a, 36-38, figs. 1-2, pl. 1 fig. 2, pl. 2 figs. 4-7.—Smith, A. J., 1911, 170, fig. 1.—Spalikowski, 1897a, 1056; 1898a, 352.—Stiles, 1915, 1902ff.—Stiles & Hass., 1894e, 339.—Tidswell & Johnst., 1912, v. 2, 112.—Ward, 1895a, 330.—Zwicke, 1841a, 29.

—(children): (AUSTRIA) Neum., 1913, WkR, v. 27, 387, 401, 419, 436, 451, 467, 483; 1913, DmW, v. 39 (34), 1656; 1913, MmW, v. 60 (41), 2302, 2303.

(BORDEAUX) Durodie, 1878a, 223-224 (convulsions, death).

(DEUTSCHLAND) Barthez & Rillet, 1856a, 1025-1059.—Biedert-Vogel, 1890, 180.—Gerhardt, 1871a, 414.—Heim, 1900a, 166-167 (nervous symptoms).—Herbst, 1787a, 25-26.—Lechler & Plew, 1914, AK, v. 62 (1-2), 1914, BkW, v. 51 (4), 170; 1914, DmW, v. 40 (21), 1083.

(DUTCH INDIA) Westhoff, 1884, GTNI, v. 24 (2), 172.

(FRANCE) Bouchut, 1862b, 566-573.—Reuss, 1883a, 179-185.

(HUNGARY) Negresco, 1904a, 35-36; 1904b, 37-39, 1905a, 503 (in respiratory system).

(INDIA)—Victor, 1885a, 319.

(ITALY)—Giarre, 1893a, 445-451 (geophagia); 1894a, 388; 1894, BdC, v. 11 (8), 293-298.

(LONDON) Hounsell, 1892a, 631.

(MONTPELLIER) Gaujoux & Brunel, 1909, Mm, v. 29, 321-323.

(NAP.) Consorti, 1912, Ped., v. 20, 855-858.

(NEW BRUNSWICK, CANADA) Adams, 1869, 539-543; 1870, 235-238.

(NEW YORK) Holt, 1902a, 444-445.

(PARIS) Weill & Mouriquand, 1909a, 65-70; 1909b, 156-157.

(PHILA.) Anders, 1903a, 537 (?).—Lockwood, 1901a, 822.

(ROSTOCK) Hanmann, 1840a, 570-571.

(RUSSIA) Bukvinski, 1892, Urach, (27), 676-677.

(U. S. A.) Hemmeter, 1902, v. 2, 537.

ASCARIS lumbricoides, in—Continued.

- Larus cinereus*: Bloch, 1779a, 552-553 (seu Fasciola lumbricoides).
Mus musculus: Stewart, 1916, 486, 487, 488.
Ovis aries: Cobbold, 1873c, 80, 123.—Copeman, 1842a, 70.—Curtice, 1890c, 16, 145, 151-152, pl. 21.—Stewart, 1898a, 325.—Stiles & Hass., 1894e, 339.—Ward, 1895a, 336 (see ovis).
Simia satyrus: Ben., 1878a, 278.—Leidy, 1891a, 410.—Stoss., 1901a, 90 (2) (Sarawak).
Sus scrofa: Bennet & Olivier, 1826a, 8-9.—R. Bl., 1888a, 665.—Glage, 1911, DFZ, v. 8 (2), 24-28, fig. 1.—Jensen, 1914, 35.—Löwenthal, 1908, BtW, (32), 557; 1909, v. 32 (6), 89 (s. suilla).—Ostertag, 1907a, 37-38; 1907b, 306; 1907c, 283; 1907d, 122.—Rud., 1802a, 10-11; 1809a, 124-128; 1819a, 37, 267-268.—Schneid., 1866a, 36-37, figs. 1-2, pl. 1 fig. 2, pl. 2 fig. 4-7.—Stiles & Hass., 1894e, 339.
Troglodytes anthropopithecus: Shipley, 1905, PZSL, 252.
Intermediate Host alleged: Braum, 1906a, 335 (*Julus guttularis*).—Lins., 1886g, 525-528; 1886h, 989; 1887a, 49-50.
Infection, Lumbricose, Lumbricosis, Helminthiasis lumbricoides, etc.: (BERLIN) Behrens, 1740a, 1-21.
(DEUTSCHLAND)—Lutz, 1888f.—Marggraf, 1799a, 1-19.
(FRANCE)—Poumayrac, 1913, AHMc, v. 16, 783; 1914, CfB, v. 62 (9), 369; 1914, TDB, v. 3 (6), 298.—Verdun, 1907, 322.
(INDIA) MacGregor, 1914, IMG, v. 49 (5), 187-188; 1914, TDB, v. 4 (2), 104.—Stewart, 1916, BMJ, v. 2, 486-488 (experiments).
(ITALY) Galvagno-Bordonari, 1885a, 245ff.
(MADRID) Gine y Partagas, 1860a, 182-184, 199-202, 211-215.
(PARIS) Duf., 1825c, 332-352.—Kermorgant, 1904g, 335-342.
Influence on eyes: (DEUTSCHLAND) Bäumler, 1906, AfA, v. 57, 69; 1908, CfB, v. 41 (19-21), 668; 1908, ZFM, v. 18 (11), 369.
(PETROGRAD) Andogsky, 1894, 271; 1895, 34.
In eye of dress hook: (U. S. A.) Jackson, 1857a, 177.
Life-cycle, Life-history, etc.: (CHINA) Stewart, 1917, China MJ, 113-118.
(EDINBURGH) Macdonald, 1916, BMJ, v. 2, 474-475.
(FRANEKER) von Chur, 1772a, 1-100.
(GR. BRIT.) Fagge & Pye-Smith, 1902a, 461-462.
(INDIA) Stewart, 1916, BMJ, v. 2, 474, 753-754.
(LOND.) Ross, 1916, BMJ, v. 2, 60-61.—Stewart, 1916, BMJ, v. 2, 5-7, figs. 1-3.
(PARIS) R. Bl., 1888a, 661-704, figs. 340-348.
Metabolism: (DEUTSCHLAND) Kemnitz, 1912, AZ, v. 7, 463-603, pls. 1-5 figs; 1-9.—Weinl., 1902a, 1; 1902b, 86-111 (extracts); 1903a, 113-116; 1903b, 516 1903c, 59; 1903h, 787; 1905a, 29 (extracts).
(U. S. A.) McCrudden, 1911, JBC, v. 9 (2), viii (presense of a glucose-protein compound).
Pathogeny: (ITALY) Cinaglia, 1913, GdO, v. 34, 450-452.
(PARIS) Guiff., 1899a, 1000-1002, fig. 1; 1899b, 1-3; 1900f, 70-81, fig. 1; 1903d, 81; 1904, 5; 1905, Jan. 15, 177.
(PISA) Frederici, 1902a.
(TORINO) Pizzini, 1895, GrAM, v. 1 (3-4), 229-230.
Pathology: (FRANCE) Brugeas, 1911, 1-62.
(LEIPZIG) Treutler, 1793a, in 1-44, pls. 1-4.
(PARIS) Roger, 1864a, 200-208; 1864b, 678-686.
(PETROGRAD) Blymenau, 1894a, 1288, 1313.—Shevelev, 1895a, 52-54.
Prevalence: (NEW BRUNSWICK, CANADA) Adams, 1869, 539-543; 1870, 235-238.
(PHILA.) Anders, 1903a, 1247.
Statistics: (U. S. A.)—Stiles, 1915, 2060ff.—Stiles & Garrison, 1906a, in 1-77, pls. 1-3.

ASCARIS lumbricoides:

- And surgery: (PERSIA) Allen, 1913, JAMA, v. 60 (25), 1953-1954.
 (TORINO) Momigliano, 1905a, 213-215.
 (U. S. A.) Perkins, 1911, DMTUMJ, v. 30 (12), 463, figs. 1-2.
 Symptoms: (BALTIMORE) Hemmeter, 1902a, 571.
 (CINCINNATI, O.) French, 1896a, 646.
 (DEUTSCHLAND) Heine, 1900, DmW, v. 26 (10).—Huber, 1896a, 587.
 (FIRENZE) Malagodi, 1904a, 433-440.
 (FRANCE) Gaz. méd. d. Dijon.—AJMS, 1845, v. 9, 200.
 (GR. BRIT.) Fagge & Pye-Smith, 1902a, 462-463.
 (LOND.) Boddy, 1878a, 209-211.—Mans., 1901c, 545; 1903e, 643.
 (NEW YORK) Comby, 1897, 20 Cen. Pr., 643-644.
 (PARIS) Loi, 1898, Méd. mod., v. 9 (42), 324.
 (PHILA.) Anders, 1903a, 1247.—Tyson, 1903a, 1190.
 (ZURICH) Eichhorst, 1901a, 301.

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- Meningitis: (GR. BRIT.) Whitelock, 1913, MR, v. 84 (21), 966 (escape through perforated appendix).
 Typhoid fever: (FRANCE) Chauffard, 1895a, 505-506; 1896a, 790.—Tauchon, 1897a, 1-50; 1897b, 618-619.
 (GR. BRIT.) Atkinson, 1882, v. 2, 425.
 (LYON) Plantier, 1909, BSmH, v. 8, 320-322; 1909, Lm, v. 113, 331-333.
 (MILAN) Ligorio, 1904a, 142-144.
 (STRASSBURG) Westphalen, 1906, SmZ, v. 3, 193-194.
 (WIEN) Barsi, 1903, WmW, v. 53, 1480-1484.

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- (ITALY) Candido, 1910, Mi, v. 8 (6), 137-138 (acute intoxication); (7), 160-162; 1910, GiSm, v. 32, 414-417.

Toxine: (DEUTSCHLAND) Linst., 1896b, 9.

- (JAPAN) Shimamura & Fujii, 1916, Saikinaku Zasshi, 25-60, 9-50; 1917, China MJ, v. 31, 69, 71; 1917, TDB, v. 10, 117-118.

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- (DEUTSCHLAND) Epstein, 1892a, 1-16; 1892b, 287-301; 1892c, 393; 1892d, 703-704; 1892e, 912-913; 1892f, 372-373.

- (U. S. A.) French, 1896a, 634.

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—, calomel: Tyson, 1903a, 1190.

—, cineola: Brünning, 1912, ZePT, v. 11 (1), 155-168.

—, Corsican Moss (*helminthochortin*): Comby, 1897, 20 Cen. Pr., 644.

—, *Dolichos pruriens*: Corrêa, 1836, JSSmJ, v. 4, 267-270.—Fagge & Pye-Smith, 1902a, 463-464.

—, *Hydrargyri subchloridum*: Kobbekaduwe Tikiri Banda, 1908, BMJ, v. 1, 1088.

—, iodoform: Shidlovski, 1882a, 689; 1882b, 439; 1883a, 192; 1883b, 44.

—, laparotomy: Rocheblave, 1898a, 651-652.

—, massage, intra-abdominal: Rocheblave, 1898a, 651-652.

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- , oil of petroleum: Bouchut, 1865a, 121.
- , oil of turpentine: Fagge & Pye-Smith, 1902a, 464.
- , saccharum album: Kobbekaduwe Tikiri Banda, 1908, BMJ, v. 1, 1088.
- , santonin: Anders, 1903a, 1248.—Anderson, 1864, 443, 444, 445.—Bouchut, 1871a, 322-334.—Comby, 1897, 20 Cen. Pr., 644.—Eichhorst, 1901a, 300.—Fagge & Pye-Smith, 1902a, 463-464.—French, 1896a, 644-646.—Hemmeter, 1902a, 575. Holt: 1902a, 445-446.—Kobbekaduwe Tikiri Banda, 1908, BMJ, v. 1, 1088.—Lockwood, 1901a, 822.—Mans., 1901c, 545; 1903e, 645.—Tyson, 1903a, 1190.
- , spigelia: Anders, 1903a, 1248.
- , spigelia and senna: Anders, 1903a, 1248.—French, 1896a, 645.—Lockwood, 1901a, 822.
- Vermehrung: (ROUMANIA) Radu, 1882a, 1386-1388.
- With *Hymenolepis diminuta* and larvae of *Calliphora vomitoria*: Cond.-Franc, 1908, BSzi, v. 9 (1-2), 63-78.
- With *Lamblia intestinalis*: Tribble, 1911, USNMB, v. 5 (2), 178-180 (associated with amoebic dysentery).
- With *Necator americanus*: Echeverria, 1912, NYMJ, v. 95, 380-381, fig. 1.
- With *Tenia elliptica*: Leuck., 1887h, 718-722.—Lutz, 1887b, 713-718; 1888c, 299-300; 1888k, 426.
- With a tapeworm: Schöenemann, 1804a, 94-104.
- With *Trichocephalus dispar*: Sabrazès & Cabannes, 1897, BMSmH, v. 14, 772-776.
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- lumbricoides canis* Rud., 1805a, 35.
- lumbricoides equi* (Schrank, 1788) Rud., 1805a, 35; 1809a, 125 (so. *lumbricoides*) (refers to Bloch, 1782a, 29, pl. 8 figs. 4-6).
- lumbricoides (hominis)* Rud., 1809a, 124, 125 (so. *lumbricoides*).—[Müell., 1774b, 35.—Bloch, 1782a, 29, pl. 8 figs. 4-6.—Gmel., 1790a, 2029.—Jørdens, 1801a, 22, pl. 2 figs. 6-13.—Linné, 1767a, 1076.—Schrank, 1788a, 6.—Werner, 1786a, 75-84, pl. 7 figs. 153-159].—Züern, 1882a, 238.
- lumbricoides rostratus* Scortegagna, 1848a, 245, pl. 5 fig. 1 (in *Homo*; Italy).
- lumbricoides suilla* (Duj., 1815) Petrunkevitch, 1916, Morph. inverteb. types, 79-86.
- lumbricoides suis* (Gmel., 1790) Vaull., 1901a, 98.
- lumbricoides tauri* Rud., 1805a, 35.
- lumbricoidis* Sons., 1897, 255 (misprint for *lumbricoides*).
- lunata* Linst., 1904o, 493, fig. 17 (in *Herpetodryas carinata*; Honduras).
- lupi* (Gmel., 1790a, 3031 (in *Lupi intestinis*; Redi, 75).—Stoss., 1898, 67 (so. *mystax*).
- lyra* Rud., 1819a, 59, 302 (in *Trigla lyra*; Nap.).—Carus, 1884, v. 1, 171.—Dies., 1851a, 202 (in T. l.).—Par., 1894a, 217.—Stoss., 1896a, 56 (50) (so. *capsularia*).
- macrocerca* Stoss., 1902e, 3, pl. 4 figs. 26-27, pl. 5 fig. 28 (in *Lophius budegassa*; Genoa).
- macrolabium* Stoss., 1897a, 2-3, fig. 9 (in *Sertanus gigas*; Nap.).
- macroptera* Dies., 1851a, 182 (in *Champsia nigra*; Brazil); 1857a, 13, pl. 1 figs. 18-23; 1861a, 666.—Drasche, 1883b, 132, pl. 10 fig. 16-18.—Stoss., 1896a, 14 (8) (so. *mystax*); 1898, 67.—Also reported for *Jacare nigra*.
- macruri* Linst., 1888a (b) 7, pl. 1 figs. 10-11 (in *Macrurus rudis*; Challenger).—Linst., 1901b, 410, 479.—Stoss., 1896a, 40 (34) (in M. r.).
- macruridei* Linst., 1888a (b) 7-8, fig. 1 (in *Macrurid*; Challenger Station, 147).—Linst., 1901b, 410, 479.—Stoss., 1896a, 45 (39) (in *Macrurus* sp.).

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- madagascanensis* Linst., 1897i, 27-28, pl. 4 fig. 1 (in Potamocheilus edwardsii; Madagascar).
- mæna* Rud., 1819a, 58, 301 (in Sparus mæna; Rimini).—Carus, 1884, v. 1, 171.—Dies., 1851a, 200 (in Mæna vulg. R.).—Duj., 1845a, 182.—Par., 1894a, 216.—Stoss., 1896a, 89 (83) (in M. v.; R.).
- mæna-zebra* Stoss., 1897a, 3 (in abd. cav., Mæna zebra; Trieste) (young of adunca); 1898, 74 (in M. z.).
- magnivalvis* Crep., 1846a, 154 (in Callionymus lyra; Zool. Mus. Stockh.).
- major astrophidis-tigris* Dies., 1851a, 195 (for lumbricoides of Lamarepicquot) (in Astrophis tigris; by Lamarepicquot).
- manis* Dies., 1851a, 190 (in Manis pentadactyla; India, Ceylon; Whiteford, 1829a, 58-60, pl. 1).—Stoss., 1896a, 69 (63) (in M. p.).—Also reported for M. brachyura.
- mareca* Gmel., 1790a, 3037 (quotes: Koeh. comm. petrop. 18, 509).—Rud., 1809a, 202 (so. albulæ).
- marecæ* Dies., 1851a, 194 (in Anas penelope) (s. Asc. of Mareca penelope of Bellingh., 1844a, 174; Ireland).—Stoss., 1896a, 72 (66) (in A. p.; I.).
- marginalis* Rud., 1802a, 11-12 (s. canis Linn., Fus. werneri pars) (in Canis dom.; by Rud.); 1809a, 138-139 (s. canicule, canis, lumbricoides pars, teres canis, tricuspidata, werneri, Lumbricus canis Werner) (in C. d.); 1819a, 41.—Aitken, 1866, 846; 1872, 151.—Anacker, 1891d, 407; 1892m, 584.—Bail., 1866b, 13, 14, 31, 32, 33, 34-35, 36.—Baird, 1853a, 17.—Bellingh., 1844a, 169.—R. Bl., 1888a, 704 (so. mystax), 706.—Blumberg, 1884a, 154 (in cat, dog; Kasan).—Braun, 1883a, 148; 1891e, 110; 1903a, 302; 1908a, 341; 1915a, 365, 366, 367.—Brems., 1824e, pl. 4, fig. 21.—Brumpt, 1913a, 414.—Bull. 49, Kansas City Vet. Coll., 1915, 1193.—Campb. & Lacr., 1907, 69-70.—Cast. & Chalm., 1910a, 443; 1913a, 546.—Cat. R.C.S.L., 1830, 42.—Cobbold, 1958b, 167; 1866b, 9; 1869a, 47, 53; 1871l, 495; 1873c, 83; 1874d, 8; 1874t; 790; 1879b, 237, 245, 302.—Crep., 1839a, 282.—Dav., 1877a, xcvi-xcix, 233.—Desmonceaux, 1868a, 18.—Dewitz, 1892b, 72, 74, 147.—Dies., 1851a, 180-181 (in Canis fam., C. aureus, C. azaræ; Brazil, etc.); 1861a, 665 (in C. fam.; Pa.).—Dunlop, 1845a, 160-161.—Dungl., 1893a, 463.—Fiebiger, 1912a, 296.—Fraenkel, 194a, 451.—Giebel, 1857a, 268.—Grassi, 1888r, 612, 613; 1888s, 776-777; 1888t, 22-123, 125-131.—Gurlt, 1831a, 366, pl. 8 figs. 11-15.—Glaue, 1910, ZA, 746.—Huber, 1896a, 588 (so. mys.).—Hut. & Mar., 1906a, 381, 395; 1910b, 494; 1913b, 478, 494.—Janson & Tokishige, 1892a, 351.—Knoch, 1862e, 3, 81, 105, 106, 117.—Krabbe, 1865e, 4, 15, 16, 17, 18, 20, 21, 38, 40, 49.—Kultschitzky, 1888d, 671-682, pl. 26-27 figs. 1-26 (embryology); 1889a, 223-224.—Lam., 1816, 208; 1840a, 665.—Leidy, 1856b, 50.—Leiper, 1907, 1297.—Leuck., 1867b, 18, 37, 50, 124, 223, 226; 1868a, 262, 278; 1879a, 193; 1886d, 152.—Lewald, 1852a, 14.—Linst., 1878a, 1 (so. mys.); 1903u, 265.—Martin, 1913, 74.—May, 1855a, 319.—Moniez, 1896a, 407.—Nev.-Lem., 1912a, 671.—Nordm., 1840a, 655 (s. canis Gmel.).—Oken, 1815a, 201.—Olfers, 1816a, 63.—Pease, 1898a, 81.—Penberthy, 1894b, 177-178 (in C. fam.).—Rail., 1889e, 124-126, 127 (evolution).—Risso, 1826, 260.—Schneid., 1866a, 38 (so. mys.).—Schränk, 1803, 195-196.—Seur., 1916, 388 (in mice).—Shaw, 1890, 615.—Sieb., 1854, 79, 80, 93.—Simon, 1897, 225.—Sl. & Sw., 1912a, 317.—Stewart, 1916, 488 (of dog. experimental in mice).—Stiles, 1914, MM, v. 2, 288.—Stoss., 1896a, 14-15 (8-9) (so. mys.); 1898, 67.—Verloren, 1854a, 41-47.—Verrill, 1870, 173.—Walter, 1866, v. 7, 18; 1866, 68.—Walton, 1916, 41.—Ward, 1895a, 301, 330 (so. mys.) (in Homo), 342 (in C. fam.); 1903, 223 (so. canis).—Wedl, 1856, 35, pl. 1 fig. 2.—Weiskopff, 1880, 229-231.—Youatt, 1832, 337-338.—Züern, 1882, 239.

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- marina* (Linn., 1767) Müell., 1780c, 211, 212 (in *Lophius piscatorius*).—Bennet & Olivier, 1826a, 17-18 (in Schelvisch.).—Dies., 1851a, 164 (so. rigida).—Fabr., 1794a, 37.—Gmel., 1790a, 3035-3036 (in *piscibus marinis*).—Rud., 1809a, 74 (of Gmel., so. *Fil. piscium*), 181 (of Müell., so. rigida), 202.
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- martis* Gmel., 1790a, 3031 (in *martis intestinis*; Goze, 1782a, 84).—Dies., 1851a, 189 (so. *mustelorum*) (in *Mustela martes*; Berl.).—Duj., 1845a, 159 (in M. m.; B.).—Rud., 1809a, 194-195; 1819a, 53 (so. must.).—Stoss., 1898c, 67 (so. *mystax*).
- mascula* Rud., 1819a, 653 (in *Coluber* sp.; Brazil).—Dies., 1851a, 154 (in C. lichtensteini, *Pseudophis bivittatus*; B.).—Duj., 1845a, 177-178.—Stoss., 1896a, 79 (73) (in C. l., P. b.).
- megacephala* Sieb., 1850c, 665 (for *megaloccephala*).—Mosler & Peiper, 1894a, 292.
- megalacephalus* Am. J. Vet. Med., 1912, v. 7, 28 (for *megaloccephala*).
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- (WIESBADEN) van Bommel, 1894b, 191, 196-198, 199, 200, 201, 202, 205, 207, 208, pl. 11 figs. 4-5, 15, 16.
- (WYE, ENG.) Theobald, 1898a, 24; 1900a, 56, 59.
- (MISCELLANEOUS) Baylis, 1916, 412.—Bodkin & Cleare, 1916, 182.—Budnowski, 1905, Jan. 15, 47-48.—Bunge, 1883-84, 59.—Desmond, 1905, 252.—Fourm., 1880, 842.—Graham-Smith, 1913, Flies & Disease, 204.—Kuschakewitsch, 1907, 228.—Mayer, 1908, 495-546, figs. A-B, pls. 15-16.—Rickmann, 1908, 154.

ASCARIS megaloccephala in various animals:

Bos taurus: Polonio, 1860b, 22 (Ticini, Padua).—Schneid., 1866a, 35–36, fig. 1, pl. 1 fig. 1, pl. 2 fig. 12.—Ward, 1895a, 333.

Canis fam.: Youngberg, 1896a, 478–479 (megaloccephalis).

Equus asinus dom. et fer.: Dies., 1851a, 168–169.

Equus cab.: Blumberg, 1884a, 154 (Kasan).—Dies., 1851a, 168–169.—Hoffm., 1905, Mar., 118–119: 1905, Mar. 28, 202: 1895, 26–27.—Kowal., 1904, 7 [22] (Lwów).—Lingard, 1905, 50 (small intestine).—Linst., 1903u, 265.—Montgomery, 1906a, 21 (India).—Polonio, 1860b, 22 (Ticini, Padua).—Rail., 1890, 317–321.—Rans., 1911a, 25.—Ritchie, 1915, 40 (Scotland).—Schneid., 1866a, 35–36, fig. 1, pl. 1 fig. 1, pl. 2 fig. 12.—Stiles & Hass., 1894e, 339.—Weinberg, 1907, Oct. 17–18 (Paris) (megaloccephala).

Equus przewalskii: Linst., 1903u, 265.

Equus species: Linst., 1903u, 265.

Equus zebra: Cobbold, 1866b, 9.—Dies., 1851a, 168–169.

Anatomy: (FRANCE) Cloq., 1824a, 58–60, pl. 1 fig. 5, pl. 3 figs. 4–5, pl. 4 fig. 2. (OXFORD) Rollet., 1888a, 676, 678, 680, 682, 683, 684, 685, 688.

—, “appareil buccal”: (GENEVA) André, 1916, RsZ, v. 24 (2), 351–353, figs. a–b.

—, “cellule intestinale et la liquide cavitare”: (PARIS) Fauré-Fremiet, 1913, CrSB, v. 74 (11), 567–569.

—, cuticle: (WIEN) Tolddt, 1899, AZIW, v. 11, 289–326, pl. 1 figs. 1–2; 1904a, 728–730 (Saftbahnen); 1905a, 539–542, figs. 1–3; 1912, ZA, v. 39, 495–497.

(ZURICH) Schulthess, 1882a, 182.

—, epithelium, intestinal: (FRANCE) Guieysse-Pellissier, 1909, CrAA, 11, 82–91, figs. 1–4 (karyokinetic division of cells).

(ITALY) Guerrini, 1910, AdP, v. 14, 193–223, figs. 1–4.

—, excretory system: (DEUTSCHLAND) Joseph, 1882b, 603–609.

(RUSSIA) Metalnukoy, 1897a, 473–480, figs. 1–7.

—, genital system: (BELGIUM) Ben., 1883a, 95–142, figs. 1–17 (female).

(HEIDELBERG) Wasielewski, 1893a, 324–337, figs. 1–16; 1893b, 477 (Keimzone).

(PARIS) Fauré-Fremiet, 1912, BSzF, v. 37 (8), 273–274 (cellules pariétales).

—, musculature: (DEUTSCHLAND) Bilek, 1910, v. 37, 67–78.—Joseph, 1882b, 603–609.

—, nervous system: (BRESLAU) Rohde, 1883b, 71–76.

(DEUTSCHLAND) Dogiel, 1908, ZwZ, v. 91, 659–662.—Goldschmidt, 1908, ZwZ, v. 90, 73–136, pls. 1–3 figs. 1–22; 1908, ZC, v. 15 (18–19), 560–563; 1909, ZwZ, v. 92, 306–357; 1909, ZC, v. 16 (9–10), 275–278; 1909, JRMS, (1), 51; 1910, ibid., (2), 170; 1910, FH, v. 2, 253–354, pls. 1–7 figs. 1–29.—Hesse, 1892a, 548–568, figs. 1–20; 1892b, 1–23, figs. 1–20; 1892c, 792.—Joseph, 1882b, 603–609 (peripheral).

(HALLE A. S.) Brand., 1892c, 106–107.

(PETROGRAD) Deineka, 1912, TSN, v. 42 (2), 101–359, figs. 1–57; 1913, CZaEb, v. 4 (5–6), 215.

—, oviducts: (DEUTSCHLAND) Zach., 1913, AA, v. 43 (8–9), 193–211, figs. 1–2, pl. 1 figs. 1–5.

—, posterior end: (MÜLHAUSEN I. E.) Voltzenlogel, 1902, ZJ, v. 16, 481–510, pls. 1–3 figs. 1–20; 1902b, 1–32, figs. 1–20; 1902c, 778–779; 1905a, 31–32.

—, sense organs: (DEUTSCHLAND) Goldschmidt, 1903b, 1–57, pl. 1–5 figs. 1–4; 1903c, 2534; 1903d, 203–204; 1904, ZC, v. 11 (11–12), 378–380.

ASCARIS megaloccephala—

Associated with:

Arcuothrix: Calkins, 1901b, 106 (in cultures).

“Fièvre charbonneuse”: Charon, Valade & Texier, 1910, RMv, v. 87 (15), 505–509.

Str. armatus & *Gastrophilus equi*: Matthieson, 1895a, 554–555; 1896a, 116.

Biology and physiological chemistry: (DEUTSCHLAND) Schimmelpfennig, 1902a, 1–49; 1903a, 332–376; 1903b, 356–357; 1903c, 178; 1903d, 295; 1903e, 423–424; 1904a, 113; 1904b, 519; 1904c, 218–220.

Cases: (LOND.) Percivall, 1829a, 358–359 (in large intestine).

(ROME) Valentini, 1897a, 96–97; 1897b, 177; 1897c, 536; 1898a, 96.

(U. S. A.) Wells, 1915, VAQ, v. 3 (1), 34–35; 1915, AVR, v. 7 (5), 619 (in stomach).

ASCARIS *megalocephala*, as—

Cause of:

- Colic: (KELLMEN BEI CHRISTBURG) Veit, 1909a, 93; 1909b, 139-140; 1910a, 162.
 (ORANGE FREE STATE) Wadlow, 1911, AJ, v. 2 (4), 476-482 (symptoms and treatment).
 (MISCELLANEOUS) Crichton, 1915, 630.
- Entero-peritonitis: (NEW YORK) Mills, 1893a, 89-92.
- Epilepsy: (PARIS) Boissière, 1886a, 440-443.
 (REDSBURG) Trüelsen, 1893a, 14; 1893b, 134-136.
- Lesions of the nervous system: (FRANCE) Rachmanow, 1914, Adl'IP, v. 28 (2), 181-193, figs. 1-6.
- Perforation of the intestine: (DEUTSCHLAND) Budnowski, 1904, ZV, v. 16 (8-9), 390-392; 1904, Dec. 15, 858-859.—Francke, 1904, FVH, v. 2 (7), 185-188, figs. 1-3; 1904, Dec. 15, 859; 1905, Jan. 1, 65-66; 1906, Jan. 5, 613-614.—Zorn, 1879a, 357-361.
 (HOLLAND) Markus, 1906a, 435-439; 1906b, 426-427; 1906c, 718; 1906, Al, v. 29 (50), 594; 1907, Amv, v. 55 (3), 168.—Laméris, 1899a, 393-394; 1900a, 47; 1900b, 60-61.
 (LOND.) Mettam, 1906, VJ, v. 62, 688-689, fig. 1; 1907, RgMv, v. 10 (109), 13.
 (LYON) Darmagnac, 1904, Ssv, Mars; 1904, Rv, v. 29 (9), 628.
 (PARIS) Barth., 1905, BScMv, v. 59, 278-281; 1905, JMvZ, v. 38, 552; 1905, Aug., 572; 1906, 116; 1906, Apr. 10, 263.—Comény, 1896a, 161-166.—Drapier, 1905, BScMv, v. 59, 502-504.
 (MISCELLANEOUS) Desoubry, 1905, Apr., 30; 1905, v. 31, 300; 1905, June 1, 413-414.
- Phthisis mesenterica and perforation of the stomach: (HUNGARY)—Zlamal, 1843a, 187-195; 1845a, 174; 1846b, 949.
- Cytology: (BELGIUM) Herla, 1894a (b), 423-520, fig. 1-103; 1895a, 37-38 (mitosis).
 (DEUTSCHLAND) Joseph, 1913, ZwMmT, v. 30 (2), 181-184, figs. 1, 2.—Romeis, 1913, AA, v. 44 (1-2), 1-14, figs. 1-11 (Plastosomen).
 (FRANCE) Bataillon, 1910, AEO, v. 30 (1), 24-44, figs. 1-13 (karyokinetic phenomena).
 (HEIDELBERG) Erlanger, 1896c, 297-310 (protoplasma, karyokinetic spindle, centrosome).
 (MÜNCHEN) Boveri, 1893a, 114-125, figs. 1-5.
 (PARIS) Fauré-Fremiet, 1912, CrSB, v. 72, 346-347 (mitochondries des gonocytes).
 (PLÖN) Zach., 1913, AA, v. 43 (2), 33-53, figs. 1-2 (Chromatin-Diminution in den Furchungszellen).
 (WIEN) Domaschko, 1905, AZIW, v. 15, 257-280, pls. 1-2 figs. 1-15; 1905, JRMS, (6), 701; 1906, ZC, v. 13 (19-20), 636.
- Development, Entwicklung, etc.: (DEUTSCHLAND) Albrecht, 1908, ZV, v. 20 (11), 465-471, figs. 1-15; 1908, T, v. 47 (12), 273-274; 1909, RgMv, v. 13 (146), 82-83; 1909, MtW, v. 53 (11), 202-204; 1909, VJ, v. 65, 212; 1909, MfD, v. 21 (4), 106-111; 1909, TR, v. 15 (23), 179; 1909, Al, v. 32 (31), 378; 1909, BtW, v. 25 (39), 717-718; 1909, VR, v. 22, 270.
 (MÜNCHEN) Boveri, 1899a (b, c), 383-430, figs. 1-6, pls. 40-45 figs. 1-45; 1899, NR, v. 15, 470-472, figs. 1-8; 1901a, 749-751.
 (PARIS) Fauré-Fremiet, 1912, CrAS, v. 155, 365-366 (parthenogenesis); 1913, AAm, v. 15 (4), 435-758, figs. 1-136, pls. 12-14 figs. (cycle germinatif); 1913, BSzF, v. 38, 68-70.
 (PADUA) Zoja, 1896a, 218-260, pls. 13-14; 1896b, 526.
 (PLÖN) Zach., 1887c, 111-182, pls. 8-10; 1887d, 700-701; 1887e, 698-700.
- Eggs: (BERL.) Hertwig, 1898a, 673-675, figs. 1-2.
 (BONN) Nussbaum, 1884a, 155-213, figs. 1-75; 1899a, 77-79.
 BRUXELLES Bolsius, 1897, ASS, v. 21, 92-96, fig. 1. Lameere, 1888a, 980-984, figs. 1-10; 1888b, 953.
 (DEUTSCHLAND) Girgolaff, 1911, AmA, v. 76, 770-796, figs. 1-30.

ASCARIS—Continued.

megalocephala—continued.

Eggs—continued.

- (LEIPZIG) Strassen, 1898b, 179 (Rieseneier und Riesenembryonen); 1903a, 1-37, figs. A-M, pls. 1-5 figs. 1-67; 1906a, 39-342, figs. N-YYYY; 1908c, 481-489; 1908d, 46; 1908e, 481-489.
- (PARIS) Fauré-Fremiet, 1913, CrSB, v. 74 (20), 1183-1184; 1912, BSzF, v. 36, 206-207; v. 37, 133-138, fig. 1; 189-190 (un appareil de Golgi).
- , centrosomes: (DEUTSCHLAND) Fürst, 1898a, 97-133, pls. 1-2; 1903a, 41.
- (JENA) Lebrun, 1892a, 627-628.
- , chromosomes: (NORWAY) Bonnevie, 1908, AZ, v. 1, 450-514, figs. 1-2.
- (OHIO) Schaffner, 1909, ON, v. 9, 506-508, figs. 1-9; 1909, JRMS (6), 723.
- (PLÆN) Zach., 1913, ZA, v. 41 (4), 174-175.
- (MISCELLANEOUS) Boring, 1909, AZ, v. 4, 120-131, pl. 1 figs. 1-21.—Montgomery, 1908, AZ, v. 2, 66-75, pls. 1-2.
- , cytology: (PLÆN) Zach., 1912, AA, v. 42 (15), 353-384, figs. 1-13.
- , development: (DEUTSCHLAND) Retzius, 1914, AA, v. 47 (17-18), 476-479; 1914, BU, v. 18, 19-29, pls. 6-9.
- (GR. BRIT.) Hastings, 1910, AMH, v. 19, 228-236; 1912, *ibid.*, v. 27, 154-156.—Lazarus-Barlow & Somerville, 1909, AMH, v. 15, 200-204; 1910, CaeB, v. 1 (11-12), 420.
- (ITALY) Zoja & Zoja, 1892, 13, 15.
- (PARIS) Fauré-Fremiet, 1912, BSzF, v. 37, 233-234 (graisse & glycogen).—Zavadovsky, 1916, CrSB, v. 79 (15), 798-803, 1 chart.
- (U. S. A.) Stevens, 1909, AEO, v. 27, 622-639, pls. 1-3 (effect of ultra-violet light).
- , fertilization: (BELGIUM) Ben., 1883b, 265-456, pls. 10-16, 457-640, pls. 17-19; 1884a, 1-422, pls. 1-14 (maturation); 1884, AB, v. 4, 95; 1888a, 104; 1888b, 707-709 (maturation, mitosis).—Ben. & Neyt, 1887a, 215-295, pls. 1-6; 1888a, 423-425.—Carnoy & Lebrun, 1897a, 61-195, pls. 1-2; 1897, VaG, v. 11, 65-68; 1897b, 1056-1057; 1897, BSSbM, v. 23, 146-148; 1897, ZC, v. 5, 79-84.
- (BONN) Meves, 1911, AmA, v. 76 (4), 683-713, pls. 27-29 (Plastochondrien).
- (BRESLAU) Schneid., 1885d, 127-139, figs. 1-2.
- (CHARKOW) Kultschitzky, 1888a, 17-21; 1888b, 567-593, pls. 29-30; 1888c, 736-737.
- (DEUTSCHLAND) Held, 1912, VaG, v. 26, 242-248; 1912, BVsGw, v. 64, 29-34; 1912, JRMS (6), 614.
- (HEIDELBERG) Erlanger, 1896b, 98-112; 1897c, 309-440, pls. 1-3 figs. 1-4.
- (ITALY) Sala, 1893a, 657-674, figs. 1-7; 1895a, 422-498, figs. 1-89; 1895b, 625-627; 1895c, 534; 1895d, 69-89.
- (MÜNCHEN) Boveri, 1887c, 71-80; 1888b, 1-198, pls. 1-5; 1888d, 685-882, figs. 1-94; 1889a, 220-223.
- (PARIS) Fauré-Fremiet, 1912, CrAS, v. 14, 34-36; 1912, BSzF, v. 37, 83-84; 1914, AF, v. 12, 156.
- (ROCHESTER, N. Y.) Murlin, 1899a, 337-339.
- (PLÆN) Zach., 1887a, 164-166; 1887b, 572; 1887f, 593; 1887, AA, v. 2 (26), 787-792; 1888f, 43-45; 1888i, 311-312; 1888k, 1-6.
- , germinative vesicle and polar globules: (LOUVAIN) Carnoy, 1886c, pls. 1-8.—Gehuchten, 1887a, 751-760, figs. 1-11.
- , idiochromosomes: (MISCELLANEOUS) Edwards, 1910, AZ, v. 5, 422-429, pls. 1-2.—Frolowa, 1912, AZ, v. 9 (1), 149-167, figs. 1-17b.
- , parachromosomes: (PLÆN) Zach., 1912, ZA, v. 40, 26-29, fig. 1.
- , Richtungskörper: (FREIBURG I. B.) Moszkowski, 1901a, 388-401, figs. 1-4; 1902a, 173.
- (MÜNCHEN) Boveri, 1888a, 1-93, pls. 1-4.
- (PETROGRAD) Tretjakoff, 1904a, 358-382, pl. 1; 1905a, 701; 1906b, 212; 1906c, 338-339; 1907a, 152-153.
- (PLÆN) Zach., 1888l, 401-403.

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megalocephala—continued.

- Eggs, segmentation: (BELGIUM) Ben. & Neyt, 1887a, 215-295, pls. 1-6; 1888a, 423-425.
- (BOXX) Hertwig, 1911, AmA, v. 77 (2), 301-312, pl. 1 (Radium).—Meves, 1914, AmA, v. 84 (2), 89-110, pl. 6-7 figs. 1-12 (Plastochondrien).
- (GR. BRIT.) Lazarus-Barlow, 1909, BMJ, v. 1, 1539-1544 (influence of radio-activity).
- (HEIDELBERG) Erlanger, 1896b, 98-112; 1897c, 309-440.
- (LOUVAIN) Carnoy, 1886a, 1-76, pls. 1-4; 1886b, 1-103, pls. 5-8; 1886c, pls. 1-8; 1887a, 92.
- (MÜNCHEN) Boveri, 1887, AA, v. 2 (22), 688-693; 1888b, 1-198, pls. 1-5; 1888d, 685-882, figs. 1-94; 1889a, 220-223; 1909, AZ, v. 3, 181-268, pls. 1-5 figs. 1-7, 521-523 (Blastomerenkerne); 1910, FH, v. 3, 131-214, pls. 1-6 figs. 1-24; 1910, AEO, v. 30 (2), 101-125, figs. 1-32; 1910, CaeB, v. 1 (17), 622-623.
- (PARIS) Fauré-Fremiet, 1912, CrAS, v. 155 (24), 1272-1274 (action of X-Ray); 1913, CrAS, v. 157 (2), 145-147 (action of ultra-violet rays); 1914, AF, v. 12, 156.
- (PETROGRAD) Dostoevsky, 1888a, 646-648.—Zavadovsky, 1916, CrSB, v. 79 (12), 595-598 (role of oxygen).
- , technique: (BELGIUM) Ben. & Neyt, 1888b, 508.
- (DEUTSCHLAND) Artom, 1908, ZWMT, v. 25, 3-7 (Fixierung).—Hogue, 1910, AEO, v. 29, 109-145, figs. 1-42; 1910, CaeB, v. 1 (2-3), 82; 1910, CfP, v. 24 (12), 547-548 (Centrifugalkraft).
- (LOUVAIN) van Gehuchten, 1888a, 237-249 (acetic alcohol as a fixative).
- (MÜNCHEN) Boveri, 1887d, 423-515, pls. 25-28; 1888e, 381-382; 1888f, 664.
- (PLOEN) Zach., 1888a, 24-27; 1888d, 148; 1888e, 663-664; 1888g, 277-279 (Abtötung und Färbung).
- Embryology: (LEIPZIG) Boring, 1909, AEO, v. 28 (1), 118-124, pls. 4-5 (effect of different temperatures on size of nuclei).—Strassen, 1896b, 27-105, 133-190.
- (MÜNCHEN) Romeis, 1913, AmA, v. 81 (2), 129-172, figs. A-B, pls. 8-9 figs. 1-14 (Plastosomen).
- (STUTTGART) Müell., 1903a, 1-30, pls. 1-5 figs. 1-24d; 1904a, 303-304.
- Epidemics: (FRANCE) Rail., 1895k, 212-216 (from peat moss); 1895m, 245-247.
- (PHILA.) Vet. Mag., 1895, v. 11 (7), 442 (from peat moss).
- Experience with: (OHIO) Seibert, 1904a, 372-373.
- Infections with: (CHICAGO) AJVM, 1912, v. 7 (1), 28-29.
- (DEUTSCHLAND) Bauer, 1910, MtW, v. 54 (15), 250 (5 pounds of ascarids in a horse).—Humann, 1907, WTV, v. 51 (7), 125-126; 1907, DtW, v. 15 (29), 551; 1907, TC, v. 30 (33), 543.—Trommsdorf, 1910, MtW, v. 54 (1), 6-7.
- (PARIS) Weinberg & Keilin, 1912, CrSB, v. 73, 260-262, fig. 1.
- , fatal: (DEUTSCHLAND) Graefe, 1896a, 29-30; 1896b, 932; 1897a, 126-127; 1897b, 371.—Holmann, 1895a, 25-27.—Janssen, 1895a, 424.—Roemer, 1896b, 21-22; 1896c, 792; 1896e, 417; 1896f, 681.
- (TAMA, IOWA) Maxfield, 1916, AJVM, v. 11 (9), 763.
- Migration: (GR. BRIT.) Christie, 1914, JRAMC, v. 23 (2), 201-205, pls. 1-2.
- Pathology: (DEUTSCHLAND) Pilwat, 1910, ZfV, 1910, VR, v. 23, 406-407.
- Perforation: (DEUTSCHLAND) Huber, 1896a, 585.
- Radiations and new growths: (GR. BRIT.) Lazarus-Barlow, 1914, NYMJ, v. 99 (18), 896.
- Spermatogenesis: (BELGIUM) Ben. & Julien, 1884a, 312-342.
- (DEUTSCHLAND) Mayer, 1908, ZJ, v. 25, 495-546, pls. 1-2 figs. 1-2.—Retzius, 1914, BU, v. 18, 30-36, pl. 10 figs. 1-23.
- (LILLE, FRANCE) Hallez, 1884a, 695-697.
- (MARBURG I. H.) Brauer, 1893a (b), 153-213, figs. 1-228; 1894a, 104-108.
- (PARIS) Fauré-Fremiet, 1912, CrSB, v. 73, 271-272.—Romieu, 1911, CrSB, v. 70 (11), 412-414; 1911, CrAS, v. 152 (4), 223-225; 1911, AZ, v. 6 (2), 254-325, figs. 1-94.

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Spermatogenesis—Continued.

(PETROGRAD) Tretjakoff, 1904a. 383-438. pls. 1-3 fig. 1; 1906a. 212.

(U. S. A.) Wildman, 1913, JM, v. 24 (3), 421-457, figs. 1-48.

Spermatozoa: (BRESLAU) Auerbach, 1895, 34-39.

(DEUTSCHLAND) Romeis, 1912, AmA, v. 80 (2), 129-170, pls. 1-2.

(MARBURG) Scheben, 1905a, 397-431, figs. 1-3, pls. 20-21 figs. 1-44; 1905b, 568; 1905c, 761; 1906b, 29; 1906e, 79-80.

(PARIS) Fauré-Fremiet, 1913, CrSB, v. 74 (24), 1407-1409.

Symptoms: (DEUTSCHLAND) Otto, 1912, ZV, v. 24 (2), 91 (tetanus).

(GR. BRIT.) Dickens, 1863a, 601-603; 1865, AMv, v. 14 (4), 209-210 (joint lameness in colts).—Gibson, 1907, VJ, v. 63, 150; 1907, AVR, v. 31 (2), 266; 1907, DtW, v. 15 (36), 504 (brain and heart).

Toxic substances: (FRANCE) Leroy, 1910, AiP, v. 9, 276-282; 1910, CfB, v. 24 (15), 645.—Weinberg & Julien, 1911, CrSB, v. 70 (9), 337-339.—Weinberg & Seguin, 1913, CrSB, v. 74 (15), 855-857.

Treatment: (FRANCE)—Cadéac, 1906, JMvZ, v. 57, 221-224.

(MISCELLANEOUS) Campbell & Lacroix, 1907, 69.

—arsenic: (DEUTSCHLAND) Streitberg, 1901a, 273-274; 1902a, 51.

(FRANCE) Cadéac, 1906, JMvZ, 133; 1906, AMv, v. 55 (9-10), 563-564.

—tartarus stibiatus: (DEUTSCHLAND) Grimme, 1911, DtW, v. 19 (16), 247-249; 1911, VJ, v. 67, 766-767.—Steffani, VdKS, v. 57; 1914, TC, v. 37 (19), 14-15.

megaloccephala hiralis Sabaschnikoff, 1897a, 82-112, pl. 1 (chromatin reduction in oogenesis).—Boring, 1909, AEO, v. 28, 118-124, pls. 1-2.—Fauré-Fremiet, 1912, BSzF, v. 37 (9), 285-288, figs. 1-4.—Griggs, 1906, ON, v. 6 (7), 519-527, figs. 1-12; 1906, JRMS (174), 553-554.—Hempel, 1912a, 104.—Kautzsch, 1913, AEO, v. 35 (4), 642-691, figs. A-LL, pls. 15-16 figs. 1-25.—Mayer, 1908, 501, 502, 505, 507, pl. 15 figs. 13-29.—Sædeleer, 1913, v. 28, 303-362, pls. 1-6.

megaloccephala trivalens Zach., 1912, BC, v. 32 (12), 718-721, figs. a-h, 1-6.

megaloccephala univalens Calkins, 1901b, 276.—Blanckertz, 1910, Az, v. 6 (1), 1-18, figs. 1-32; 1912, Diss.—Boring, 1909, AEO, v. 28, 118-124, pls. 1-2.—Hempel, 1912a, 104.—Kaltenbach, 1915, v. 13 (4), 525.—Mayer, 1908, v. 25, 500 (quotes Brauer as using univalens), 501, 502, 503, 504, 505, 507, 538, pl. 15 figs. 1-12.—Payne, 1913, AEO, v. 36 (3), 287-293, figs. 1-30.

megalophylon Rud., 1819a, 47, 285-286, 581 (in *Lacerta iguana*: Linc.).—Dies., 1851a, 150 (to *Ozolaemus*) (in *Hypsilophus tuberculatus*).—Duj., 1845a, (to O.).—Linst., 1906, 255.—Schneid., 1866a, 116, 120 (to *Oxyuris*) (in *Iguana tuberculata*).—S., F., & W., 1908a, 288.

megaloccephala Weinberg, 1907, 17-18 (misprint for *megaloccephala*) (in *Equus cab.*; Par.).

meleagrina Kollar in Oerley, 1882b, 310 (nomen nudum) (in pearl oyster).—Shipley & Hornell, 1904a, 98, 99 (in pearl oyster) (nomen nudum).

meleagrina Linst. in Shipley & Hornell, 1904a, 78, 99-100, pl. 3 figs. 42-43 (larva in *Margaritifera vulg.*; adult in *Balistes mitis*, *B. stellatus*; Ceylon).—Shipley & Hornell, 1905b, 55 (in *M. v.*); 1906a, 89, 90 (adult in *B. m.*, *B. s.*, *Platax teira*; larva in *M. v.*).—Seur., 1916, 353 (in *M. v.*).

melis (Schrank, 1788) Brug., 1791a, 92, pl. 31 figs. 1-4 (in intestinis *Ursi melis*).—Dies., 1851a, 300 (so. *Doch. crinif.*).—Mol., 1861a, 495 (71) (so. *D. c.*).—Par. & Grassi, 1877, 193 (so. *D. c.*).—Rud., 1809a, 234 (so. *Str. crinif.*).

mephitidis Gmel., 1790a, 3032 (in *Mephitidis intestinis*; Redi, 14).—Mol., 1858a, 164.—Rud., 1810a, 380.

mergi Dies., 1851a, 194 (in *Mergus merganser*; Ireland, Bellingh., 1844a, 171).—Stoss., 1896a, 73 (67) (in *M. m.*; I.).

mergorum Rud., 1819a, 56 (in *Mergus merganser*, *M. serrator*; C. E. V.).—Dies., 1851a, 158 (so. *spiculigera*).—Stoss., 1896a, 32 (26) (so. *s.*); 1898, 70.

microcephala Rud., 1809a, 167 (in *Ardea comata*; by Nitzsch); 1810a, 48, 288-289 (in *A. nycticorax*; Rimini) 664.—Baird, 1853a, 20.—(Latin, 1885a, 39.—(rep., 1846a, 135.—Dies., 1851a, 155-156 (s. *cinconia*; *Rosa ardearum* 1819) (in *A. c.*, *A. nycticorax*, *A. stellaris*, *A. purpurea*, *Ciconia nigra*, *C. alba*;

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M. C. V.); 1861a. 657; 1861c. 275.—Duj., 1845a. 172-173.—Leidy, 1886e, 311.—Linst., 1883a. 276-277, pl. 6 figs. 1-2; 1886c. 3. figs. 1-2; 1909 (15). 52-53 (in A. cinerea. *Anas boschas* Botaurus stellaris Nycticorax nycticorax).—Mol., 1858d. 145; 1859h. 21; 1861c. 260. 275 279-280 (in A. c., A. n., A. s., A. p., C. n., C. a.).—Olfers, 1816a. 64.—Par., 1887b. 341-342 (69-70) (in A. c., A. n., A. s., A. p., C. n., C. a.; Padua); 1887c. 493; 1894a. 215; 1902c. 13 (in A. p., Nycticorax griseus).—Risso, 1826. 260.—Sieb., 151.—Skrj., 1916. 484 (in A. c.; Lac Kul-Kainar).—Stiles & Hass., 1894e. 340 (in A. h., Botaurus mugitans. Herodias egretta. Hydranassa tricholor. Nyctiardea grisea).—Stoss., 1889. 182; 1890. 55; 1891. 110; 1892. 71; 1893. v. 14. 83; 1896a. 36-37 (30-31) (in A. p., A. s., A. herodias. A. c., A. c., Ardeola ralloides. C. nigra, C. a., N. europæus. N. g.); 1897. 1; 1898. 71; 1901a. 89 (1) (in A. c.; Albona).—Wedl., 1856. v. 19. 37, pl. 1 fig. 7.—Also reported for *Anas dom.* *Ardea minor*.

microceca Stoss., 1902d (e). 63 (3), figs. 26-28 (in *Lophius budegassa*; Genova).

microgabium Mol., 1860e. 336 (in *Falco coronatus*; Rio Araguay).—Dies., 1861a. 658 (in F. c.; Brazil).—Drasche, 1883b. 134, pl. 9 figs. 10-12.—Linst., 1904. 2.—Stoss., 1896a. 44 (38) (in F. c.; B.); 1902. 3.

micropapillata Stoss., 1890g. 129-130 (1-2), pl. 4 figs. 1-2 (in *Pelecanus* sp.; Semlino); 1893. v. 14. 84; 1896a. 39 (33) (in P. sp., P. crispus); 1902. 3.

microptera Rud., 1819a. 41. 275 (in *Canis lupus*; Berl.).—R. Bl., 1888a. 704 (so. mystax), 709.—Dewitz, 1892b. 147.—Dies., 1851a. 181 (in C. l.; Berl.).—Duj., 1845a. 160 (var. of *marginata*).—Fisch., 1840a. 154.—Linst., 1878a. 1 (so. mys.).—Schneid., 1866a. 38 (so. mys.).—Stoss., 1896a. 15 (9) (so. mys.), 1898. 67.—Ward, 1895a. 330 (? so. mys.) (in *Homo*).

militaris Lampa, 1907. v. 28 (4), 223.

milvi Gmel., 1790a. 3033 (in *milvi* intestinis; Gørze, 1782a. 85. 126).—Dies., 1851a. 156 (so. depressa).—Frœl., 1802a. 34-35, pl. 1 figs. 15-16.—Mol., 1861c. 280 (so. d.).—Rud., 1802a. 26 (so. spiralis); 1809a. 143 (so. d.), 190; 1810a. 379.—Also reported for *Falco milvus*.

minor astrophidis-tigris Dies., 1851a. 195 (for *vermicularis* Lamarepicquot (in *Astrophis tigris*; by Lamarep.).

minuta Mol., 1858 (1859e). 297 (in *Platessa passer*; Padua); 1861c. 283 (in P. p.; P.).—Carus, 1884. v. 1. 168.—Dies., 1861a. 659 (in P. p.; P.); 1861c. 276.—Par., 1894a. 218.—Stoss., 1896a. 89 (83) (in P. p.; P.).

miniatur Gørze, 1782a. 39. 89 includes *vermicularis* renamed; also several other forms).

minutissima Gørze, 1782a. 40 in earth worm and *Lumbricus aquaticus*; Europe, 110-112, pl. 4 fig. 10.—Blumenb., 1825a. 241.—Schränk, 1788a. 13.

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mistax Sons., 1889c. 235 (in *Canis aureus*, *C. vulpes*) (for *mystax*).—Mori, 1911, v. 17. 417 (in dog).

molini Stoss., 1896a. 75 (69) *spiralis* Mol. renamed (in *Picus comatus*; Brazil).

molva Linst., 1905t. 355 (in *Molva byrkelangi*; Norway).

mora Faurn., 1886a. 763-765 (in *Mora mediterranea*; East of Morocco).—Stoss., 1896a. 62 (56) (in M. m.; M.).

moschatæ Stoss., 1897a. 4, figs. 4-5 (in *Eledone moschata*; Nap.).—Seurat, 1916, 353 (in E. m.).

micronota Schränk, 1790a. 121-122 in *Silurus glanis*; Schränk, 1803. 201-202.—Baird, 1853a. 23.—Clap., 1859a. pl. 1 fig. 9, pl. 6 figs. 1-5, pl. 8 fig. 13 (in loto).—Dies., 1851a. 176 (s. capillaris) (in *Lota communis*; Berl.); 1861a. 664.—Duj., 1845a. 189-190 (s. cap.) (in *Gadus lotta*, *G. minutus*; Berl., M. C. V.).—Hofer, 1901a. 229, 271 (in *Esox lucius*, *L. vulg.*, *Scardinus erythrophth.*).—Jääskeläinen, 1911. 34, 218.—Krøyer, 1843-45a. 181 (in L. V.).—Linst., 1883a. 278; 1886c. 4; 1909 (15), 52 (in E. l., L. v., S. e.).—[?Olfers, 1816a. 65.]—Perez, 1866a. 278 (?Schr. or ?Frœl.).—Rud., 1809a. 186-187 (in *G. lotta*; C. E. V.); 1819a. 52.—Schneid., 1866a. 46-47 (in E. l., G. l.; B.), 193, 215, 295, pl. 2 fig. 10, pl. 21 fig. 11.—Shipley, 1896a. 1901b), 141 (in cod and pike).—Stœdter, 1901a. 16.—Stoss., 1896a. 49 (43) (in E. l., L. v., S. e.).—Zsch., 1884. 67, 68, 69; 1903. 132, 133.

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- mucronata* Fraul., 1791a, 97-99 (in Anas; by Delius).—Dies., 1851a, 310-311 (so. Str. nodularis).—Duj., 1745a, 130 (so. S. n.).—Fiebiger, 1912a, 275.—Rail., 1893a, 447 (so. S. n.).—Rud., 1809a, 230 (so. S. n.); 1820, 13-14.—Zed., 1800a, 81 (so. Str. anseris); 1803a, 92 (so. S. a.).
- mulli* Rud., 1819a, 59, 302 (in Mullus rubescens; Rimini).—Carus, 1884, v. 1, 171.—Dies., 1851a, 202 (in M. r.; R.).—Duj., 1845a, 181.—Stoss., 1896a, 89 (83) (in M. r.; R.).
- multilobata* Drasche, 1882 (1883a, 129-140, pl. 12 figs. 4-6 (in Dicholophus maragrafi; Brazil); 1882, [139-140] 1-2, pl. 12 figs. 4-6.—Stoss., 1896a, 28-29 (22-23) (in D. m.).
- multiapicillata* Drasche, 1882 (1883a, 140, pl. 12 figs. 7-8 (in Tantalus loculator; Brazil).—Stoss., 1896a, 44 (38) (in T. l.).
- muræna* Dies., 1851a, 203 (so. albulæ) (for marænæ).
- muris* Gmel., 1790a, 3032 (for Lumbricus muris-domestice-minoris Werner, 1782).—Bennet & Olivier, 1826a, 12 (in Mus musculus).—Hall, 1916a, 204 (to Protospirura).—Mol., 1860b, 934 (so. Spiropt. obtusa).—Rud., 1809a, 170 (so. obtusa).
- mustelorum* Rud., 1819a, 53 (martis Rud., 1809 renamed in Mustela martes, M. foina; C. E. V.).—Dies., 1851a, 189 (in M. f., M. m.; M. C. V.).—Duj., 1845a, 159.—Stoss., 1896a, 14 (8) (so. mystax); 1898, 67.
- myolæ* Lutz, 1886c, 62 (in Canis iam., Felis dom.; Brazil [misprint for mystax?]).
- mystax* (Zed., 1800) Rud., 1802a, 13; 1803a, 140-141, 236, 237 (in Catus; 1819a, 42, 276 (in Felis catus dom., F. c. fera, F. lynx; Mus. Wien).—Aitken, 1866, 804, 843, 846, 847; 1872, 146, 151, 152, 176; 1874, 57.—Albrecht, 1903, v. 47, 377-380; 1904, v. 23, 113-114; 1904, July 1, 28-29.—Anacker, 1888b, 314; 1892m, 584.—Anders, 1903a, 1249 (so. alata).—AN, 1840, 186.—Bail., 1866b, 13, 14, 23, 32, 35-36.—Baird, 1853a, 18.—Barile, 1911, v. 60 (1), 5-7.—Bellingh., 1844a, 169 (Ireland).—Ben., 1858a, 1861a, 283.—Blainv., 1828a, 541.—R. Bl., 1888a, 666, 667, 704 (s. lumbricoides pars, canis, cati, caniculæ); 1889a, 704; 1890a, 16 (cf. ?Hamularia lymphatica); 1890, 62, fig. 40.—Bommel, 1894b, 191, 193, 198-199, 202, 203-204, 205, 206, [pl. 11 figs. 6-10, 12-14].—Bos, 1894a, 219.—Braun, 1882a, 195; 1882c, 123; 1883a, 148, 164-165, figs. 39, 44, 46; 1891e, 110; 1893f, 390; 1895b, 243, figs. 107, 118, 119; 1900a, 1622; 1903a, 302; 1906a, 270, fig. 187; 1908a, 279, 341; 1915a, 290, 363, 365, fig. 264.—Braun & Luehe, 1909a, 89, 90; 1910a, 94.—Brems., 1824a, 128; 1824c, pl. 4 fig. 23.—Brumpt, 1910a, 348; 1913a, 413.—Büetsch., 1873a, 55; 1876, 442.—Bunge, 1883, 84, 50.—Campb. & Lacr., 1907, 70.—Carnoy, 1886b, 50.—Cobbold, 1858b, 165 (in F. c. d.); 1866, 5; 1866b, 9 (in F. concolor); 1873c, 83, 124; 1874d, 8; 1879a, 61, 62-63; 1879b, 237, 238, 239, 244, 302, fig. 49.—Cast. & Chalm., 1910a, 443.—Cohn, 1899a, 6.—Crep., 1839a, 282.—DaCosta, 1884, 932.—Daniels, 1910a, 71; 1914a, 169.—Daniels & Stanton, 1907a, 344, 345.—Dav. 1877a, xcvi, 234, fig. 53.—DeLafield & Prudden, 1897a, 136.—Dewitz, 1892b, 9, 72, 128, 143, 146, 147, 152-154, figs. 86, 93, 118.—Dies., 1851a, 180 (in F. c. d., F. c. f., F. l., F. maniculata); 1861a, 665 (in F. c.; Pa.).—D'Udekem, 1859, 7.—Duj., 1845a, 162-163.—Dungl., 1893a, 107, 463, 820.—Dramard, 1905, v. 13 (5), 222-224, figs. 1-2 (var. leptoptera in lion).—Fiebiger, 1912a, 296.—Francis, 1894a, 451.—Galeb, 1878b, 343, 350, 354.—Glaue, 1909 (4), 463 (so. felis) (review of 1909, v. 33, 785-790); 1910, ZA, 744, 745, 754 (type of Belascaris).—Gough, 1908, 3.—Grassi, 1879i, 276-278.—Gurlt, 1831a, 366-367, pl. 8 figs. 16-20.—Guiart, 1910a, 369.—Heller, 1872b, 73.—Hempel., 1915, 96.—Hering, 1873a, 305-337.—Hut. & Mar., 1906a, 395; 1910b, 494; 1913b, 494, 497.—Iijima, 1889b, 300.—von Ihering, 1902a, 47, 48.—Jagers., 1844b, 454; 1898a, 787; 1909, 8.—Jaksch, 1889a, 189, fig. 64.—Jammes & Martin, 1908, 208, 209.—Joseph, 1884a, 264-266.—J. Comp. M. & S. N. Y., 1883, v. 4, 171 (in cat.).—Keferstein, 1861a, 135-137 (parasitische Pilze aus, pl. 15A figs. 1-7; 1862a, 135-137.—Kholodk., 1899a, 177.—Knoch, 1862e, 126.—Kowal., 1904, 7 [22] (in F. c.).—Krabbe, 1865e, 18, 20-21, 38, 40, 48.—Kreffit, 1871a, 212 (in cat.).—Kuech. & Züern, 1881a, 412.—Kuschakewitsch, 1907, 212.—Lam., 1816, 208; 1840a, 655.—Leidy, 1856b, 50; 1875a, 14; 1875b, 17.—Leiper, 1907, 1296, 1297.—Leuck., 1863a, 54, 57; 1866h, 210; 1867b, 10, 24, 32, 50, 56, 80, 84, 124, 125, 150, 155, 195, 200, 203, 212, 219, 223, 227, 233, figs. 20, 27, 38, 45, 47-49, 57, 58, 75, 89, 92, 158; 1868a, 258-285, 291, 292, 299, 307, 360, 383, figs. 159, 160, 162-174; 1876a, 618, 876, 877; 1879a, 70, 74; 1886d, 54, 56,

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- 667.—Linst., 1866c, 2: 1883a, 276; 1899b, 5: 1901b, 410; 1903u, 265; 1904, 4: 1908, Apr., 109 (in *Felis pardus*: India).—Linst., 1905a, 21–22 (in lion).—Loeb & Smith, 1904, 4.—Looss, 1905a, 18: 1911a, 258.—Lukjanow, 1888a, 293–302 (intest. epithelium): 1888b, 471; 1888c, 583.—Lutz & Splendore, 1908, v. 46, 314 (in cats, as host of *Nosema mystacis*).—Mayer, 1908, 500.—Marcus, 1905a, 39–44, figs. 1–3; 1906, 421–426, figs. 1–3 (chromosomes).—Martin, 1913, 74.—Martini, 1906a, 707.—Mégny, 1888a, 655–659, figs. 1–3.—Mol., 1861c, 279.—Moniez, 1896a, 400, 406–409, fig. 74.—Mori, 1908, 668 (*mystax*): 1911, v. 17, 417–418.—Möbius, 1874, 257 (in *Canis lagopus*).—Morton, 1865a, 278.—Mosler & Peiper, 1894a, 207–208, figs. 76–78.—Müch., 1898b, 22, 45.—Müell., 1890c, 64 (in cat: Munich).—Neum., 1896f, 177, 183.—Neum. & Mayer, 1914a, 451.—Nordm., 1840a, 655 (s. *felis*).—Nev.-Lem. 1902a, 99; 1908a, 430.—Oken, 1815a, 201.—Oliere, 1816a, 63.—Oppenheim, 1900, 185, 187.—Packard, 1896a, 502.—Par., 1887b, 337–339 (65–67) (in *Canis fam.*, *C. vulpes*, *F. dom.*, *F. leo*, *F. lynx*, *F. concolor*, *Homo*): 1887c, 492 (12) (in *Vulpes vulg.*): 1894a, 214; 1900c, 194 (in *F. d.*).—Perez, 1866a, 220, 273, 278, 280.—Perronc., 1882a, 302.—Petit & Motas, 1902a, 240–241 (in hepatic ducts): 1902b, 146; 1902c, 101; 1902d, 305; 1903a, 111.—Porta, 1911, 376 (in *F. catus*).—Pratt, 1916a, 225.—Rail., 1889, 124; 1890, 143; 1890, 321; 1892, 30; 1893a, 402 (s. *tricuspidata*, *wernerii*, *alata*, etc.).—Risso, 1826, 260.—Ritchie, 1915, 41.—Roberts, 1888, 673.—Rud., 1802a, 13 (s. *felis* Gmel. 303b): 1809a, 140–141; 1819a, 42, 276 (in *F. c. d.*, *F. c. f.*, *F. lynx*).—Royal, 1909, 326; 1909, 501.—Schneid., 1896, 322.—Schneid., 1866a, 6, 31, 33, 34, 38–39 (s. *triquetra*, *marginata*, *leptoptera*, ? *microptera*) 40, 212, 220, 226, 247, 255, 257, 258, 260, 269, 272, 274, 275, 280, 281, 283, 284, 285, 286, 287, 288, 290, 293, 301, 310, pl. 1 fig. 4, pl. 2 figs. 4–5, pl. 24 figs. 1, 9, 14 (in *C. fam.*, *F. concolor*, *F. dom.*, *F. leo*, *F. lynx*, *C. vulpes*).—Schade, 1906a, 443; 1906b, 822; 1907a, 69.—Shipley, 1896a (1901b), 125, 130, 140; 1905, 96 (in dog).—Simon, 1896, 183, 193, fig. 54; 1897, 209, 225, fig. 55; 1907a, 305, fig. 97; 1911a, 233, fig. 82.—Schröder, 1914, v. 18 (10), 419–451, figs. 1–6; 1914, v. 65 (37), 870.—Sl. & Sw., 1912a, 317, 371.—Smith & Goethe, 1904, v. 43, 543.—Sons., 1889, 281, 282 (in *C. fam.*, *F. catus*, *F. dom.*): 1889c, 231.—Stewart, 1916, 488.—Stiles, 1891f, 163; 1891g, 164; 1907 (37), 41 (to *Toxocara*).—Stoss., 1890, 190; 1890, v. 12, 55; 1890, 129; 1893, 83; 1896a, 13–16 (7–10) (in *C. fam.*, *C. vulpes*, *C. lupus*, *C. lagopus*, *C. aureus*, *C. azare*, *Champsia nigra*, *F. dom.*, *F. catus*, *F. leo*, *F. pardus*, *F. lynx*, *F. concolor*, *F. maniculata*, *Homo*, *Herpestes albicauda*, *Mustela martes*, *M. foinea*, *Nasua socialis*, *N. narica*, *N. ruia*, *Viverra genetiva*): 1896, 121 (in *Ch. n.*): 1897, 1; 1898, 67.—Stubbendorff, 1893, 10, 27.—Sustmann, 1915, MtW, 569–571 (epilept., dog).—Tabusso, 1905c, 36–39; 1905d, 551 (verminous entero-peritonitis in dog): 1906a, 370.—Vallillo, 1909h, ZfB, 461–462 (var. *leonis*) (in lion): 1909i, 856; 1910, Feb., 36.—Vaull., 1901, 135.—Verrill, 1870, 171, 175, 237.—Vogt, 1878, 11, 13, 54, figs. 49, 50, 51.—Wagner, 1883, 123.—Walter, 1866, v. 7, 18; 1866, 68–69.—Walton, 1916, 39, 41.—Ward, 1895a, 301, 342 (in *C. f.*): 1903l, 223 (so. *canis*).—Weichselbaum, 1898, 323.—Weidman, 1912, 39 (in *F. rufus*).—Wedl, 1856, v. 19, 35.—Züern, 1882, 238, pl. 4 figs. 14, 50.—Also reported for *Felis serval*, *Lynx canadensis*.
- , Occurrence in man.—See also: Beisele, 1911, MmW, v. 58, 2391–2392, 1 fig.—Cobbold, 1863a, 31–34, figs. 1–10; 1863b, 115–118, figs. 1–10; 1863c, 121–126.—Eichorst, 1901a, 303.—Engel, 1913, GmP, 189–190.—Fagge & Pye-Smith, 1902a, 464.—Huber, 1896a, 588.—Kelley, 1884a, 483–486 (in U. S.).—Leon, 1912, CyB, 386.—Mans., 1901, 545–546.—Ragazzi, 1903a, 509–520; 1906a, CyB, 613.—Schäppler, 1908a, 129–131; 1908b, 266; 1908c, 367; 1908d, 501; 1911, CyB, v. 58 (6), 567–568.—Stiles, 1914, MM, v. 2, 288.—Ward, 1895, 330.—[See also under *mystax*.]
- , Egg, spermatozoa, embryology, development of parasite: Bischoff, 1855a, 377–405.—R. Bl., 1888a, 666, 667, 704–710, 711, 716, figs. 349, 350.—Leidy, 1856b, 50.—Marcus, 1905a, 39–44, figs. 1–3; 421–426, 3 figs.—Mégny, 1888a, 655–659, fig. 1–3.—Nelson, 1851a, 86–87; 1851b, 157–158; 1852a, 563–591, pl. 25–30 fig. 1–92; 1852b, 31 pp., 6 pls.; 1852c, 197–198; 1852d, 205–207; 1852e, 39–40; 1856a, 131.—Thoms., 1856a, 138–139; 1856b, 425–438.
- mystax canis* (Werner, 1782) Rail., 1893a, 403 (s. *marginata*) (in dog).—Gough, 1908, 3 (in *Canis fam.*; S. Africa).—Nev.-Lem., 1904a, 101.
- mystax felis* (Gmel., 1790a) Rail., 1893a, 403 (s. *mystax* Rud.) (in cats).—Gough, 1908, 3 (in black-footed cat; S. Africa).—Nev.-Lem., 1904a, 101.

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- mystax leonis* Vallillo, 1909h, 461-462 (in *Felis leo*; Italy); 1909i, 856; 1910, 36.
- mystax leptoptera* (Rud., 1809) Dramard, Benoit, & Bazil, 1905, 222-224, fig. 1 (in *Felis leo*).
- myxines* Linst., 1898d, 760, fig. 5 (in *Myxine glutinosa*; Kværnefjord); 1898c, 285.
- nasula* Schneid., 1866a, 45-46, 193, 1 fig. pl. 1 fig. 14 (in *Pelecanus onocrotalus*; Ostsee).—S., F., & W., 1908a, 287.—Stoss., 1896a, 39 (33) (in P. o.).
- neglecta* Leidy, 1856b, 52 (in *Diodon maculostriatus*; by Baird).—Dies., 1861a, 659 (in D. m.; Penn.).—Lint., 1901b, 410, figs. 33-36; 1905d (1906a), 328, 330, 403 (in *Chilomyxus schœpfi*; N. C.).—Mont., 1889d, 70 (in Dorado).—Stiles & Hass., 1894e, 341.—Stoss., 1896a, 89-90 (83-84) (in D. m.; N. A.).
- neitsib* Herbst, 1787a, 27 for neitsil (s. phocæ) (in Robben).—Duj., 1845a, 274 (so. *Ophiost. dispar*).—Lûeche, 1905b, 332.—Rud., 1809a, 119 (so. O. d.).
- neitsil* Müell., 1776a, 214 (in *Phoca foetida*; Greenland).—Lûeche 1905b, 272, 332.
- nelsonis* Chatin, 1885a, 41 (hng.)
- nigrovenosa* Gœze in Zed., 1800a, 50 (includes *bufonis* Schrank [= *pulmonalis* Gmel.], *subulata* Schrank [cf. *trachealis* Gmel.], *dyspnoos* and *insons* Gmel.) (to Fus.; by Zed.) (in lungs of *Froesche* & *Wasserkroeten*; Germany).—Bagge, 1841a, 1-16, fig. 20.—Baird, 1853, 21.—Bellingh., 1844a, 170.—Ben., 1866a, 207, 211.—Brandt, 1877a, 365-384, 14 figs.—Braun, 1883a, 152, 159, 186, 187, figs. 41, 43.—Cobbold, 1858b, 162 (in *Rana temp.*).—Dav., 1877a, lxxxix, xc.—*Deutsche Zeits. f. Thiermed.*, 1889, v. 15, 317.—Dewitz, 1892b, 142, 143.—Dies., 1851a, 187 (s. filii. *buionum* Gœze, *subulata* b. Gœze, *acricula*) (in *Anguis fragilis*, *Bombinator igneus*, *Bufo viridis*, *Pelobates fuscus*, *Pelophylax escul.*, *Phryne vulg.*, R. t.; Europe); 1861a, 666 (in B. cinereus, P. e.; Padua); 1861c, 278.—Duj., 1845a, 178.—Eichw., 1829a, 251.—Fisch., 1840a, 155.—Galeb, 1878b, 361, 362.—Galli-Val., 1901c, 363 (in R. t.). 365 (in R. escul.).—Gluge, 1842b, 1050; 1842c, 103; 1842d, 207-208.—Grassi, 1883c, 261.—Hannover, 1843a, 669-672; 1845a, 443-445.—Knoch, 1862e, 101.—Koell., 1843a, 85, 101-136, figs. 21-23.—Leichtenstern, 1886c, 175.—Leidy, 1851b (1904a), 206 (48).—Leuck., 1865b, 641-658; 1866g, 100-104; 1867b, 59, 61, 65, 76, 87, 89, 107, 139, 140, 141, 146, 148, 154, figs. 42, 43, 46, 68, 106-111; 1868a, 405, 412; 1876a, 691; 1879a, 4, 80, 118, 127, figs. 61, 62; 1886d, 2, 61.—Looss, 1892a, 37.—Mayer, 1841a, 15, 16.—Mayzel, 1879a, 31-33.—Metchn., 1865a, 409-420, pl. 10 figs. 1-11A; 1865b, 302-303; 1866d, 25-32.—McDowall, 1906a, 309-312, 1 pl.; 1908, v. 14, 613.—Mol., 1858 (1859e), 297 (in *Pelophilax esculentus*; Padua); 1859, 24; 1861c, 289 (in P. e.; P.).—Nedkoff, 1897a, 34 pp., 1 pl. 10 figs.; 1898a, 506-507.—Oken, 1815a, 201.—Olfers, 1816a, 63.—Olss., 1869b, 482; 1876a, 147.—Pag., 1857a, 40, 43.—Rollest., 1870, 136; 1888a, 684 (to *Angiost.*).—Rud., 1802a, 17-18, 41; 1809a, 147-149, 247 (in *Anguis fragilis*, *R. bombina*, *R. bufo*, *R. t.*, *R. e.*); 1819a, 43, 279 (in A. i., B. cin., B. fuscus, B. igneus, B. viridis, R. e., R. t.; C. E. V.).—Schneid., 1866a, 151, 316, 317, 321.—Shipley, 1896a (1901b), 155.—Stoss., 1893, 4; 1898, 99.—Walter, 1866, 69.—Wedl., 1855, 406-407; 1856, 40.—Also reported for B. vulg., *Bombinator igneus*.
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- nisi* Frœl., 1802a, 35-36 (in *Falco nisus*; lng.).—Dies., 1851a, 156 (so. *depressa*).—Mol., 1861c, 280 (so. d.).
- noduloso striata* Linst., 1878a, 107 (for unduloso-striata).—Stoss., 1896a (b), 73 (67) (in *Sarcophamphus papa*).
- novacula* Rud., 1819a, 58, 302 (in *Labrus novacula*; Nap.).—Carus, 1884, v. 1, 171.—Dies., 1851a, 201 (in *Nyctichthys cultratus*; N.).—Duj., 1845a, 185.—Par., 1894a, 217.—Stoss., 1896a, 90 (84) (in N. c.; N.).—Also reported for *Coryphæna novacula*.
- nuda* Leidy, 1856b, 51 (in *Crotalus adamanteus*; by Schachhirt).—Dies., 1861a, 659 (in C. a.; Penn.).—Stiles & Hass., 1894e, 341 (in C. a., C. horridus).—Stoss., 1896a, 79 (73) (in C. a.; N. A.).

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nuptax Latter, 1904a, 319, 323 (misprint for *mystax*) (in dogs, cats).

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obtus Froel., 1791a, 88-93, pl. 3 figs. 16-17 (s. *Lumbricus muris-domestici-minoris*) (in *Mus musculus*; Europe).—Hall, 1916a, 204 (so. *Protospirura muris*).—Mol., 1860b, 934 (to *Spiropt.*).—Oken, 1815a, 199.—Olfers, 1816a, 64.—Rud., 1809a, 156, 170-172 (s. *muris* Gmel.) (in *Mus m.*); 1819a, 27.

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obtusocaudata (Zed.), 1800, Rud., 1809a, 177-179, 202 (in *Salmo trutta*); 1819, 50, 291-292.—Bellingh., 1844a, 172 (Ireland).—Dies., 1851a, 178 (s. *farionis*, *truttæ*, *lavareti*) (in *Coregonus wartmanni*, *C. oxyrrhynchus*, *S. t.*, *S. fario*).—Duj., 1845a, 209-210.—Hofer, 1904a, 229 (in *C. w.*, *Trutta trutta*, *T. fario*).—Krøyer., 1838-40a, 615; 1843-45a, 644 (*obtusicaudata*); 1852-53a, 1215 (in *C. o.*, *S. t.*, *S. fario*).—Linst., 1906, 751, fig. 6 (in *T. fario*); 1909a, 51-52 (in *C. w.*, *C. o.*, *T. f.*, *T. lacustris*, *T. t.*).—Oken, 1815a, 200.—Olfers, 1816a, 64.—Stoss., 1896a, 90 (84) (in *C. o.*, *C. w.*, *T. t.*, *T. f.*).—Tosh, 1905, 116.—Valentin, 1891a, 436.—Zsch., 1896, 817, 820.—Also reported for *Salmo oxyrrhynchus*.

obvelata Rud., 1802a, 18-20 (s. *vermicularis muris* in *Mus musculus*; by Rud.); 1809a, 155-156 (in *Mus m.*); 1819a, 19, 44, 280-281 (Greifsw.) (in *Arctomys citellus*, *M. arvalis*, *M. amphibius*; *C. E. V.*).—Bellingh., 1844a, 170.—Dies., 1851a, 146 (so. *oxyura*), 174 (so. *tetrapt.*).—Duj., 1845a, 159 (in *Mustela vulg.*), 165.—Galeb, 1878b, 286, 288.—Oken, 1815a, 202.—Olfers, 1816a, 64.—Schneid., 1866a, 30, 116.

oculata Linst., 1899b, 6, pl. 1 fig. 7 (in *Python reticulatus*; Berl. Mus.); 1903k, 109.

oculi ranæ Nordm., 1832a, 17-18 (in *Rana escul.*; by Nordm.).—Dies., 1851a, 195 (in *Pelophylax escul.*).—Gescheidt, 1833a, 423-424, 445.—Leuck., 1876a, 628.—Rayer, 1843d, 149.—Stoss., 1896a (b), 81 (75) (in *R. e.*).

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opisthota Leidy, 1891a, 411-412 (in *Cychura baculophra*; New Providence Isl.; to *Atractis* (Asc.).

ophidiobarbati Rud., 1819a, 57, 299 (in *Ophidium barbatum*; Nap.).—Carus, 1884, v. 1, 171.—Dies., 1851a, 197-198 (in *O. b.*; *N.*).—Duj., 1845a, 205.—Par., 1894a, 218.—Stoss., 1896a, 56 (50) (so. *capsularia*).

ophidiimbarbis Rud., 1819a, 57, 299, 769 (in *Ophidium imberbe*; Nap.).—Carus, 1884, v. 1, 171.—Dies., 1851a, 198 (in *Fieraster imberbe*; *N.*).—Duj., 1845a, 205.—Par., 1894a, 218.—Stoss., 1896a, 57 (51) (so. *capsularia*).—Also reported for *Fieraster acus*.

orthogasteri Rud., 1819a, 56, 280 (in *Orthogasteriscus molai*; Nap.).—Carus, 1884, v. 1, 170.—Dies., 1851a, 197 (in *O. m.*).—Duj., 1845a, 192.—Krøyer., 1852-53a, 745, 1231 (in *O. m.*).—Par., 1894a, 220.—Stoss., 1896a, 90 (84) (in *O. m.*; *N.*).

osculata Rud., 1802a, 14-15 (in *Phoca vitulina*; by Rud.); 1809a, 50, 155-156 (in *P. v.*); 1819a, 39, 651-652 (in *P. v.*; Greifsw.).—Ariola, 1914, v. 25, 68-70 (in *Foca ch. antina*, *Halichoerus eropus*, *Macrorhinus leoninus*, *Monachus albiventer*, *Ogmorhinus leptonyx*, *Phoca barbata*, *P. cristata*, *P. foetida*, *P. groenlandica*, *P. hispida*, *P. v.*, *Trichechus rosmarus*).—Baird, 1853a, 18.—Baylis, 1916, P. 368.—Bellingh., 1844a, 169.—Braun, 1891e, 110.—Cobbold, 1866b, 9-10 (in *Caloc. barbatus*, *P. v.*); 1879b, 243, 313, fig. 59.—Crep., 1841a, 79; 1844a, 126, 128, 129.—Dies., 1851a, 169 (*P. b.*, *P. groen.*, *P. gryphus*, *P. h.*, *P. monachus*, *P. pantherina*, *P. v.*; Greenland, Iceland).—Duj., 1845a, 164.—Jägers, 1893a, 10-16, pl. 2 fig. 12, pl. 4 fig. 35, pl. 5 fig. 39; 1894a, 450, 457, figs. 12, 35, 36, 38; 1897b, 20; 1898a, 738, 739, 740, 741, 787, 788, 789, 791.—Kœll., 1843a, 110, 117.—Krabbe, 1878a, 45, pl. 1 fig. 1.—Leidy, 1891a, 410 (in *Macrorhinus angustirostris*).—Leiper & Atkinson, 1914, 222-226 (to *Kathleena*).—Leuck., 1867b, 124.—Linst., 1880a, 44-45; 1893, 19; 1895a, 528; 1901e, 272; 1903u, 266; 1905bb, 182-183, pl. 13 fig. 1-3 (in *P. b.*); 1905dd, 1; 1907, 169-170, fig. 7 (in *Leptonychotes weddellii*; Antarctic expedition); 1909, 49, fig. 7 (in *Cystophora cristata*, *Halichoerus grypus*, *L. w.*, *Monachus albiventer*, *P. groen.*, *P. b.*, *P. vitulina*, *P. pantherina*, *P. annulata*).—Marenz., 1882-83.—Müeh., 1898b, 45.—Nassonov, 1899a, in 61-86.—Nehring, 1884a, 59.—Olfers, 1816a, 62.—Rail., 1899, 128.—Rail. & Henry,

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1907, 2, 3-4, 7, 9, 13, 14 (in L. w., *Lobodon carcinophaga*).—Schneid., 1866a, 44, 193, 210, 219, 220, 247, 295, 1 fig., pl. 1 fig. 13, pl. 21 fig. 2 (in P. grøn.).—Sieb., 1854, 33.—Shipley, 1905, 96-97 (in P. b., P. grøn.).—Stiles & Hass., 1894c, 340 (in *Macrorhinus angustirostris*); 1899a, 100, 105, 106, 108, 109, 110, 112, 113, 120, 144, 147, 151-159, 160 (in *Cystophora cristata*, *Eumetopias stelleri*, *Erignathus barbatus*, *Halichoerus grypus*, *Monachus albiventer*, *Odobenus rosmarus*, *Otaria jubata*, P. grøn., P. foetida, P. panth., P. vit., *Stenor. leptonyx*).—Stoss., 1896a, 37-38 (31-31) (in *Cystophora cristata*, P. annellata, P. v., P. grøn., P. h., P. b., *Pelagius monachus*, *S. leptonyx*, *Tricheus rosmarus*).—Zsch., 1903, 30.

osmuri Linst., 1878b, 240, pl. 9 fig. 29 (larva in *Osmerus eperlanus*; Ing.). 1887d, 107 (in O. e.); 1899b, 10; 1909a, 54 (in O. e.).—Hofer, 1904a, 271 (in O. e.).—Stoss., 1896a, 62 (56) (in O. e.).

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ovis Rud., 1819a, 54 (in *Ovis dom.*; C. E. V.).—Armatage, 1895, 462, 464, 476.—Bail. 1866b, 34.—Braun, 1915a, 366.—Campb. & Lacr., 1907, 69.—Curtice, 1890c, 151.—Dav., 1877a, xcvi, 235.—Dies., 1851a, 190 (in *Capra aries dom.*; M. C. V.).—Drasche, 1883a, 141, pl. 12 fig. 11.—Duj., 1845a, 166.—Fiebigcr, 1912a, 297.—Geddes, 1911a, 131.—Huber, 1896a, 583.—Hut. & Mar., 1906a, 395; 1910b, 494; 1913b, 494.—Neum., 1884a, 119; 1884b, c, 382-386, pl. 2 figs. 1-6.—Nev.-Lem., 1912a, 669.—Rail., 1893a, 400-401, fig. 263.—Rans., 1911a, 13, 25, 122.—Schneidem., 1896a, 323 (*Askaris*).—Sl. & Sw., 1912a, 371, 401.—Stoss., 1896a, 22 (16) (in *O. aries*; Wien).—Verrill, 1870, 176.—Ward, 1895a, 336 (in O. a.).

oxyura Nitzsch, 1821a, 48, pl. 2 figs. 1-6 (in *Mus musculus*; Ing.).—Cobbold, 1879b, 316.—Dies., 1851a, 145-146 (s. *vermicularis muris*, *obvelata*) (in *Arctomys citillus*, *Helochilus brasiliensis*, *Hesperomys leucogaster*, *Lemmus amphibius*, *L. arvalis*, *L. rutilus*, M. m., M. minutus, M. sylvaticus, M. rattus, *Oxymycterus nasutus*; Europe, Brazil, M. C. V.).—Eberth, 1863a, 63, 66, 67, 69, 70, pl. 8 figs. 7, 9.—Giebel, 1857a, 268.—Schmalz, 1831a, 54, pl. 17 figs. 8-9.

oxyuris Bond, 1874a, 818-819 (treatment) (for *Oxyuris vermicularis*.—Dunel., 1893a, 463.

pacheia Drasche, 1882 (1883a), 140-141 (2-3), pl. 12 fig. 9 (in *Sarcophagus papa*; Brazil).—Stoss., 1896a, 27 (21) (in S. p.).

pachyderma Stoss., 1902c (d; e) 5 (65; 5), pl. 3 figs. 13-14 (larva in *Lamna cornubica*; Genoa, Nap.).

pachysoma Linst., 1899b, 6-7, pl. 1 fig. 8 (in *Diacepe macrolepis*; Massana).

pallasii Linst., 1903a (1904a), 271-272, pl. 18 fig. 3 (in *Acipenser stellatus*; Kaspisches Meer).

papillifera Linst., 1898c, 281-282, figs. 1-3 (in snake; Bismark Archipelago).

papilligerum (Crep., 1846) Stoss., 1887d (e), 188-189 (5-6) (larva in *Scomber scombrus*; Trieste; 1890, 55; 1896a (b), 62-63 (56-57) in *Auxis rochei*, S. s.; Italy); 1898, 74.—Barbag. & Drago, 1903, 416 (in S. s.; Catania).

papillosa Bloch, 1782a, 32, pl. 9 figs. 1-6 (in Trappen; by Bloch & Baird, 1853a, 27 (so. Heter. vesicularis).—Brug., 1791a, 93, pl. 32 figs. 24-29 (in *Otis tarda*) (so. *vesicularis*).—Dies., 1851a, 148 (so. v.).—Duj., 1845a, 223 (so. H. v.).—Gmel., 1790a, 3034.—Hass., 1896a, 5 (to H.); 1896b, 2 (to H.).—Herbst, 1787a, 26, pl. 2 figs. 1-6 (in T.).—Mol., 1861c, 290 (102) (so. H. v.).—Nordm., 1840a, 654 (so. v.).—Perronc. & Tomiolo, 1901, 69.—Rail., 1893a, 407 (of Bloch not Mol.) (to H.).—Rud., 1809a, 129, 130 (so. v.).—Schränk, 1788, 12.

papillosa n. sp. Mol., 1860c, 338-339 (s. *Spiropt. corvicaiani* (in *Corvus cajanus*; Barro do Rio Negro, Brazil).—Dies., 1861a, 658 (in C. c.; B.).—Drasche, 1883b, 129 (probably belongs to *Heteracis*).

papillosus Bloch, 1782a, 32, pl. 9 figs. 1-6 (see *papillosa* & Wilmsen, 1821, v. 3, 15-16.

pareula Fröel., 1802a, 45-46, pl. 1 figs. 19-20 (in *Ardea cinerea*; prob. by Fröel.).—Mol., 1860c, 487 (so. *Disph. analis*).—Rud., 1814a, 91 (so. *sagittata*).

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- pastinacæ* Rud., 1819a, 56 (in *Raja pastinaca*; C. E. V.).—Carus, 1884, v. 1, 170.—Dies., 1851a, 196 (in *Trygon pastinaca*; M. C. V.).—Drasche, 1883b, 135, pl. 9 figs. 22–23.—Duj., 1845a, 193.—Linst., 1905bb, 184, 190 (so. *quadrata* n. sp.).—Oerley, 1885a, 104.—Shipley & Hornell, 1904, 102.—Stoss., 1896a, 28 (22) (in T. p.).
- pastoris* Linst., 1883a, 279 (larva in *Pastor roseus*; Turkestan); 1886c, 5.—Stoss., 1896a, 52 (46) (in P. r.; T.).
- patagonica* Linst., 1880a, 41–42, pl. 3 fig. 1 (in *Phoca jubata*; Patagonia).—Rail. & Henry, 1907, 1, 2.—Stiles & Hass., 1899a, 107, 143–144 (in *Otaria jubata*; P.).—Stoss., 1896a, 20–21 (14–15) (in P. j.; P.).
- paucipara* Sieb., 1848a, 140 (in *Testudo græca*; Ing.).—Dies., 1861a, 668 (in T. g.).—Drasche, 1884b, 325 (in T. g.).—Schneid., 1866a, 273.—Stoss., 1896a, 80 (74) (in T. g.).
- pectinis-jacobæi* (Linst., 1878a) Seur., 1916, Bs, v. 49, 353.
- pedum* Deslgch., 1824e, 97 (in *maquereau*; Ing.).—Ben., 1870b, 37.—Dies., 1851a, 172 (in *Scomber scombrus*; Rennes).—Duj., 1845a, 208–209.—Krøyer, 1838–40a, 595 (in S. s.).—Stoss., 1896a, 91 (85) (in S. s.).
- pelagica* Gunnerus, 1770, 174.—Brug., 1792a, 140 (so. *rubra*) (cf. Gunnerus, 1770, Skrift. Kiøb. Selsk. Laerdoms, v. 10, 174, pl. E figs. 18–19).—Fabr., 1798a, 59 (of Müell.).
- pellucida* Rud., 1819a, 39, 270–271 (in *Upupa epops*; by Treutler).—Dies., 1851a, 171 (in U. e.).—Duj., 1845a, 170–171 (in U. e.).—Stoss., 1896a, 73 (67) (in U. e.).
- pellucida* Brown, 1823a, 107–111 (in eye of horse; India).—Kennedy, 1823a, 107–111 (*pellucidus*); 1823b, 5 pp.—Lee, 1840a, 286 (so. *Fil. papillosa*).—Mo., 1858, 406 (so. F. p.).—Nordm., 1832a, 11 (so. F. p.).—Rail., 1893a, 525 (so. *equina* or *inermis*).—Stiles, 1892f, 146; 1907b, 41 (? so. *Fil. equina*), 45 (? so. *Fil. conjunctivæ*).—Ward, 1895a, 339 (in *Equus cab.*).
- pellucidus*. See *pellucida*.
- penita* Leidy, 1886e, 312 (in *Trachemys scabra*; apparently U. S. A.); 1904a 192.—Par., 1900c, 194.—Stiles & Hass., 1894e, 341 (in T. s.).—Stoss., 1896a, 80 (74) (in T. s.; N. A.).
- perca* Gmel., 1790a, 3036 (in *Perca fluvi.*; Gœze, 1782a, 90).—Bennet & Olivier, 1826a, 18–19.—Dies., 1851a, 162 (so. *truncatula*).—Rud., 1809a, 173 (so. t.).
- perspicillum* Rud., 1803a, 9–10 (s. ? *Fus. inflexa*, A. *teres* (from turkey), gallopavonis) (in *Meleagris gallopavo*; by Rud.); 1809a, 141–142 (in M. g.); 1819a, 42 (Greifsw.).—Bail., 1866b, 36.—Brems., 1811a, 18, 24.—Dav., 1877a, xcix.—Dies., 1851a, 183–184 (in M. g.; G.).—Duj., 1845a, 218.—Gerv. & Ben., 1859b, 125 (*perspicillum*).—Hass., 1896a, 5 (to Het.); 1896b, 2 (to H.).—Olfers, 1816a, 63.—Rail., 1893a, 406 (to H.).—Schneid., 1866a, 70.—Stoss., 1888, v. 2, 279 (so. H. *inflexa*).—Verrill, 1870, 180.
- petromyzi* Linst., 1879a, 171, pl. 11 figs. 14–15 (in *Petromyzon fluviatilis*; Ing.); 1887d, 107 (in P. f.); 1909a, 54 (in P. f.).—Barbag. & Drago, 1903, 416 (in P. *marinus*; Catania).—Stoss., 1896a, 63 (57) (in P. f.).
- phasiani* Gmel. 1790a 3034 (in *Phasiani picti* int. cæco; Gœze, 1782a, 86).—Rud., 1809a, 129 (so. *vesicularis*).—Zed., 1800a, 33 (so. *Fus. reflexa*).
- philomela* Linst., 1879b, 321, pl. 5 fig. 5 (in *Luscinia philomela*; Ing.).—Stoss., 1896a, 34 (28) (so. *ensicaudata*); 1898, 70 (so. e.).
- phoca* Gœze, 1782a, 39 (in *Seehund*), 73 (renamed *phocarum*; in *Phoca vitulina*).
- phocæ* Fabr., 1780a, 272 (s. *neitsib*) (in *Phoca grœnlandica*, P. *fortida*; Greenland); 1790, 155, 156 (s. *bifida*).—Brug., 1791a, 91, pl. 30 figs. 5–6; 1792a, 131, 137–138.—Duj., 1845a, 274 (so. *Ophiost. dispar*).—Gmel., 1790a, 3030.—Krabbe, 1878a, 44.—Mûche, 1905b, 272, 332 (so. *Ophiost.*).—Müell., 1784a, 46, 49, 101, 106, pl. 74 fig. 1; 1788b, 46, pl. 74 fig. 1 (s. *phocarum*).—Rud., 1793, 10; 1809, 119.—Stiles & Hass., 1899a, 105 (in seals; G.).—Zed., 1803a, 114.
- phocæ-grœnlandicæ* Rud., 1809a, 121 (for *phocarum*, quotes Gœze, 1782a, 73, pl. 2 figs. 9–10).
- phocarum* Gœze, 1782a, 73, pl. 2 figs. 9–10 (in *Phoca vitulina*; from Cassel; Ing.).—Brug., 1792a, 137 (so. *phocæ* Fabr.).—Rud., 1809a, 121 (so. *phocæ-grœnlandicæ*).—Schränk, 1788a, 8 (in *Seehund*; Gœze, 1782a, 73, pl. 2 figs. 9–10).—Stiles & Hass., 1899a, 105.

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- phoxini* Linst., 1887d, 106–107, pl. 2 fig. 9 (in *Phoxinus lævis*: Ing.); 1909a, 55 (in P. l.).—Hofer, 1904a, 229 (P. l.).—Stoss., 1896a, 63 (57) (in P. l.; Gøett.).
- phycidis* Rud., 1819a, [57], 300 (for *phycis*).—Barbag. & Drago, 1903, 417 (in *Phycis mediterraneus*: Aci-Trezza).—Carus, 1884, v. 1, 171.—Dies., 1851a, 199 (in P. m.: Rimini).—Duj., 1845a, 183.—Par., 1894a, 217.—Stoss., 1896a, 91 (85) (in P. m.; R.).
- phycis* Rud., 1819a, 57 (in *Blennius phycis*: Rimini).
- pica* Rud., 1819a, 54, 297 (in *Corvus pica*: Greifsw.).—Dies., 1851a, 192 (in C. p.; G.).—Duj., 1845a, 170.—Stoss., 1896a, 34 (28) (so. *ensicaudata*); 1898, 70.
- pigmentata* Linst., 1897j, 28, pl. 4 fig. 2 (in *Arctomys marmota*: Königsb.).—Hall, 1916a, 40, 41–42, fig. 46 (in *Marmota marmota*).
- piscicola* Linst., 1878b, 239, fig. 27 (larva in *Blicca bjørkna*, *Cobitis fossilis*, *Esox lucius*: Ing.); 1879a, 169; 1887d, 107 (in B. bj., C. f., E. l.); 1909a, 54 (in B. bj., C. f., E. l.).—Hofer, 1904a, 271 (in B. bj., C. f.).—Stoss., 1896a, 47 (41) (so. *acus*); 1898, 72.
- piscium* Pall., 1781a, 90 (so. *Tænia nodulosa*).
- plagiostomorum* Linst., 1905bb, 183–184, pl. 13 fig. 4 (in *Selache maxima*, *Raja radiata*; Ceylon).
- platessæ* Ben., 1871a, 76 (in *Platessa vulg.*; Belgium).
- pleuronectis* Müell., 1776a, 214; 1784a, 193, pl. 74 fig. 5; 1788b, 47, pl. 74 fig. 5 (in *ventric. Pleuronectis platessoidæ*).—Brug., 1792a, 131, 138–139.—Bosc, 1802, 9.—Crep., 1844a, 130.—Dies., 1851a, 57 (= *Echinorh. pleuronectis-platessoides*).—Fabr., 1780a, 274.—Gmel., 1790a, 3048.—Herbst, 1787a, 27.—Lühe, 1905b, 274, 332.—Porta, 1905a, 196 (so. *Ech. p.-p.*).—Rud., 1809a, 310–312.—Westrumb, 1821a, 42.
- pollicaris* Linn. [nv.], cf. 1758a, 648.—Baird, 1853a, 14 (so. *Oxyuris vermicularis*).—Pall., 1781a, 72 (seu *acicularis*, in *Equus cab.*).—Rud., 1809a, 154.
- porcinaræ* Stiles & Hass., 1894e, 341 (misprint for *paucipara*) (in *tortoise*, gen. ? sp. ?; Eng.).
- prælonga* Duj., 1845a, 201–202 (in *Colymbus auritus*; Mus. Wien).—Dies., 1851a, 158 (so. *spiculigera*).—Stoss., 1896a, 32 (26) (so. s.); 1898, 70.
- prionodora* Stoss., 1902e, 5, pl. 3, figs. 9–10 (in *Lampris luna*; Viareggio).
- procellariæ* Dies., 1851a, 194 (in *Procellaria angulorum*; Ireland, Bellingh., 1844a, 174).—Stoss., 1896a, 73 (67) (in P. a.; I.).
- pterophora* Crep., 1853 (1854a), 60–61 (in *Dicholophus cristatus*: Brazil).—Dies., 1861a, 664–665 (in *D. marcegravi*: B.).—Stoss., 1896a, 73 (67) (in D. m.; B.).
- pterostichi* Linst., 1892a, 325, pl. 15 fig. 1 (in *Pterostichus niger*: Ing.); 1893, 330.—Stoss., 1896a, 63 (57) (in P. n.).
- pulmonalis* Gmel., 1790a, 3035 (based on Goeze, 1782a, 95–97, pl. 5 figs. 6–17, from lungs *bufonis* & *rubetræ* [same as *A. bufonis* Schrank]).—Bennet & Olivier, 1826a, 16–17 (in *Anguis fragilis*, *Rana bufo*, *R. bombina*, *R. escul.*, *R. temp.*).—Dies., 1851a, 187 (so. *nigrovenosa*).—Rud., 1801a, 49 (sub *Lior.*); 1802a, 44; 1809a, 147–148 (so. n.).—Sherborn, 1902, 787.
- pusilla* Rud., 1802a, 29 (in *Schweinigel*; by Rud.); 1809a, 50, 164–165 (in *Erinaceus europæus*): 1819a, 46.—Cobbold, 1879b, 295.—Crep., 1839a, 282; 1844a, 133.—Dies., 1851a, 165 (in E. e.; Greifsw.).—Duj., 1845a, 157.—Oken, 1815a, 199.—Olfers, 1816a, 30, 64.—Seur., 1916, 353.—Stoss., 1896a, 63–64 (57–58) (in E. e.; G.).
- pythonis* Cat. RUSL, 1830, 43 (in *Python*).—Dies., 1851a, 161 (so. *anoura*) (quotes Retz., 1830a, 104, 107, pl. 5) (in *Python bivittatus*; Bengal).—Mcl., 1861a, 282 (so. *attenuata*).—Stoss., 1896a, 77 (71) (so. a.).
- quadrangularis* Schneid., 1866a, 31, 35, 43, 255, 256, pl. 1 fig. 10 (in *Crotalus* sp.; Brazil).—Linst., 1802d, 31.—Stoss., 1896a, 25 (19) (in C. sp.; B.).
- quadrata* Linst., 1904f, 3–4, pl. 1 fig. 4 (in *Crocodilus porosus*: Bogoda).
- quadrata* n. sp. Linst., 1905bb, 184–185, 190 (s. ? *pastinacæ*), pl. 13 fig. 5 (? in *Tæniura* sp.).
- quadricornis* Wedl., 1861b, 469, 481–482, figs. 17–19 (in *Ureus haje*; Egypt).—Stoss., 1896a, 50 (44) (in U. h.; E.).—Also reported for *Naja haje*.
- quadrilobata* Linst., 1908, 21, pl. 4 fig. 1 (in *Pseudaspis cana*, *Vipera arietans*; Kooa, Kalahari, Africa).

ASCARIS—Continued.

- radiata* Linst., 1907, 468-469, figs. 4-5 (in *Leptonychotes weddelli*: Antarctic expedition); 1909, 48-49, figs. 4-5 (in L. w.).—Bavlis, 1916, P. 368.
- radiosa* Schneid., 1866a, 31, 42, pl. 1 fig. 1 (in stom., *Echidna rhinocerotis*; Mozambique).—Stoss., 1896a, 36 (30) (in E. r.; M.).
- raia* Müell., 1776a, 214.—Fabr., 1780a, 273-274 (s. *raja*) (in *Raia fullonica*: Greenland).
- raja* Fabr., 1780a, 273-274 (for *raia* Müell.) (so. *raia*) (in *Raia fullonica*: Greenland).—Brug., 1792a., [131], 138 (in *Raja* f.: Greenland).—Crep., 1844a, 124 (in R. f. = *R. radiata*).—Gmel., 1790a, 3037.—Herbst, 1787a, 27 (in *Rauch des Rochen*).—Krøyer., 1852-53a, 960 (in R. r.).—Müell., 1784a (1788b), 102 (47), pl. 24 fig. 4 (in R. f.).—Rud., 1809a, 124, 188, 311.
- raja* Dies., 1851a, 196 (in *Raja batis*: Ireland, Bellingh., 1844a, 174).—Krøyer., 1852-53a, 995 (in R. b.).—Oerley, 1885a, 104.—Stoss., 1896a (b), 91 (85), (in R. b.; I.).
- ralli* Rud., 1819a, 55 (in *Rallus crex*: C. E. V.).—Dies., 1851a, 193 (in *Gallinula crex*: M. C. V.).—Duj., 1845a, 173.—Stoss., 1896a., 73 (67) (in G. c.).—Also reported for *Crex pratensis*.
- rana* Gmel., 1790a, 3035 (in *Rana temp.*: Goeze, 1782a, 101, pl. 4 figs. 4-9).—Bennet & Olivier, 1826a, 17 (in R. arborea, R. t.).—Dies., 1851a, 152 (so. *acuminata*).—Fisch., 1799a, 98.—Nordm., 1840a, 654 (so. a.).—Rul., 1809a, 136 (so. a.).
- ranzania* (Stoss., 1893) Stoss., 1898c, 75 (in *Ranzania truncata*; Pirano).
- reclinata* Rud., 1819a, 657 (in *Crotophaga major*, C. minor; Brazil).—Dies., 1851a, 174 (in C. ani, C. major; B.).—Stoss., 1896a, 74 (68) (in C. ani, C. major).
- rectangula* Linst., 1907, 464-468, figs. 1-3, 8-15 (in *Leptonychotes weddelli*: S. Orkneys); 1909, 45-48, figs. 1-3, 8-15 (in L. w.).—Baylis, 1916, P. 368.—Leiper & Atkinson, 1915, 27 (to Kathleen).
- reflexa* Nitzsch, 1821a, 47 (in *Caprimulgus europæus*: Ing.).—Dies., 1851a, 173 (so. *subulata*).—Duj., 1845a, 169-170.—Schmalz, 1831, pl. 18 figs. 1-6.—Stoss., 1896a, 76 (70) (so. s.).
- renalis* Goeze, 1782a, 39, 73 (in kidney of *Canis* fam.: Redi, 1729, 209, pl. 9 fig. 1 and Gmel., 1790a, 3032).—Aubinais, 1846a, 51, 56.—R. Bl., 1888a, 727 (so. *Eustr. gigas*).—Braun, 1903a, 290; 1908a, 324; 1915a, 329.—Breder, 1882a, 168-170.—Brumpt, 1910a, 472; 1913a, 534.—Cast. & Chalm., 1913a, 562.—Cat. RCSI, 1830, 40.—Chiaje, 1825a, 8 (so. *Str. gigas*).—Cuv., 1817a, 34 (so. S. g.).—Dies., 1851a, 327 (so. E. g.).—Duj., 1845a, 113 (so. S. g.).—Dungl., 1893a, 107, 821.—Nordm., 1840a, 650 (so. S. g.).—Rud., 1809a, 211 (so. S. g.).—Stiles, 1913 (2169), 128.—Stoss., 1899d, 57 (3) (so. E. g.).—Ward, 1895a, 330 (in *Homo*) 333 (in *Bos taurus*), 339 (in *Equus cab.*), 342 (in *Canis* fam.); 1903, 220 (so. *Diocophyme renale*).
- reticulata* Linst., 1899b, 7, pl. 1 fig 11 (in *Ardea cocoi*: Porto Alegre).—S., F., & W., 1908a, 288.
- retusa* Frøel., 1802a, 41-43 (in *Corvus corone*, *Tringa vanellus*; by Frøel.).
- retusa* Rud., 1819a, 656-657 (in *Dasypus novemcinctus*: Brazil).—Cobbold, 1859d, 365, pl. 63 fig. 22 (in D. sexcinctus); 1861e, 121 (in D. s.); 1879b, 321, fig. 60.—Dies., 1851a, 147 (in D. peba; B.).—Duj., 1845a, 166 (in D. n.).—Schneid., 1866a, 73 (to Het.).
- rhombi* Gmel., 1790a, 3036 (in *Pleuronectes rhombus*: quotes Müell., 1780c, 213).—Bennet & Olivier, 1826, 18 (in P. r.).—Dies., 1851a, 162 (so. *acuta*).—Mol., 1861c, 282 (so. a.).—Rud., 1809a, 182 (so. a.).
- rytinæ* Dies., 1851a, 190 (so. *Lumbricus candidus* 1751, *rytinæ*) (in *Rytina stelleri*; Brandt, 1849a, 100).—Cobbold, 1879b, 429.—Linst., 1878a, 59.—Stoss., 1896a, 69 (63) (in R. s.; Bering).—Also reported for *Hydrodamalis gigas*.—See also *rytinæ*.
- rytinæ-stelleri* Dies., 1851a, 190 (so. *rytinæ*) (quotes Brandt, 1846a, 192).
- rigida* Rud., 1809a, 181-182 (s. *marina* Müell., *lophii* Müell.) (in *Lophius piscatorius*; by Müell.): 1819a, 51, 292.—Baird, 1853a, 22.—Carus, 1884, v. 1, 169.—Cobbold, 1858b, 161 (in L. p.).—Dies., 1851a, 164 (in L. p.; M. C. V.); 1861a, 659-660 (in L. p.; Trieste, Padua); 1861c, 276.—Drasche, 1883a, 141, pl. 12 figs. 12-14.—Duj., 1845a, 183-184.—Galeb, 1878b, 334.—Hamann, 1895, 98, pl. 5 figs. 9-10.—Jägers., 1898a, 793.—Krøyer., 1838-40a, 741 (in L. p.).—Linst., 1890d, 179; 1903u, 267, 275; 1905t, 356 (in *Gadus carbonarius*).—

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rigida—continued.

Lint., 1901b, 410, 488 (L. p.; Woods Hole, Mass., 1858d, 147, 1859h, 22; 1861c, 283, 284 (in L. p.; P.).—Olfers, 1816a, 64.—Olss., 1869b, 499, 514.—Par., 1894a, 217.—Schneid., 1866a, 48 (in L. p.) 251, 280, pl. 2 fig. 3.—Shipley, 1905k, 95 (so. *adunca*).—Stoss., 1896a, 26 (20) (in *Lalrax lupus*, L. p.); 1898, 68.—Thomps., 1844, 439.—Wedl, 1855, v. 16, 390; 1856, v. 19, 38, pl. 1 fig. 8.

rosarius Connal, 1912, 233–234, figs. g–h (in *Nycticorax* sp.; Lagos).

rosmari Baylis, 1916, P, 373–376, pl. 15 fig. 3, pl. 17 fig. 3 (s. *bicolor* Baird) (in walrus; Brit. Mus.).

rostrata Stoss., 1897a, 2, figs. 6–8 (in *Sciæna aquila*; Fiume).

rostratus Scortegagna, 1848a, 245 (in *Homo*; Italy) (as *lumbricoides rostratus*).

rotunda Mol., 1861c, 280 (93).

rotundata Rud., 1819a, 39, 270 (in *Squalus galeus*, S. *glaucus*; Rimini, Mus. Wien).—Bellingh., 1844a, 169 (Ireland).—Ben., 1870, 5.—Carus, 1884, v. 1, 169.—Chatin, 1885a, 40, 41.—Dies., 1851a, 171 (in *Galeus canis*, *Gadus morrhua*, *Prionodon glaucus*, *Raja batis*; Europe, M. C. V.).—Duj., 1845a, 190, 192.—Garin, 1913, 42–47, 49, 71, 84, 148, figs. 8–10 (in *Carcharias glaucus*).—Jægers., 1893a, 29–39; 1894b, 476, figs. 4, 5, 13, 18, 24, 25, 27, 28, 29, 43; 1898a, 739, 741, 787, 788, 789, fig. 3.—Krøyer., 1838–40a, 605; 1852–53a, 851, 995 (in *Gad. m.*, *Gal. vulg.*, R. b.).—Linst., 1880a, 44, pl. 3 figs. 8–9; 1903u, 266.—Lint., 1901b, 410, 430, 431, 434, figs. 14–18 (in *Chimaera affinis*, R. *eglanteria*, R. *erinacea*, R. *ocellata*).—Martini, 1906a, 700.—Oerley, 1885a, 102, 104, 108 (in *Gal. c.*, *Gad. mo.*, *Mustelus lævis*, R. b.); 1885b, 217.—Par., 1894a, 220.—Stoss., 1896a, 22–23 (16–17) (in *G. m.*, *G. c.*, *Mustelus equestris*, *Prionodon glaucus*, R. b., R. *fullonica*, R. *radiata*, *Scymnus microc.*).

rotundicaudata Linst., 1904f, 2, pl. 1 fig. 1 (in *Calotes ophiomachus*; Colombo).

rubicanda Schneid., 1866a, 31 (misprint for *rubicunda*).

rubicunda Schneid., 1866a, 35, 42, 255, 256, pl. 1 fig. 8 (in *Python molurus*; Zool. Garden Berl., from ? Bengal).—Kowal., 1902d, 26 (8) (in *P. m.*).—Leidy, 1891b, 236 (so. *anoura*).—Linst., 1901b, 409; 1902d, 31; 1903, 109.—Müell., 1897, 9–10, pl. 1 fig. 6.—Par., 1898b, 12.—Shipley, 1896a (1901b), 141; 1903, 49, 52, 54 (5, 8, 10) (in *P. m.*; *Weligatta*); 1905, 97.—Smith, 1908, 266 (in *P. m.*).—Stoss., 1895c, 35, 36, pl. 5–6 figs. 30, 31, 35 (in *P. m.*, *P. reticulatus*; Singapore); 1896a(b), 35(29) (in *P. m.*, *P. r.*; Singapore).

rubra Müell., 1774a, 36–37 (free; Norway & Eng.) (quotes Pall., figs. 7–9); 1776a, 213; 1784a, 107.—Brug., 1792a, 131, 140.—Fabr., 1798a, 59.—Herbst, 1787a, 27.

rugosa Mol., 1858d, 146 (in *Strix bubo*; Padua); 1861c, 281–282.—Dies., 1861a, 658 (in *Strix b.*; P.); 1861c, 276.—Par., 1894a, 214.—Stoss., 1896a, 74 (68) (in *Bubo maximus*; P.).—Also reported for *Bubo ignavus*.

rytina Dies., 1851a, 190 (s. *rytina-stelleri*, *Lumbrici candidi*) (in *Rytina stelleri*; Bering Sea).—Stiles & Hass., 1899a, 100, 108, 163–164 (in *Hydradamanalis gigas*; B. S.).—See also *ryhtinæ*.

sagittam Olfers, 1816a, 64 (in *Ardea nigra*) (cf. *sagittata*) [nv.].

sagittata Rud., 1809a, 189 (in *Ardea nigra*; by Braun); 1814a, 91; 1819a, 24.—Mol., 1860c, 487 (so. *Disph. analis*).

salamandra Schrank, 1790a, 122 (in *Salamandra maculosa*; Schrank); 1803, 200.—Dies., 1851a, 152 (so. *acuminata*).—Rud., 1809a, 199 (so. *salamandræ-terrestris*).

salamandræ-temiata Gravenhorst, 1807, v. 8, 14.—Rud., 1809a, 199.

salamandra-terrestris Rud., 1809a, 167, 199 (*salamandra* renamed) (in *Salamandra maculosa*; by Schrank); 1819a, 47 (so. *brevicaudata*).

salaris (Gmel., 1790) E. Bl., 1849a, 151–152, pl. 6 fig. 2 (in *Gadus* s. *Capsularia*, *Cucullanus salaris*, *C. lacustris*, *Capsularia salaris*, *C. trinodosa*).—Ben., 1871a, 56 (in *Morrhua vulg.*).—Dies., 1851a, 163 (so. caps.).—Stiles & Hass., 1894e, 341 (in *Gadus morrhua*).—Stoss., 1896a, 57, 92 (51, 86) (so. caps.).

salmonis-omul Rud., 1819a, 59 (in *Salmo omul*; Pall., 1813, v. 3, 409).—Dies., [1850a, 558]; 1851a, 203 (in *Salmo (Omul) autumnalis*).—Duj., 1845a, 210 (in *S. o.*; Asiatic Russia).—Stoss., 1896a, 92 (86) (in *S. a.*; Asiatic Russia).

ASCARIS—Continued.

- salvini* Baird, 1860c, 446 (in *Orephasis derbianus*; of Guatemala; 1861a, 228–229 (in O. d.; of G.).—Baylis, 1916, 411, 412, 417–418 (in O. d.; G.).—Dies., 1861c, 277 (in O. d.; G.).—Stoss., 1896a, 74 (68) (in O. d.; G.).
- satyri* Chatin, 1877, GrsB, 384–387 (in *Orang-Outang*: Mus. Par., from Borneo).—Looss, 1902m, 716.—Stoss., 1896a, 69 (63) (in *Satyris orang*).—Also reported for *Pithecius satyrus*.
- sauri* Rud., 1819a, 59, 302 (in *Osmerus saurus*; Nap.).—Carus, 1884, v. 1, 171.—Dies., 1851a, 203 (in *Saurus saurus*; N.).—Duj., 1845a, 210.—Par., 1887c, 493; 1894a, 218.—Stoss., 1896a, 57 (51) (so. capsularia).—Also reported for *Saurus griseus*. *Aulopus filamentosus*.
- sciænæ* Rud., 1819a, 58–59, 302 (in *Sciænæ umbra*; Spezia).—Carus, 1884, v. 1, 171.—Dies., 1851a, 201 (in *Umbrina vulg.*; S.).—Duj., 1845a, 182.—Par., 1887c, 493; 1894a, 218.—Sons., 1891, 263 (in *U. cirrhosa*).—Stoss., 1896a, 57 (51) (so. capsularia).
- scombrocumi* Stoss., 1892b, 71 (8) (in *Scomber colias*; Trieste; 1896a, 64 (58) (in S. c. Trieste); 1898, 75.—Barbag. & Drago, 1903, 416 (in *Pelamys sarda*. S. c.; Catania).—Par., 1902c, 14 (in S. c.).
- scorpenæ* Rud., 1819a, 57, 300 (in *Scorpena serota*; Rimini).—Carus, 1884, v. 1, 171.—Dies., 1851a, 199 (in S. s.).—Duj., 1845a, 181.—Linst., 1903u, 267.—Par., 1894a, 217 (in S. s.; R.).—Stoss., 1896a, 92 (86) (in S. s.; R.).
- scorpenæ-cirrhosa* (Dies., 1851b) Par., 1887, 345–346, pl. 7 figs. 44–47, to *Azamonema* (Asc.).—Stoss., 1896a, 64 (58) (in *Scorpena cirrhosa*, S. porcus).
- secunda* Schrank, 1790a, 120 (in *Perca vulg.*; Schrank); 1803, 203.—Rud., 1809a, 161, 175.
- semiteres* (Zed., 1800) Rud., 1802a, 13 (in *Tringa vanellus*, *Corvus cornix*; by Rud.); 1809a, 143 (in T. v.); 196 (so. cornicis) 197; 1814a, 89–90; 1819a, 42, 276 (Greifsw.).—Baird, 1853a, 24.—Bilek, 1910 (2), 170.—Dies., 1851a, 184 (in *Vanellus cristatus* at Greifsw.; *V. melanogaster*; M. C. V.).—1861a, 666 (in V. c.; Padua); 1861c, 278.—Duj., 1845a, 200–201.—Gieb., 1857a, 268.—Mol., 1858d, 149; 1861c, 289 (in V. c.; P.).—Olfers, 1816a, 63.—Par., 1894a, 215; 1899a, 13.—Stoss., 1896a, 33 (27) (so. ensicaudata); 1898, 70.—Villot, 1875, 470 (in *Pluvialis apricarius*, V. c.; Roscoff).—Also reported for *Corvus cornix*, & Kiebitz.
- septangularis* Linst., 1903u, 271, pl. 18 fig. 2 (in *Aquila nobilis*; Petrograd Mus.).
- serpentulus* Rud., 1809a, 191 (in *Ardea cinerea*; by Braun); 1814a, 91–92; 1819a, 53, 296, 663–664.—Baird, 1853a, 20.—Blainv., 1828a, 511.—Brens., 1824a, 128; 1824b, pl. 5 figs. 9–14.—Crep., 1839a, 282.—Dies., 1851a, 156 (s. ardeæ Frœl.) (in A. c., A. grus, A. major, A. nycticorax, A. pileata, A. cerulea, A. agami, A. scapularis; Europe, Brazil, M. C. V.); 1861a, 657 (in A. violacea; America).—Duj., 1845a, 172.—Leidy, 1856b, 51 (in A. v.; by Schaffhirt, Ing.).—Linst., 1899b, 7–8, pl. 1 fig. 9 (in *Grus pavonina*, G. australasiana; 1903u, 266; 1909a, 52 (in A. cinerea. *Nycticorax nycticorax*).—Mûh., 1898b, 9, 45.—Olfers, 1816a, 65.—Par., 1887b, 342; 1887c, 493; 1894a, 215; 1899a, 13; 1899b, 97 (in A. purpurea; Portoferraio); 1902c, 13 (in A. p.).—Smith, 1908a, 266 (in *Anthropoides virgo*).—S., F., & W., 1908a, 288.—Stiles & Hass., 1894e, 340 (in Ard. violacea).—Stoss., 1896a, 74–75 (68–69) (in Ard. cin., A. maj., A. nyc., A. pil., A. coerulea, A. ag., A. scap., A. viol., A. purp., *Grus cinerea*, *Phœnicopterus roseus*); 1897, 1.—Wedl, 1856, v. 19, 35.
- serrata* (Wright, 1879) Stoss., 1896a, 64 (58) (in *Coregonus albus*; N. A.).
- serrata* Drasche, 1884a, 116, pl. 5 figs. 3–4 (in *Vastres cuvieri*; Mus. Wien).—Stoss., 1896a, 24 (18) (so. draschei).
- sescupiedalis* Linn., 1771b, 543 (Hedemore Sveciæ sub graminum radicibus).—Modeer, 1790a, 126.—Rauh, 1779a, 18.—Schrank, 1803b, 197.
- seta* Gœze in Muell., 1780b, 140, 141 (for *seta stricta nigrescens*) (so. acus).—Dies., 1851a, 186 (so. a.).—Rud., 1809a, 149 (so. a.).
- seta stricta nigrescens* Muell., 1780b, 140 (in Hechte, Froschen, Raubvögeln).
- setaricta nigrescens* Muell., 1780c, 204 (so. Gord. lacustris) (see *seta stricta nigrescens*).
- setiformis* Gœze in Zed., 1800 a, 78 (so. *Str. auricularis* in *Rana temp.*; quotes Gœze, 1782a, 93, 94, 98, 434, pl. 4 figs. 1–3) (see also *tenuissima*).

ASCARIS—Continued.

- siluri* Gmel., 1790a, 3036 (in glanide; Bloch, 1782a, 31).—Dies., 1851a, 202 (in *Silurus glanis*; Griseb.).—Duj., 1845a, 186, 187.—Hofer, 1904a, 229 (in S. g.).—Linst., 1909a, 53 (in S. g.).—Rud., 1809a, 201, 202 (in S. g.); 1819a, 59.—Stoss., 1896a, 92 (86) (in S. g.; G.).—Zsch., 1903, 146, 147.
- siluri* Linst., 1878b, 239, 240, fig. 28 (larva in *Silurus glanis*; Ing.); 1880a, 53 (re-named glandidis).—Stoss., 1896a, 65(59) (so. linstowii).
- siluri-glanidis* Linst., 1883a, 279, pl. 6 fig. 4 (in *Silurus glanis*; Turkestan); 1886a, 4, fig. 4.—Stoss., 1896a, 65 (59) (in S. g.; T.).—Zsch., 1903, 146, 147.
- similis* Baird, 1853a, 19, pl. 1 fig. 1 (in stomach of a seal; Antarctic); 1855a, 69–70.—Baylis, 1916, P, 370–372, 375, 411, pl. 15 fig. 2, pl. 1 fig. 1.—Dies., 1861a, 656 (in *Phoca* sp.; A.).—Krabbe, 1878, 45, 47.—Kreff, 1871a, 211.—Rail. & Henry, 1907, 1, 2.—Stiles & Haas., 1899a, 108, 109, 110, 144, 146–147.—Stoss., 1896a, 69 (63) (in P. sp.).
- simpler* Rud., 1801a, 94 (nomen nudum except for habitat, Delphin; Coll. Albers, in Bremen); 1809a, 170 (in *Delphinus phocaena*); 1819a, 49.—Baylis, 1916, P, 365, 366 (of Linst., so. decipiens) (in *Otaria jubata*; Kerguelen Isl.), 373, 374.—Ben., 1870a, 363.—Braun, 1891e, 110.—Cobbold, 1876, 297; 1886, 176–177; 1879b, 426.—Dies., 1851a, 155 (s. ? delphini-gangetici) (in D. p., D. nr. 5; by Dussumier; D. gangeticus).—Duj., 1845a, 220–221.—Jägers., 1891a, 132; 1893a, 27–29; 1894b, 474, fig. 42; 1897b, 22; 1898a, 738, 787, 791, 793.—Krabbe, 1878a, 47–49, fig. 2, pl. 1 fig. 4.—Leidy, 1886e, 311; 1891a, 411 (in *Mesoplodon sowerbiensis*).—Linst., 1888, 2–3, pl. 1 figs. 1–4; 1899b, 9; 1901e, 273; 1903u, 267.—Looss, 1905a, 18.—Még., 1882w, 645–647 (in *Dauphin commun*; Concarneau) (development).—Mont., 1889d, 69, 70 (in D. sp.; Patagonia).—Olfers, 1816a, 64.—Rail. & Henry, 1907, 1, 2.—Shipley, 1905, 97 (in D. delphis).—Stiles & Hass., 1894e, 340 (in *Phocaena* sp.); 1899a, 107, 111, 112, 120–126, 127, 128, 130, 131, 132, 134, 138, 139, 142, 144, 145, 146, 161, 162, 163 (in *Balaenopt. rostrata*, B. sabbaldii, *Delphinapt. leucas*, *Delphinus* sp., *Hyperoodon rostratus*, *Lagenor. albirostris*, *Monodon monoceros*, Ot. j., *Phocaena phocaena*, *Platanista gangetica*); 1894e, 340 (in *Phocaena* sp.).—Stoss., 1896a, 17(11) (in *Beluga leucas*, *Balaenopt. sabbaldii*, B. rostrata, *Delphinus* sp., *Hyp. r.*, *Lag. albi.*, Mon. m., Ot. j., Pl. g., *Phocaena com.*).—Thomps., 1844, 439.—Villot, 1875, 467 (in Del. d.).
- smaris* Rud., 1819a, 58 (in *Sparus smar*; C. E. V.).—Dies., 1851a, 200–201 (in *Smaris* vulg.; M. C. V.).—Duj., 1845a, 182.—Stoss., 1896a, 92 (86) (in S. v.).
- solea* Rud., 1819a, 58 (in *Pleuronectes solea*; C. E. V.).—Braun, 1891e, 110.—Dies., 1851a, 199 (in *Solea* vulg.; M. C. V.).—Drasche, 1883b, 135, pl. 10 figs. 20–21.—Krøyer., 1838, 40a, 612 (in S. v.).—Stoss., 1896a, 27 (21) (in *Cottus scorpius*, S. v.).
- solitaria* Linst., 1903k, 109, fig. 3 (in *Dipsadomorphus dendrophilus*; Aring, Siam).—Shipley, 1903, 153.
- soricis-tetragonuri* Crep., 1844a, 121 (based on Leuck., 1842a, 41, does not use name but refers to Asc. in der Spitzmaus).
- spari* (-spieræ) Par., 1894a, 216 (in *Sparus* (spiera ?); Naples) (for spari-spierre).
- spari-spierre* Rud., 1819a, 58, 301, 776 (in *Sparus spierre*; Naples).—Duj., 1845a, 182.
- sparoidum* (Dies., 1851) Stoss., 1887d, 189; 1896a (b), 65 (59) (in abd. cav. of Box hooops, *Oblata melanura*, *Pagellus mormyrus*, *Smaris alcedo*; Europe); 1898, 75.—Barbag. & Drago, 1903, AdP, 416 (in B. b., O. m., S. gagarella; Catania).
- species Barbag. & Drago, 1903, v. 7, 416–417 (in *Raja clavata*; Catania); 417 (in *Exocoetus volitans*; Riposto); 417 (in *Thynnus brachypterus*; Tonnara di S. Panagia, Siracusa); 417 (in *Xiphias gladius*; Messina).
- species Ben., 1866a, 210 (forme embryonnaire . . . dans les taupes, . . . dans les poumons du busard).
- species Ben., 1871a, 63 (in *Motella quinquecirrata*; Belgium).
- species Braun, 1883b, 22 (in *Canis* fam.; Germany).
- species Carnoy, 1886b, 44–46, 60, 82, pl. 5 figs. 131–133 (in *Canis* fam.) (not mystax).
- species Clerc, 1903, v. 11, 245 (in *Milvus ater*; Oural).
- species Cobbold, 1859d, 366, pl. 63 figs. 32–33 (in American snake).
- species Cobbold, 1866b, 10 (in *Heterodon platyrhinus*); 10 (in land tortoise); 11 (in Python); 11 (in *Sciæna umbra*).

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- species Cond.-Franc., 1898a, 2, 4, 14 (in *Gobius avernensis*; Italy).
- species Glauc., 1910, ZA, 753, 758, fig. d (in *Felis melas*); 753, 759, fig. h (in *Felis pardochrous*); 753, 758-759, fig. g (in *Felis serval*).
- species Jägers., 1894b, 454 (in *Grus cinerea*; Ing.).
- species Johnst., 1912, v. 12, 108 (in *Phalacrocorax carbo*; N. S. Wales).
- species Krefft, 1871a, 212 (in *Ovis aries*; Australia).
- species Krøyer., 1838-40a, 187 (in *Gasterosteus aculeatus*; Ing.).
- species Kroy., 1843-45a, 138 (in *Merlangus pollachius*; Ing.); 315 (in *Platessa limanda*; Ing.); 376 (in *Platessa limandoides*; Ing.); 488 (in *Solea vulg.*; Ing.).
- species Krøyer., 1846-53a, 137 (in *Silurus glanis*; Ing.); 201 (in *Clupea schoneveldii*); 552 (in *Cobitis barbatula*); 641 (in *Anguilla migratoria*); 976 (in *Raja clavata*).
- species Leidy, 1891b, 236 (in *Heterodon platyrhinus*, *Ophibolus triangulus*; U. S. A.); 1904a, 242.
- species Linst., 1883a, 279 (in fish).
- species Linst., 1901b, 410 (in *Chromis* sp.; Rukwa-See, Africa).
- species Linst., 1901e, 275 (in *Lucioperca marina*; Ing.).
- species Linst., 1901e, 275 (in *Drepanopsetta platessoides*; Europ. Eismeer).
- species Linst., 1907, v. 26 (6), 470 (in *Catarrhactes chrysolophus*; Antarctic).
- species Linst., 1908, RIM, 109 (larva in *Bungarus fasciatus*, *Digsalotus alcocki*, *Otolithus maculatus*, *Tropidonotus piscator*; Indian Mus.).
- species Lint., 1901b, 410 (in various fish; Woods Hole).
- species Lint., 1901b, 481, pl. 7 figs. 57-61 (in *Paralichthys dentatus*; Woods Hole); 1905d, 329 (to Het.).
- species Lint., 1901b, 410, 425, pl. 9 fig. 90 (in *Mustelus canis*; U. S. Nat. Mus.); 410, 481, figs. 143-146, 147-151 (immature, in *Paralichthys dentatus*; Woods Hole region); 481, figs. 57-61 (in intestine of P. d.; W. H. r.); 410, 477, figs. 75-78 (in *Phycis tenuis*; by V. N. Edwards); immature ascarids, 477, figs. 166-167 (in body cavity of P. t.; Marthas Vineyard); 410, 438, pl. 5 figs. 41-45 (in *Pomolobus mediocris*; W. H. r.); 410, 445, figs. 37-40 (in *Sarda sarda*; W. H.); 410, 458, figs. 65-69 (in *Stenotomus chrysops*; U. S. Nat. Mus.); immature forms (in viscera) figs. 110-116, 117-120 (in S. c.; Charleston, S. C.); 410, 461, figs. 79-80, pl. 9 figs. 81-83 (in *Sciaenops ocellatus*; Sandy Hook); immature ascarids figs. 134-137 (in peritoneum of S. o.); 410, 467 (in *Hemipteris americanus*; by Edwards), figs. 91-94, 157-159; 410, 467, figs. 84-87 (in stom. of *Cottunculus thomsonii*; by Steamer Albatross); 410, 487, figs. 95-96 (immature in *Glyptoc. cynoglossus*; U. S. Nat. Mus.); 410, 467 (immature in *Myxoc. aeneus*; U. S. Nat. Mus.); 467, figs. 70-72 (in M. a.; N. Y.); 488, figs. 185-187 (immature in *Lophius piscatorius*; W. H.); 410, 485 (immature in *Pseudo-pleuronectes americanus*; W. H. r.); 485, figs. 88-89 (in P. a.); 484, figs. 152-153 (immature in *Paralichthys oblongus*; U. S. A.); 410, 480, figs. 173-178 (immature in *Macrourus bairdii*; U. S. Nat. Mus.); 484 (immature in *Bothus maculatus*; Grand Banks); 410, 479 (immature in stomach of *Brosimius brosmie*; W. H. r.); 476 (immature in *Gadus callarias*; W. H. r.); 410, 475, figs. 97-99 (immature in intest. of *Microgadus tomcod*; W. H. r.); 410, 464, figs. 121-122 (immature in intest. of *Lagoc. laevigatus*; W. H. r.); 410, 461, figs. 168-171 (immature in *Menticirrhus saxatilis*; W. H. r. & U. S. Nat. Mus.); 457, figs. 140-142 (immature in *Lobotes surinamensis*; W. H. r.); 410, 444, figs. 73-74, 181-182 (immature in *Scomber scombrus*; N. Y.) (probably *clavata*); 410, 455 (immature in *Roccus lineatus*; W. H. r.); 441, pl. 11 fig. 131 (immature in *Salmo salar*; Bucksport, Me.); 410, 443 (immature in *Tylosurus acus*; W. H. r.); 410, 429, pl. 11 figs. 127-130 (immature in *Carcharias littoralis*; W. H. r.); 410, 432 (immature in *Dasyatis centrura*; W. H. r.); 410, 437 (immature in *Clupea harengus*; U. S. Nat. Mus.); 410, 441 (immature in *Osmerus mordax*; U. S. Nat. Mus.); 410, 440, pl. 12 figs. 138-139 (immature in *Alosa sapidissima*; U. S. Nat. Mus.); 449 (immature in *Trachurops crumenophthalmus*; W. H. r.).
- species Lint., 1905d (1906a), 330, 372 (in *Coryphæna hippurus*; Beaufort); 330, 383 (in *Kyphosus sectatrix*; Beaufort); 330, 395 (in *Micropogon undulatus*; B.); 330, 342 (immature in *Scoliodon terra-novæ*; B.); 350 (immature in *Galeichthys milberti*; B.); 330, 352 (immature in *Brevoortia tyrannus*; B.); 330, 353 (immature in *Stolephorus brownii*; B.); 330, 354 (immature in *Synodus*

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species Lint.—continued.

- fœtens*: B.: 330, 355 (immature in *Fundulus majalis*: B.: 330, 357 (immature in *Tylosurus raphidoma*: B.: 330, 358 (immature in *Hyporhamphus roberti*: B.: 330, 360 (immature in *Menidia menidia*: B.: 330, 365 (immature in *Caranx hippos*: B.: 330, 366 (immature in *Trachinotus carolinus*: B.: 330, 368 (immature in *Pomatomus saltatrix*: B.: 330, 372 (in *Coryphæna hippurus*: B.: 330, 375 (immature in *Centropistes striatus*: B.: 330, 377 (immature in *Orthopristis chrysopterus*: B.: 330, 384 (immature in *Cynoscion regalis*: B.: 330, 385 (immature in *Cynoscion nebulosus*: B.: 330, 387 (immature in *Bairdiella chrysura*: B.: 330, 392 (immature in *Leiostomus xanthurus*: B.: 330, 395 (immature in *Micropogon undulatus*: B.: 330, 398 (immature in *Menticirrhus americanus*: B.: 330, 402 (immature in *Sphæroides maculatus*: B.: 330, 404 (immature in *Prionotus scitulus*: B.: 330, 404 (in *Prionotus tribulus*: B.: 330, 407 (immature in *Opsanus tau*: B.: (probably young *Asc. habena*): 330, 411 (immature in *Paralichthys dentatus*: B.: 330, 412 (immature in *Paralichthys albiguttus*: B.: 330, 414 (immature in *Lophopsetta maculata*: B.: 330, 341 (immature in *Carcharhinus milberti*: B.: 356 (immature in *Tylosurus marinus*: B.: 363 (immature in *Scomberomorus regalis*: B.: 381 (immature in *Lagodon rhomboides*: B.).
- species* Lint., 1907, 90–91, pl. 1 figs. 1, 1b (in *Bodianus fulvus punctatus*, *Epinephelus striatus*, *Mycteropera aqua*; Bermuda).
- species* Lint., 1908 (1907), 114 (in *Ginglymostomum cirratum*; Tortugas).
- species* Nicoll, 1907a, 71 (in *Centronotus gunnellus*; Ing.): 71 (in *Cottus bubalis*; Ing.): 71 (in *Gadus aglefinus*; Gr. Brit.): 71 (in *Gobius ruthensparri*; Ing.): 71 (in *Liparis montagui*; Ing.): 72 (in *Ammodytes tobianus*; Gr. Brit.): 72 (in *Hippoglossus vulg.*; G. B.): 72 (in *Pleuronectes limanda*; G. B.): 72 (in *Pleuronectes microc.*; G. B.).
- species* Par., 1887b, 343–344 (71–72), pl. 7 figs. 40–41 (in intest. *Thynnus vulg.*; Tonnare di Porto Paglia, Sarda).
- species* Par., 1902, 2 (in *Ardeola ralloides*; Elba); 2 (in *Dactylopterus volitans*; E.); 2 (in *Polyprion cernuum*; E.); 2 (in *Scomber scomber*; E.); 2 (in *Xiphias gladius*; E.).
- species* Par., 1909, 417 (3) (in *Leggada minutoides*; Fort Portal).—Hall, 1916a, 40 (in *Mus minutoides*; F. P., Africa).
- species* Pierantoni, 1913, ICZ. Com., 35–36; 1914, ICZ, 663–664 (larva in *Sagitta*; Nap., etc.).
- species* Rail., 1890w, 143 (in horse; Japan).
- species* Rail. & Henry, 1907b, 10 (larva in *Notothenia coriiceps*; Antarctic).
- species* Rail. & Henry, 1911, BSPE, 573 (in *Rhea americana*).
- species* Ritchie, 1915, 38 (in *Molge palmata*; Scotland).
- species* Rizzo, 1902, 32–33 (so. cephalopt.) (in *Tropidonotus natrix*; Catania).
- species* Shipley, 1905k, 98 (host unknown; Mus. Dundee).
- species* Shipley & Hornell, 1906, 88 (in *Carcharias mülleri*).
- species* Skrj., 1916, 486–487 (in *Circus cinereus*; Aouli-ata; 487 (in *Aquila imperialis*; A.-a.).
- species* Skrj., 1916, 48 (in Gallinacea); 48 (in *Bitis gabonica*).
- species* Stewart, 1914, RIM, 179–180, pl. 22 figs. 55–56 (in *Wallago attoo*; 179, pl. 22, figs. 52–54 (in *Callichrous pabda*, periton. cav., *Wallago attoo*; Lucknow & Calcutta).
- species* of Curtice.—Ward, 1895a, 333 (in *Bos taurus*; U. S. A.).
- species* of Drasche, 1882.—Ward, 1895a, 336 (in *Ovis aries*; Ing.).
- species* Wellman, 1905.—Braun, 1908a, 241 (in *Homo*; Angola); 1915a, 365.—Stiles, 1914, MM, v. 2, 288.
- species* Whitefield, 1829, 58–60, pl. 1, 2 unnumbered figs.
- species* Wolffh., 1900a, 44 (in Specht).
- species* Zsch., 1896a, 775 (in intest. of *Abramis brama*; Switz.): 776 (in intest. of *Salmo salar*; Switz.).
- species*.—Also reported for *Alepoc. rostratus*, *Cottus gaeaphractus*, *Cyclopterus lumpus*, *Gadus callarias*, *Rana temp.*, *Talpa europæa*, *Zamenis parallelus*.

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- spiculigera* Desmonceaux, 1868a, 11 (misprint for spiculigera).
sphærocephala Rud., 1809a, 188-189 (in *Accipenser sturio*; by Rud.); 1819a, 61 (to Ophiost.).—Duj., 1845a, 271 (to *Dacnitis*).—Olfers, 1816a, 65.
sphyranura Linst., 1906, 1-3, pl. 1 figs. 1-3 (in *Sphyranura barracuda*; Tasmania).
spicra Dies., 1851a, 200 (spari-spice renamed) (in *Sparus spicra*; Nap.).—Carus, 1884, v. 1, 171.—Stoss., 1896a, 57 (51) (so. *capsularia*).
spiculifera Shipley, 1905k, 97, 102 (for *spiculigera*) (in *Phalacrocorax* sp.; Mus. Dundee).
spiculigera Rud., 1809a, 168-169 (in *Pelecanus onocrotalus*; by Jurine); 1819a, 48-49, 290 (in *P. carbo*, at Berl.; *P. cristatus*, *P. pygmaeus*, at Mus. Wien), 595, 662-663, 664.—Aitken, 1866, 845; 1872, 151.—Baird, 1853a, 25.—Bellingh., 1844a, 171.—Blainv., 1828a, 541.—Braun, 1891e, 110.—Brems., 1824a, 128; 1842c, pl. 5 figs. 5-8.—Cat. RCL, 1830, 42-43 (in *Phalacrocorax carbo*).—Clerc, 1903, 250, 254, 256.—Cobbold, 1858b, 165 (in *Alca torda*, *Uria troile*); 1866b, 10 (in *Ph. c.*, *Utamania torda*; Gr. Brit.). 1879b, 448.—Crep., 1829b, 22-29; 1844a, 121, 129, 131; 1846a, 138; 1846b, 166.—Desmonceaux, 1868a, 11 (*speculigera*) (s. *colymborum*, *mergorum*, *prælonga*).—Dies., 1851a, 157-158 (s. *col.*, *merg.*, *præl.*, *variegata*) (in *A. t.*, *Colymbus arcticus*, *C. rufogularis*, *C. septentrionalis*, *Carbo brasiliensis*, *C. cormoranus*, *C. cristatus*, *C. graculus*, *C. pygmaeus*, *Lestris pomarinus*, *Larus tridactylus*, *Mergus merganser*, *M. serrator*, *Podiceps auritus*, *P. cristatus*, *P. dominicensis*, *P. minor*, *Pel. onoc.*, *Tachypetes aquila*, *Ur. tr.*; Europe, Brazil, M. C. V.); 1861a, 658 (in *Pelecanus americanus*, *Carbo dilophus*; U. S. A.); 1861c, 276.—Duj., 1845a, 206-208.—Fedtsch., 1874a, 57.—Jägers., 1893a, 16-20; 1894b, 450, 454, 463, fig. 39; 1897b, 20; 1898a, 738 (*apiculigera* misprint), 787, 789.—Johnst., 1912, v. 12, 108 (in *Pelecanus conspicillatus*, *Plotus novæ-hollandiæ*, *Phalacrocorax sulcirostris*; S. Q., S. W. Australia).—Kowal., 1904, 7 (22) (in *Podiceps auritus*; Dublin).—Leidv., 1858a, 112; 1886c, 311; 1891a, 411 (in *Pelecanus fuscus*; Fla.).—Leuck., 1867b, 124; 1868a, 417.—L'Herminier, 1826, 33.—Linst., 1879a, 168; 1883a, 277; 1886c, 3; 1888a, 3-4, pl. 1 figs. 5-7; 1901b, 410; 1901e, 272; 1903u, 266 (in *Hæmatopus ostralegus*, *Phalacrocorax uril*, *P. pelagicus*, *Pel. on.*); 1906, 163, 164, 166 (in *Plotus melanogaster*); 1909a, 52, fig. 12 (in *Colymbus sept.*, *C. arc.*, *C. cris.*, *C. nigricans*, *Larus ridibundus*, *Merg. merganser*, *M. serrator*, *Ph. c.*).—Looss, 1905a, 18.—Mehl., 1831a, 94, pl. 2 figs. 11, 18.—Mol., 1861c, 281.—Mühl., 1898b, 45.—Olfers, 1816a, 64.—Par., 1887b, 342-343 (70-71), pl. 7 figs. 38-39 (s. *col.*, *merg.*, *spiculigera*, *variegata*, *præl.*) (in *A. t.*, *Carbo bras.*, *C. corm.*, *C. crist.*, *C. grac.*, *C. pyg.*, *Colymbus arct.*, *C. rufogularis*, *C. septentrionalis*, *Lestris pomarinus*, *Larus tridactylus*, *Mergus merganser*, *M. serrator*, *Pel. on.*, *Podiceps aur.*, *P. crist.*, *P. domin.*, *P. minor*, *Tach. aq.*, *U. tr.*); 1894a, 215; 1900c, 194 (in *Fulica leucopt.*; Patagonia).—Rail. & Henry, 1912, 256 (to *Contracæum*).—Schneid., 1866a, 18, 45 (pars so. *nasuta*), 46 (pars so. *granulosa*), 193, 215, 218, 219, 220, 221, 295, pl. 1 fig. 14, pl. 16 fig. 3 (in *Carbo corm.*, *Haliaeus brasiliensis*, *Pel. on.*; Nubia, Brazil, Ostsee).—Setti, 1897, 46.—Sieb., 1854, 33.—S., F., & W., 1908a, 287.—Stiles & Hass., 1894e, 340 (in *Pelecanus fuscus*, *P. tetrahynchus*, *Phalacrocorax dilophus*, *Plotus anlinga*); 1899a, 112, 160.—Stoss., 1889, v. 4, 181, pl. 4 figs. 1, 2; 1890, v. 5, 129; 1890, v. 12, 55; 1891, v. 13, 110; 1891, v. 6, 216; 1892, v. 6, 7, 70; 1893, v. 14, 83; 1895, v. 16, 35; 1896a, 31-32 (25-26) (in *Alca tarda*, *Chrocephalus ridibundus*, *Carbo dil.*, *Colymbus arct.*, *C. ruf.*, *C. sept.*, *Haliaeus brasiliensis*, *H. cristatus*, *Lestris parasitica*, *L. pom.*, *Larus argentatus*, *L. canus*, *L. fuscus*, *L. marinus*, *L. trid.*, *Microcarbo pygmaeus*, *Mergus castor*, *Mergus merganser*, *M. se.*, *Podiceps au.*, *P. crist.*, *P. domin.*, *P. minor*, *P. nigricollis*, *Pelecanus am.*, *P. f.*, *P. on.*, *P. trachyrhynchus*, *Ph. c.*, *P. graculus*, *P. verrucosus*, *Plotus anlinga*, *Tachypetes aquila*, *Uria grylle*, *U. t.*); 1896, 121; 1898, 70; 1902, 2.—Villot, 1875, 470-471 (in *U. t.*; Roscoff).—Wolffh., 1900, 10, 62.—Also reported for *Anas clangula*, *Colymbus atrigularis*, *Plotus lavaillanti*, *Pelecanus* sp.
spinicauda Olfers in Rud., 1819a, 40, 272-273 (in *Lacerta teguixin*; Brazil), 652-653.—Dies., 1851a, 150 (in *Podinema t.*, Brazil; *Ctenodon nigropunctatus*, M. C. V.).—Duj., 1845a, 174-175.—Also reported for *Lacerta* sp., *Scincus* sp.
spinicauda (Duj., 1845) Dies., 1851a, 188 (in *Podarcis muralis*; near St. Malo).
spiralis Rud., 1795a, 11-12 (in *Strix aluco*; by Rud.); 1802a, 25-26; 1809a, 189-191, 278 (in *S. flammea*, *S. stridula*, *S. bubo*); 1814a, 90; 1819a, 42 (so. *depressa*).—Baird, 1853a, 24.—Dies., 1851a, 157 (so. *d.*); 1861a, 657.—Duj.,

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spiralis—continued.

- 1845a, 196-197.—Gieb., 1857a, 268.—Kowal., 1904, 6 [21] (in *Otus brachyotus*).—Linst., 1875a, 203, pl. 4 figs. 30-31A; 1876a, 3; 1884a, 139; 1901a, 272; 1903u, 267.—Mol., 1859h, 21; 1861c, 281 (so. d.).—Müch., 1898b, 45.—Müll., 1904a, 119 (in Eulen).—Olfers, 1816a, 65.—Stiles & Hass., 1894e, 340 (in *Bubo virginianus*).—Stoss., 1891, v. 13, 110; 1895, v. 14, 34; 1896a, 27-28 (21-22) (in *Aegolius otus*, *A. brachyotus*, *Bubo maximus*, *Nyctale tengmalmi*, *S. f.*, *S. nivea*, *S. noctua*, *S. stridula*, *Ula aluco*); 1898, 68-69.—Walter, 1866, 69.—Wolfth., 1900, 10, 16, 17.—Also reported for *Falco pygargus*, *Otus vulg.*, *Syrnia nyctea*, *Syrnium aluco*.
- spiralis* Mol., 1860e, 339-340 (in *Picus comatus*; Barro do Rio Janeiro, Brazil).—Dies., 1861a, 667 (in P. c.; B.).—See *molini*.
- spirotheca* (Gyöery, 1856) Clap., 1859a, 101, pl. 8 figs. 9-12.—Dies., 1861a, 638 (to *Ptychoceph.*).
- squali* Gmel., 1790a, 3037 (in *Squalo globerrima*; Red. an. viv. 89).—Dies., 1850a, 619 (so. *Cephalocoryleum squali-musteli*); 1851a, 197 (so. *lineata* Bosc. (in *Squalus*)).—Duj., 1845a, 192.—Oerley, 1885a, 104.—Rud., 1809a, 200; 1810a, 379; 1819a, 56 (s. l.) (in *Squalus*; by Bosc) 767.—Stoss., 1896a, 93 (87) (in *S.* sp.).
- squalii* Linst., 1908, 5, pl. 1 fig. 9 (in *Squalius schmidtii*).
- stenocephala* Rail. & Henry, 1907b, 2, 3, 4, 7-10, 13, 14, figs. 3, 8-12 (in *Leptonychotes weddelli*, *Stenorhynchus leptonyx*; Bay of Flanders, Booth Wandel Isl., Antarctic).—Leiper & Atkinson, 1915, 27 (so. *Kathleena rectangularis*).
- stephanostoma* Jærdens, 1802a, 29-30, pl. 7 figs. 5-8 (in *Homo*; by Bretschneider) (type of *Stephanostoma*).—R. Bl., 1889d, 708 (larva of *mouche carnassière*).—Brems., 1824a, 322, pl. 9 fig. c.—Chiaje, 1825a, 36, pl. 10 fig. 4; 1833, 36.—L'Herminier, 1826, 13.—Joy, 1835a, 505.—Moq.-Tand., 1860a, 386.—Olfers, 1816a, 65.—Rail, 1895, 789.—Slawikowski, 1819, 79.
- sterna* Rud., 1819a, 55, 298 (in *Sterna nigra*; Rimini), 595.—Dies., 1851a, 193 (so. *sternæ-nigræ*).—Par., 1894a, 215.—Stoss., 1896a, 75 (69) (in *S. nigra*; R.).
- sternæ* Linst., 1909a, 53 (in *Sterna hirundo*) for *sternæ-hirundinis*.
- sterna-hirundinis* Dies., 1851a, 193 (in *Sterna hirundo*; Ireland, Bellingh., 1844a, 174).—Stoss., 1896a, 75 (69) (in *S. h.*; I.).
- sterna-nigra* Dies., 1851a, 193 (*sternæ* Rud. renamed) (in *Sterna nigra*; Rimini).—Mol., 1860c, 495 (so. *Disph. elongatus*).
- stictodora* Stoss., 1902e, 5, pl. 3 figs. 11-12 (in *Dentex gibbosus*; Genoa).
- striata* Linst., 1907, 251, pl. 6 fig. 2 (in *Potamochoerus penicillatus*; Kamerun).
- strongylina* Rud., 1819a, 651 (in *Crypturus* (*Tinamus*), *Tetrao uru*; Brazil).—Cobbold, 1879b, 447.—Dies., 1851a, 150 (in *Perdix dentata*, *Tinamus taupa*; B.).—Duj., 1845a, 171.—Schneid., 1866a, 75.
- stramæa* Frœl., 1791a, 82-85, pl. 3 fig. 15 (in *Maulwuri*; by Frœl.).—Hall, 1916a, 199 (so. *Spirura talpæ*).—Mol., 1860b, 933 (to *Spiropt.*).—Oken, 1815a, 293.—Olfers, 1816a, 65.—Rud., 1809a, 168, 193-194 (s. *talpæ* Gmel., *Fus. convoluta*) (in *Talpa*); 1819a, 24 (to *S.*).—Schrank, 1803, 197.
- sturni* Gmel., 1790a, 3034 (in *Sturnus vulg.*; Gœze, 1782a, 86).—Bennet & Olivier, 1826, 15 (in *S. v.*).—Dies., 1851a, 185 (so. *crenata*).—Rud., 1809a, 146 (so. c.).
- styligera* Mehl. in Crep., 1846a, 146 (in *Testudo*).
- subulata* Schrank, 1788a, 11 (based on Gœze, 1782a, 97-101, pl. 2 fig. 8, *Asc. vermicularis cauda subulata*, from *Wasserkrauten*, 100, pl. 4 figs. 4-9).—Dies., 1851a, 152 (so. *acuminata*).—Nordm., 1840a, 654 (so. a.).—Rud., 1809a, 136 (pars so. a.), 147 (so. *nigrovenosa*).—Zed., 1800a, 47.
- subulata* Rud., 1819a, 38, 269 (in *Caprimulgus ruficollis*; Mus. Wien).—Dies., 1851a, 173-174 (s. *caprimulgi*, *forcipata*, *reflexa* (in *C. europæus*, *C. r.*, *C. cortopan*, *C. mercurius*, *C. candicans*, *C. diurnus*, *C. nattereri*, *C. trifurcus*, *C. scaphiurus*, *C. semitorquatus*, *C. guianensis*, *Cuculus cayanus*, *C. tingvazu*, *C. neivius*, *C. melacoryphus*, *Nyctibius atherens*, *N. grandis*; *Alcedras* & Brazil).—Duj., 1845a, 169.—Leidy, 1886b, 10.—Par., 1889d, 761.—Stoss., 1896a, 76 (70) (in *C. e.*, *C. cortopan*, *C. m.*, *C. candicans*, *C. d.*, *C. n.*, *C. r.*, *C. t.*, *C. scaphiurus*, *C. semit.*, *C. g.*, *C. sp.*, *Cuculus cay.*, *C. ting.*, *C. n.*, *C. m.*, *N. a.*, *N. g.*).—Also reported for *Antrostomus vociferus*, *Chordeiles semitorquatus*, *Nyctidromus guianensis*.

ASCARIS. Continued.

- subulata* Rud., 1809a, 147 (so. *Asc. nigrovenosa*) [see Goëze, 1782a, 98, pl. 2 fig. 8].—Dies., 1851a, 187 (so. n.).
- succisa* Rud., 1809a, 187–188 (in *Raja clavata*; by Treviranus): 1819a, 52 (in *R. miraletus*; C. E. V.).—Barbag. & Drago, 1903, 417 (in R. c.; Catania).—Bellingh., 1844a, 173.—Braun, 1891e, 111.—Carus, 1884, v. 1, 170.—Crep., 1844a, 124, 125.—Dies., 1851a, 178 (in *Cyclopterus lumpus*, R. c.; Ireland).—Duj., 1845a, 190, 193.—Kœll., 1843a, 101–136.—Krøyer., 1838–40a, 613; 1852–53a, 976 (in C. l., R. c.).—Mol., 1861c, 280.—Oerley, 1885a, 104.—Olfers, 1816a, 65.—Sieb., 1845, 215.—Stoss., 1896a, 93 (87) (in C. l., R. c.; I.).
- suilla* Duj., 1845a, 167–168 (in *Sus scrofa dom.*; Paris).—Aitken, 1866, 842; 1872, 152.—Anacker, 1891d, 407.—Bail., 1866b, 13, 14, 32, 33, 34.—Baird, 1853a, 19 (in S. s. d.).—R. Bl., 1906, 372.—Braun, 1915a, 362.—Buëtsch., 1876, 228.—Campb. & Lacr., 1907, 69.—Cave, 1905, v. 1, 7 (in liver of *Sus scrofa*).—Cobbald, 1866b, 9 (in *Dicotyles torquatus*, pig); 1879a, 62; 1879b, 243, 244, 246, 405.—Craig, 1904, 947, 1915, 501.—Curtice, 1890c, 152.—Dav., 1877a, xcvi, 231.—Dewitz, 1892b, 147.—Dies., 1851a, 168 (so. *lumbricoides*); 1861a, 661 (so. l.).—Fiebiger, 1912a, 295.—Francis, 1891a, 451.—Heidrich, 1912, v. 9 (8), 90.—Hut. & Mar., 1906a, 395; 1910b, 494.—Leiper, 1913, 268.—Leuck., 1867b, 157, 195, 205; 1879a, 196; 1886d, 154.—Löwenthal, 1908, 557; 1909, v. 14, 617.—Martin, 1913, 74.—Nev.-Lem., 1912a, 666.—Perez, 1866a, 220, 224, 273, 278.—Rail., 1893a, 400 (so. suum).—Rail. & Morot, 1893a, 407–408 (in S. s.).—Schneid., 1866a, 36 (so. l.), 37, 272.—Shipley, 1896a (1901b), 138 (in pig).—Stewart, 1916, BMJ, 486, 487, 488 (in mouse); 1917, P, v. 9 (2), 213–227, figs. 1–9, pl. 1, figs. 1–12.—Stiles, 1907b, 50.—Stoss., 1896a, 11 (5) (so. l.).—Tidswell & Johnst., 1912., v. 2, 112 (in pig; Australia).—Titta, 1903a, in 1–28 (in liver of S. s.).—Verrill, 1870, 179, 238.—Walter, 1866a (b), 68 (18) (*suillæ* in swine).—Wheeler, 1900, 480.
- suilla* Walter, 1866a (b), 68 (18) for *suilla*.—Bennett, 1912, v. 9, 553.—Shipley, 1896a (1901b), 139 (in pig).
- suus* Gmel., 1790a, 3032 (in *suus serosæ intestinis*; Goëze, 1782a, 71).—Martin, 1913, 3, 19, 20, 21, 41, 64, 66–67, 100, 118, 119, 122, 124, 127, 130, 141, 142, 143, 145, 146.—Meyer, 1910, v. 23, 37.—Rud., 1809a, 125 (so. *lumbricoides*).—Sl. & Sw., 1912a, 401.—Zuërn, 1882, 238.
- sulcata* Rud., 1819a, 48, 289–290 (in *Testudo mydas*; Mus. Wien).—Baird, 1853a, 26.—Carus, 1884, v. 1, 169.—Dies., 1851a, 159 (in *Halichelys atra*, *Geochelone schweiggeri*; Berl., M. C. V.).—Duj., 1845a, 173.—Leidy, 1887b, 21.—Looss, 1902m, 415.—Parr., 1894a, 216; 1900c, 194 (in *Thalassochelys caretta*, Rio de la Platte).—Schneid., 1866a, 31, 32, 43, 1 fig., pl. 1 fig. 11 (in *Chelonia mydas*, C. sp.; Carracas); 286.—Shipley, 1896a (1901b), 141.—Stiles & Hass., 1894e, 341 (in *Trachemys scabra*).—Stoss., 1895, v. 16, 35, pl. 4 figs. 8–11; 1896a, 25–26 (19–20) (in C. m., G. s., T. c., *Testudo mauritiana*, Tra. sc.); 1897, 5; 1898, 67–68.—Also reported for *Chelone mydas*, *Chersus mauritanicus*, *Halychelys atra*, *Testudo indica*, *T. tabulata*, *T. græca*, *T. geometrica*.
- suum* Goëze, 1782a, 71–72 (in *Sus scrofa dom.*; Germany).—Bossuat, 1902, v. 6, 197 (in liver).—Braun, 1915a, 362.—Braun & Lühe, 1909a, 145, 151; 1910a, 159, 164.—Brumpt, 1910a, 332; 1913a, 397.—[Cary, 1915, Bull. 185, 46–47.]—Frœl., 1802a, 33–34.—Galli-Val., 1907, 224 (in S. s.; Tunis).—Garin, 1913, 21, 22, 23, 24, 28–35, 48, 147, 148, fig. 3.—Gedœlst, 1911a, 131.—Gough, 1908, 3 (in S. s.; S. Africa).—Mote, 1914, v. 40, 216 (in sheep); 1914, Bull. 280, 28, 31, 43–46, fig. 13.—Nev.-Lem., 1912a, 666.—Rail., 1893a, 400 (s. *suilla*); 1915, 491; 1915, IVC, 734 (in pig).—Rans., 1911a, 25 (in pig).—Rud., 1809a, 125 (so. *lumbricoides*).—Schrank, 1788a, 7.—Stoss., 1896a, 11 (5) (so. l.).—Ward, 1895a, 300 (so. l.).—Zed., 1800a, 27.
- talpa* Gmel., 1790a, 3032 (in *talpæ intestinis et ventriculo*; Goëze, 1782a, 75, 87).—Bennet & Olivier, 1826, 11–12 (in mole).—Hall, 1916a, 199 (to *Spirura*).—Modeer, 1790a, 127.—Mol., 1860b, 933 (so. *Spiropt. strumosa*).—Rud., 1809a, 193 (so. st.).—Schrank, 1790a, 121 (in *Talpa*; teste Schrank: 1803, 197–198).
- tarda* Gmel., 1790a, 3034 (in *Otidis tarde intestinis*; Bloch, 1782a).—Rud., 1809a, 241 (to Str.) (in *Otis tarda*).
- [*tenella* Rud., 1809a, 158. “cf. Schrank in trium *Ascaridum tenellarum*,” probably not as specific name.]
- tentaculata* Rud., 1819a, 658 (in *Didelphys cayopolin*, D. quocuiqua; Brazil).—Cobbald, 1879b, 433.—Dies., 1851a, 147 (in D. philander, D. dom., D. opossum, D. virginiana, D. cancrivora, D. lanigera, D. quica; Brazil: 1861a,

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tentaculata—continued.

655-656 (in D. v.; Penn.).—Duj., 1845a, 168.—Leidy, 1856b, 51.—Linst., 1903a, 266 (of Hempr. & Ehrenb.) (in Hyrax sp.).—Schneid., 1866a, 115.—Stiles & Hass., 1894e, 340 (in D. v.).

tentaculatus (Hempr. & Ehrenb., 1828) Nassonow, 1897 [nv.].—Hall, 1916a, 43, 44 (to Crossophorus).

tennicollis Rud., 1819a, 47, 286-287 (in Crocodilus lucius; Heidelberg).—Dies., 1851a, 160 (in Champsia lucius, C. sclerops, C. nigra; Brazil); 1861a, 658 (in Alligator mississippiensis; Penn.).—Duj., 1845a, 174.—Leidy, 1856b, 51; 1886e, 311.—Linst., 1904, 4.—Pavesi, 1881a, 294, 295.—Rayer & Chaussat, 1850a, 128.—Reese, 1914, v. 33 (2), 138, pl. 9 figs. 1-2.—Stiles & Hass., 1894e, 341 (in A. m.).—Stoss., 1896a, 80 (74) (in A. m., C. n., C. s., C. l.).—Also reported for Champsia gibbiceps, Jacare sclerops, J. nigra.

tennissima Schrank, 1788a, 11 (in Wasserkroeten; Goeze, 1782a, 93, pl. 4 figs. 1-3) [=bufonis Gmel.]; 1803, 201.—Dies., 1851a, 314 (so. Str. auricularis).—Duj., 1845a, 131 (so. S. a.).—Frœl., 1791a, 93-97 (in frogs & toad).—Mol., 1861c, 331 (so. S. a.).—Rud., 1802a, 41 (so. S. a.); 1809a, 223 (so. S. a.).—Zed., 1800a, 80 (so. S. a.); 1803a, 92 (so. S. a.).

tennissima (Zed., 1800) Rud., 1809a, 185-186 (in Gadus lota; C. F. V.), 223; 1819a, 52.—Bellingsh., 1844a, 173.—Dies., 1851a, 178-179 (in Lota com., Merlangus com.; M. C. V.).—Duj., 1845a, 189.—Hofer, 1904a, 229 (in L. vulg.).—Krøyer, 1838-40a, 606; 1843-45a, 184 (in L. v., M. vulg.).—Olfers, 1816a, 62, 65 (in G. l.).—Stoss., 1896a, 93 (87) (in L. v., M. v.; Ireland).—Zsch., 1884, 6, 12, 68-70, pl. 2 fig. 14 (in L. v.); 1896a, 783, 820 (in fish; Genfersee); 1903, 132, 135, 139, 140 (in L. v.).

teres Goeze, 1782a, 39 [a collective species from mammals and birds, cf. Lumbricus teres intestinalis Linn.], 74-89, pl. 1 figs. 4, 5, 7-12, pl. 2 figs. 1-4 (in hen).—R. Bl., 1888a, 704 (pars so. mystax).—Dies., 1851a, 148 (pars so. vesicularis), 182 (pars so. maculosa), 184 (pars so. perspicillum), 185 (pars so. crenata), 189 (pars so. mustelorum).—Frœl., 1802a, 49 (so. gallinarum).—Hass., 1896b, 2 (so. Het. perspicillum).—Mol., 1860b, 933 (pars so. Spiropt. strumosa), 934 (so. S. obtusa); 1861c, 290 (so. Het. vesicularis).—Rud., 1803a, 10 (teretes so. persp.); 1809a, 129 (pars so. ves.), 132 (pars so. inflexa), 141 (pars so. persp.), 146 (pars so. crenata), 159 (pars so. macu.), 170 (pars so. obtusa), 193 (pars so. strumosa), 194 (pars so. martis), 196 (pars so. cornicis).—Ward, 1903l, 223 (pars so. canis).—Zed., 1800a, 33 (so. Fus. reflexa).

teres [anatis] Goeze, 1782a, 85 (in Anas).—Dies., 1851a, 170 (so. inflexa).—Mol., 1861c, 286 (so. i.).—Rud., 1809a, 132.

teres [canis] Goeze, 1782a, 84 (in Dachshund).—Dies., 1851a, 181 (so. marginata).—Rud., 1809a, 138 (so. m.).

teres [felis] Goeze, 1782a, 79-84, pl. 1 figs. 5, 9-13 (in cat).—Dies., 1851a, 180 (so. mystax).—Rud., 1809a, 140 (so. mys.).—Schrank, 1788a, 8 (named cati).

teres [galli] Goeze, 1782a, 86 (in Hahn). See also Asc. galli Schrank, 1788a, 9.

teres galli major Rud., 1809a, 129 (based on Goeze, 1782a, 76, 85, 86, pl. 1 figs. 4, 7, 8) (so. vesicularis).—Dies., 1851a, 170 (so. inflexa).—Mol., 1861c, 286 (so. in.).—See gallinarum 1788.

teres galli minor Rud., 1809a, 129 (based on Goeze, 1782a, 86) (so. vesicularis).

teres [milvi] Goeze, 1782a, 85 (in Falco milvus; by Goeze).—Dies., 1851a, 156 (so. depressa).—Mol., 1861c, 280 (so. de.).—Rud., 1809a, 143 (so. d.).

teres [minor] Duj., 1845a, 223 (refers to Goeze, 1782a, 86) (so. Het. vesicularis).

teres [minor, phasiani-galli et picti] Rud., 1809a, 129 (refers to Goeze, 1782a, 86) (so. vesicularis).—Mol., 1861c, 290 (so. Het. ves.).

teres [variorum turdorum] Goeze, 1782a, 77.—Dies., 1851a, 184 (so. ensicaudata).—Rud., 1809a, 191 (so. lancea).

teres [vulpis] Goeze, 1782a, 84 (in Fuchs; Rekan).—Dies., 1851a, 181 (so. triquetra).—Rud., 1809a, 139 (so. t.).

teretes Goeze, 1782a of Rud., 1803a, 10 (? so. perspicillum).

testudinis Rud., 1809a, 198-199 (in Testudo vulg. aquatica; Braun in Schneid.); 1810a, 374; 1819a, 25 (so. Spiropt. contorta).—Sons., 1889, 284.—Also reported for Testudo orbicularis.

testudinis terrestris Cat. RCSL, 1830, 43 (in land tortoise) (cf. dactylura).

ASCARIS—Continued.

- tetraonis* Gmel., 1790a, 3034 (in tetrax: Redi an. viv. 82).—Dies., 1851a, 148 (so. vesicularis).—Mol., 1861c, 290 (so. Het. ves.).—Nordm., 1840a, 656 (so. compar.).—Rud., 1809a, 161 (so. c.).
- tetraptera* Nitzsch, 1821a, 48, pl. 3 dextr. 1-6 (obvelata renamed) (in *Mus musculus*, *Hypudaus arvalis*, *H. amphibius*, *Arctomys citillus*: Ing.).—Cobbold, 1871l, 496; 1879b, 245, 316, 379.—Crep., 1849, 56-57.—Dies., 1851a, 174 (s. obvelata, dipodis) (in *Crictus vulg.*, *Dipus sagitta*, *D. jaculus*, *Mus musculus*, *M. sylvaticus*; *M. C. V.*).—Duj., 1845a, 165.—Hall, 1916a, 86 (to *Oxyuris*).—Stoss., 1898c, 82.
- terana* Smith & Goeth., 1904, v. 43 (8), 542-544, figs. 1-4 (in *Homo*: Tex., 1904, v. 7 (9), 316 (in H.); 1904, v. 66 (9), 345-346; 1904, v. 80 (9), 420; 1904, v. 7 (25), 974; 1904, v. 30 (39), 1450.—Braun, 1908a, 341; 1915a, 365.—Brumpt, 1910a, 349; 1913a, 413.—Cast. & Chalm., 1910a, 442, 450, 925; 1913a, 1292.—Geddes, 1911a, 131.—Guiart, 1910a, 364.—Koch, 1910, v. 14, 118, 122.—Nev.-Lem., 1908a, 431.—Simon, 1907a, 307; 1911a, 233.—Sl. & Sw., 1912a, 317.—Stiles, 1907, 597, 598; 1914, MM, v. 2, 288.—Verdun, 1907, 326.—Ward, 1916, 702.
- thymalli* Linst., 1885b, 240-241, pl. 13 fig. 12 (larva in *Thymallus vulg.*: Ing.); 1887d, 107 (in T. v.).—Hofer, 1904a, 229 (in T. v.).—Stoss., 1896a, 65-66 (59-60) (in T. v.; Hameln).
- thyrsitis* Linst., 1908, v. 13, 21 (immature, in *Thyrsites atun*: S. Africa).
- tiora* Linst., 1879b, 320, pl. 5, fig. 1 (in *Varanus ornatus*: Natal: 1904f, 12; 1908, 21 (in T. o.).—Par., 1898b, 13.—Stoss., 1896a, 52 (46) (in V. o.).
- tigridis* Gmel., 1790a, 3031 (in *tigridis intestin*: Redi an. viv. 19; Act. Acad. Par., 1763, 47).—Dies., 1851a, 189 (in *Felis tigris*).—Glaue, 1910, ZA, 746.—Rud., 1809a, 194 (in *tigris*: 1819a, 53, 296 (in F. t.).—Stoss., 1896a, 69 (63) (in F. t.).
- todari* Chiaje, 1823, v. 4, 200 [nv.].—Dies., 1851a, 205 (in *Loligo todarus*).
- torpedinis* Rud., 1819a, 56, 298 (in *Torpedo marmorata*: Mus. Wien).—Ben., 1870b, 16.—Carus, 1884, v. 1, 170.—Dies., 1851a, 196 (in T. m.; *M. C. V.*).—Duj., 1845a, 193.—Oerley, 1885a, 104.—Stoss., 1896a, 93 (87) (in T. m.).
- trachealis* Gmel., 1790a, 3035 (based on Goetze, 1782a, 98, pl. 2 fig. 8 [see subulata Schrank] from lungs *bufonis*, see *bufonis* Schrank).—Fisch., 1799, 98.—Dies., 1851a, 187 (so. nigrovenosa).—Shipley, 1901b, 125, 126, 241.—Rud., 1809a, 147 (so. n.).
- transfuga* Rud., 1819a, 40-41, 273-274 (in *Ursus arctos*, *U. maritimus*: Mus. Wien).—Baird, 1853a, 20.—E. Bl., 1849a, 150, pl. 6 fig. 1.—R. Bl., 1888a, 711.—Cobbold, 1879b, 243, 297.—Dies., 1851a, 179 (in U. a., U. m., U. americanus, U. labiatus; *M. C. V.*).—Duj., 1845a, 158.—Fox, 1912, 36 (in U. a.).—Freund, 1913, 352 (in *Thalassarcos maritimus*).—Giebel, 1857a, 268.—Hempel., 1912a, 96.—Jägers., 1894b, 454 (in brown bear).—Leidy, 1891a, 410-411 (in U. m.).—Leuck., 1876a, 878.—Looss, 1901a, 58.—Moniez, 1896, 409.—Schneid., 1866a, 32, 38, pl. 1 fig. 3 (in U. arctus).—Shipley, 1896a (1901b), 125, 126, 141, fig. 62.—Stiles & Hass., 1894e, 340 (in U. horribilis).—Stoss., 1896a, 19 (13) (in U. americanus, U. arctos, U. lab., U. mar.).—Ward, 1903, 223; 1903, 707; 1916, 702.
- transfusa* Par., 1896c, 5 for *transfuga* Rud.
- tribothrioides* Cobbold, 1859d, 365, pl. 63 figs. 10-11 (in *Anas obscurus*: Gr. Brit.); 1861e, 122 (in A. o.; Zool. Gard., Lond.); 1879b, 447.—Stoss., 1896a, 76 (70) (in A. o.).
- trichina* Moq.-Tand., 1860a, 324 (for *trichiura*).
- trichiura* Linn., 1771b, 543 (in *Homo*; Germany).—Abildg., 1790, 31.—R. Bl., 1888a, 774 (so. *Trichoc. hominis*).—Braun, 1903a, 278; 1908a, 312; 1915a, 330.—Brumpt, 1913a, 466.—Cast. & Chalm., 1910a, 428, 929; 1913a, 563, 1301.—Chiaje, 1825a, 4 (so. T. dispar).—Cobbold, 1866, 5.—Fagge & Pye-Smith, 1902a, 465 (so. T. d.).—Linn., [1771b], 543.—Linst., 1905bb, 191 (to T.).—Rauh, 1779a, 18.—Rud., 1809a, 89 (so. T. d.).—Schneid., 1896, 309 (Askaris).—Sl. & Sw., 1912a, 338.—Stiles, 1907e, 603; 1914, MM, v. 2, 295.—Ward, 1895a, 330 (in *Homo*); 1903l, 216 (so. T. trichiuris).—Werner, 1828b, 84-87.
- trichiura* Werner, 1828b, 84-87 (misprint for *trichiura*).
- trichura* Mehl. in Crep., 1846a, 147 (in *Triton alpestris*; by Mehl.)

ASCARIS—Continued.

- trichura* Rud., 1809a, 89 (misprint for trichiura).—Ward, 1895a, 313 (so. Trichoceph. dispar).
- trichuria* Hooper, 1799a (b), 252 (31) (so. Trichuris vulg.).—Dungh., 1893a, 107 for trichiura (see Tricoc.).
- tricuspidata* Brug., 1791a, 91, pl. 30 figs. 7-9 (in Canis fam. hispan.; quotes Bloch).—Braun, 1903a, 302; 1908a, 341.—Dies., 1851a, 181 (so. marginata).—Rud., 1809a, 138 (so. marg.).—Ward, 1895a, 301 (so. mystax), 330 (in Homo), 342 (in Canis fam.); 1903, 223 (so. canis).
- trigonura* Dies., 1851a, 186 (s. cobitidis) (in Cobitis barbatula; Ireland).—Hofer, 1904a, 271 (in C. b.).—Krøyer., 1852-53a, 1226 (in C. b.).—Stoss., 1896a, 94 (88) (in C. b.; I.).—Zsch., 1896, 773, 775, 778, 784 (trigora), 822 (in C. fossilis).
- trigora* Zsch., 1896, 784 (misprint for trigonura).
- triquetra* Schrank, 1790a, 120 (in Vulpes; Schrank); 1803, 195.—Baird, 1853a, 17.—Bellingh., 1844a, 169 (Ireland).—Dewitz, 1892b, 147.—Dies., 1851a, 181-182 (so. teres vulpis, vulpis) (in Canis vulpis; M. C. V.); 1861a, 666 (in C. v.; Padova); 1861c, 278.—Duj., 1845a, 161.—Glaue, 1910, ZA, 745, 748, 753, 754, 757, 758.—Leiper, 1907, 1297.—Linst., 1878a, 1. (so. mystax).—Mol., 1858d, 149; 1861c, 288 (in C. v.; Padua).—Müch., 1898b, 45.—Oken, 1815a, 201.—Olfers, 1816a, 63.—Rail. & Henry, 1911, 14 (so. Belascaris vulpis Schrank, 1788).—Rud., 1802a, 12 (s. vulpis) (in fox; Europe); 1809a, 139-140, 194 (in V.); 1819a, 41 (in C. v.).—Schneid., 1866a, 38 (so. mys.).—Stoss., 1896a, 15 (9) (so. mys.); 1898, 67.—Walter, 1866, v. 7, 18.—Ward, 1895, 330 (so. mys.) (in Homo).—Walton, 1916, JP, 39-41, figs. 1-6 (in dog).
- triton* Dies., 1861a, 667 (in Triton taeniatus; Clap., 1859a, 14, 101, pl. 8 figs. 11-12).—Stoss., 1896a, 81 (75) (in T. t.).—Linst., 1909a, 53 (in T. t.).
- truncata* Rud., 1793a, 12 (in Ursus meles; by Rud.); 1802a, 44 (to Lior.); 1809a, 247.
- truncata* (Zed., 1803) Rud., 1809a, 160, 195-196 (includes hermaphrodita Frœl.) (in Psittacus aestivus); 1819a, 45, 281, 657-658.—Crep., 1846a, 131; 1849a, 63.—Dies., 1851a, 183 (s. herm.) (in P. a., P. dominicensis, P. leucoc., P. aracanga, P. menstruus, P. pulverulentus, P. siliureus, P. guianensis, P. ararauna, P. aracanga, P. purpureus, P. vinaceus, P. leucotis, P. phœnicurus, P. festivus; M. C. V., Brazil), 560 (in P. pertinax; Greifsw.).—Duj., 1845a, 214-215 (s. herm.) (in P. pulv., P. æst. P. domin., P. leucoc.; Mus. Wien).—Gieb., 1857a, 268 (in P. macao, P. solstitialis).—[? Olfers, 1816a, 61.]—Schneid., 1866a, 71 (in P. macao; Brazil).—Also reported for P. auctumnalis.
- truncatula* Rud., 1809a, 161, 173-175 (s. perca Gmel., bicolor Rud.) (in Perca fluviatilis, P. lucioperca; by Rud.); 1819a, 49-50.—Baird, 1853a, 21.—Baylis, 1916, P, 376.—Dies., 1851a, 162 (in P. f., Lucioperca sandra; Greifsw.).—Duj., 1845a, 180-181.—Hofer, 1904a, 271 (in L. s.).—Krøyer., 1838-40a, 20, 41 (in L. s., P. f.).—Linst., 1909a, 53 (in Acerina cernua, L. s., Lota vulg., P. f., Salmo salvelinus).—Oken, 1815a, 199-200.—Olfers, 1816a, 31, 64.—Stoss., 1896a, 94 (88) (in Gymnoc. cernua, L. s., P. f., S. s.).—Zsch., 1884, 12, 72-73 (in P. f., S. umbla); 1896, 783, 820.
- truncatulata* Hofer, 1904a, 284 (in Perca fluviatilis) (for truncatula).
- trunculata* Sieb., 1854a, 111 (apparently lapsus for truncatula).—Hofer, 1904a, 229, 238 (for truncatula Rud.) (in Acerina cernua, Lucioperca sandra, Perca fluviatilis, Salmo salvelinus).
- truttæ* Gmel., 1790a, 3036 (in farionis intestinis; Gœze, 1782a, 93).—Dies., 1851a, 178 (so. obtusocaudata).—Rud., 1809a, 178, 202 (s. farionis Gmel.) (in Salmo trutta); 1819a, 50 (so. ob.).—Schrank, 1803, 202-203.
- tubifera* Fabr., 1780a, 273 (s. urksuk) (in ventriculo Phocæ barbatae; Greenland).—Brug., 1792a, 131, 138.—Crep., 1844a, 128.—Lühe, 1905b, 322, 332-333 (so. Lior. gracilescens).—Müch., [1784a], 46, 49, 101, 107, pl. 74 fig. 2 (in P. b.); 1788b, 46, pl. 74 fig. 2 (in P. b.).—Nordm., 1840a, 646 (so. L. g.).—Rud., 1802a, 15 (in P. b.); 1809a, 248 (so. L. g.).—Stiles & Hass., 1899a, 105.
- tulura* Leidy, 1887b, 21, figs. 2-3 (in Buteo lineatus; Penn.).—1904a, 194.—Stiles & Hass., 1894c, 340 (tulura) (in B. l.).—Stoss., 1896a, 76 (70) (in B. l.).
- turdi* Gmel., 1790a, 3034 (in Turdi iliaci, viscivori, pilaris intestinis, hepate; Gœze, 1782a, 75, 77, 78, 85, pl. 2 figs. 1-3).—Bennet & Olivier, 1826, 15-16 (in Turdus pilaris, T. iliacus).—Brug., 1791a, 94, pl. 31 figs. 13-16 (in T. v.).—Dies., 1851a, 184 (so. ensicaudata).—Rud., 1809a, 191 (so. lancea).—Schrank, 1783a, 9.—Stoss., 1896a, 34 (28) (so. ensicaudata).

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- turdi-iliaci* Dies., 1851, 184 (in *Turdus iliacus*; Goeze, 1782a, 77, pl. 2 figs. 1-4) (so. ensicaudata).
- turdi-pilaris* Dies., 1851a, 184 (in *Turdus pilaris*; Goeze, 1782a, 85) (so. ensicaudata).
- turgida* Stoss., 1902e, 2-3, pl. 4 fig. 23 (in *Didelphys crassicaudata*; Buenos Aires).
- turula* Stiles & Hass., 1894e, 340 (lapsus for *tulura*) (in *Buteo lineatus*; Coll. Leidy).
- typica* (Dies., 1851) Jägers., 1894b, 453 [not genotype of *Asc.*]—Baylis, 1916, P. 372.—Rail. & Henry, 1907, 1.—Shipley, 1905, 98 (in *Delphinus delphis*, *Globic. globiceps*).—Stiles & Hass., 1901r, 181.—Stiles & Hass., 1899a, 102, 108, 116, 125, 126, 127-138, 161, 162 (in *D. d.*, *D. sp.*, *Phocæna phocæna*, *Prodelphinus*).
- uncinata* Rud., 1819a, 661 (*Cavia aperea*, *C. paca*; Brazil).—Cobbold, 1879b, 318.—Dies., 1851a, 147 (in *C. a.*, *Coelogenis paca*; Brazil).—Duj., 1845a, 166.—Schneid., 1866a, 73.
- of Trav., 1914, v. 6 (2), 139 (type of *Paraspidodera*).—Hall, 1916a, 49, 53 (to *Paraspidodera*).
- unciniformis* Stoss., 1896a, 88 (82) (lapsus for *cuneiformis* Rud., 1819a, 50) (so. leucisci-idi).
- unduloso-striata* Baird, 1862b, 113-114 (in *Sarcoramphus papa*; Brit. Mus.).—Baylis, 1916, P. 411, 412, 418 (so. *Het. vesicularis*) (in *S. p.*).
- unquiculata* Rud., 1819a, 653-654 (in *Amphisbaena sp.*; Brazil).—Dies., 1851a, 151-152 (in *A. fuliginosa*, *Anops kingii*, *Glyptoderma vermiculare*, *Lepidosternon microc.*, *Siphonops annulatus*; B.).—Duj., 1845a, 177.—Stoss., 1896a, 81-82 (75-76) (in *A. f.*, *A. k.*, *G. v.*, *L. m.*, *S. a.*; B.).
- ungulata* Ben., 1871a, 45 (ungulatus) (in *Labrus maculatus*; Belgium).—Stoss., 1896a, 94 (88) (in *L. m.*).
- uranoscopi* Rud., 1819a, 57, 299 (in *Uranoscopus scaber*; Nap.).—Carus, 1884, v. 1, 171.—Dies., 1851a, 198 (in *U. s.*; N.).—Duj., 1845a, 181 (in *Lophius piscatorius*).—Par., 1894a, 216.—Stoss., 1896a, 94 (88) (in *U. s.*; N.).
- urksuk* Müell., 1776a, 214; 1780, pl. 74 fig. 2.—Herbst, 1787a, 27 (in Robben).—Lühe, 1905b, 332-333 (Fabr. of Müell.=*tubifera*) (so. *Lior. gracilescens*).—Rud., 1809a, 248 (so. *L. g.*).
- urogalli* Rud., 1809a, 198 (based on Viborg, 1795, 236); 1814a, 92; 1819a, 38 (so. *vesicularis*).—Brems., 1811a, 24 (so. v.).—Dies., 1851a, 148 (so. v.).—Mol., 1861c, 290 (so. *Het.*).—[Müell., 1806a, 44, pl. 159 figs. A, 1-4 (in *Tetrao urogallus*; by Abildg.) [nv.].]
- valdemucronata* Mol., 1806e, 339 (in *Ciconia maguari*; Caiçara, Brazil).—Dies., 1861a, 667 (in *C. m.*; B.).
- variegata* Brug., 1792a, 131, 135-136 (in cheval, âne, mulet, chien, cochon, mouton).—Bosc, 1802a, 21 (so. *Sprungylus equinus*).
- variegata* Rud., 1809a, 169-170 (in *Colymbus septentrionalis*; Greifsw.). 198; 1819a, 49.—Bellingh., 1844a, 172.—Crep., 1829b, 22-29; 1844a, 131 (so. *spiculigera*).—Dies., 1851a, 158 (so. s.).—Olfers, 1816a, 64 (in *C. s.*).—Stoss., 1896a, 32 (26) (so. s.); 1898, 70.
- veligera* Rud., 1819a, 656 (in *Lepus brasiliensis*; Brazil).—Cobbold, 1879b, 319.—Dies., 1851a, 173 (in *L. b.*; B.).—Duj., 1845a, 165-166.—Hall, 1916a, 99 (to *Dermatoxys*).—Schneid., 1866a, 123.
- velocissima* (Nordm., 1832) Dies., 1851a, 204-205 (in *Acerina vulg.*, *Lucioperca sandra*, *Perca fluvi.*; by Nordm.).—Fric & Vavra, 1901, 101.—Hofer, 1904a, 296 (in *P. f.*).—Krøyt., 1838-40a, 576, 579 (in *L. s.*, *P. f.*).—Linst., 1878a, 206 (so. *Cucullanus elegans*).—Rail. & Henry, 1915, 449 (larva of *Camallanus lacustris*).—Seur., 1916, 353.—Srámek, 1901a, 101 (so. *C. e.*).
- [*ventriculi* Werner, 1782a, 19-22, pl. 8 fig. 8 (in *Homo*). Not an *Ascaris*, and doubtful if this is used as a specific name.]
- vermicularis cauda subulata* Rud., 1809a, 199 (so. *lacertæ-palustris* Rud.) (see *vermicularis c. s.*).
- vermicularis* Linn., 1758a, 648 (in *Equus*, *Homo*; Europe; 1761a, 504.—Aitken, 1872a, 177 (to *Oxyuris*).—Anacker, 1890h, 446.—Barbut, 1783a, 10, pl. 1 fig. 6.—Barry, 1818a, 383-396.—Belles, 1865a, 270-278 (convulsions).—Bellingh., 1844a, 170.—R. Bl., 1888a, 711 (to *Oxyuris*).—Bennet & Olivier, 1826, 7-8 (in *H.*).—Blumenb., 1825a, 240.—Bosc, 1802a, 36, pl. 12 fig. 1.—Braun, 1915a, 368.—Brems., 1824a, 128.—Braun, 1903a, 303; 1908a, 342.—

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vermicularis—continued.

- Brumpt, 1910a, 350; 1913a, 415.—Brug., 1791a, pl. 30 figs. 25–29; 1792a, 131, 133–134.—Burm., 1837a, 535; 1856a, 278.—Cat. RCSL, 1830, 42.—Chiaje, 1825a, 5, 70 (to *Oxyuris*).—Cast. & Chalm., 1910a, 444; 1913a, 547.—Cobbold, 1866a, 5; 1873c, 108 (of *Youatt*, so. *canis*).—Crep., 1839a, 279, 282.—Cuv., 1817a, 33.—Dies., 1851a, 144–145 (in H.).—Dungl., 1893a, 107, 463, 871.—Eiss, 1838a, 28–29.—Fabr., 1780a, 271.—Fagge & Pye-Smith, 1902a, 464.—Frayse, 1895a, 11.—Fuchet, 1819a, 10–11.—Galeb, 1878b, 286, 288.—Herbst, 1787a, 25 (in *Equus cab.*, H.).—Hergesell, 1818a, 4, 8.—Hooper, 1799b, 9, 24–30, 1 pl.—Huber, 1896a, 588.—Joy, 1835a, 504, 505, 507–508, 526, 529, 531, 538–541.—Keating, 1890, 972.—Küech., 1855a, 275.—Kühn, 1798a, 5.—Lam., 1801a, 339.—Larère, 1829a, 9.—Leidy, 1909, June 5, 1832 (2) (in Man).—Leuck., 1868a, 286; 1879a, 33; 1886d, 25.—Lunel, 1857a, 121.—Loreau, 1860a, 1–24.—Lundborg, 1817a, 8.—M'Can, 1822a, 6.—Marggraf, 1799a, 7, 9.—Meese, 1864a, 338–347.—Millard, 1885a, 117, 118–119.—Mosler & Peiper, 1894a, 224.—Müch., 1898b, 10.—Müll., 1774, 34–35; 1776a, 213; [1784a], 49; 1784a, 106.—Nordm., 1840a, 653, 662 (to *Oxyurus*).—Oken, 1815a, 202.—Olfers, 1816a, 63–64.—Oppenheim, 1900a, 186.—Owen, 1835l, 394.—Posonyi, 1820a, 12, 29.—Rans., 1856, 599.—Rathke, 1799, 67.—Rauh, 1779, 17.—Reckitt, 1880a, 604.—Roc, 1823, 2.—Rud., 1802a, 18–20, 31 (in H.); 1809a, 152–155 (in H.); 1819a, 44, 279–280 (in H.).—Schneidem., 1896, 323 (*vermikularis*).—Schneid., 1866a, 8, 30, 116, 118 (*pars so. minuta*).—Schrank, 1803, 193–194.—Simon, 1897, 225.—Slawikowski, 1819, 14.—Stiles, 1907e, 600; 1914, MM, v. 2, 291.—Szerlecki, 1874a, 37.—Valentin, 1811, 4–5.—Vauzème, 1834a, 327, 331.—Ward, 1895a, 301 (to *Oxyuris*), 330 (in H.), 342 (in *Canis fam.*); 1903, 223 (to O.).—Werner, 1782, 72.—Westwood, 1851, 645.—Wilmsen, 1821, v. 3, 14–15 (in E. C., H.).—Zwicke, 1841, 28 (in H.).—Also reported for *Simia paniscus*.
- vermicularis* of Bradshaw, 1876a, 837–839 (in mules).—Cobbold, 1876c, 839 (so. *Spiropt. megast.*, *S. microst.*, *Str. tetracanthus*); 1877b, 4 (so. *Sp. megast.*); 1879b, 382.
- vermicularis* of Achærius, 1780a, 44, 52, pl. 2 figs. 3–6 (in swimbladder of *Salmo eperlanus*).—Rud., 1802a, 31.
- vermicularis cauda subulata* Goeze, 1782a, 108 (in *Hechte* & *Lacerta palustris*; by Goeze).
- vermicularis muris* Frœl., 1791a, 99–100 (quotes Goeze, 1782a, pl. 5 fig. 2) (in mouse; by Frœl.).—Baird, 1853a, 15.—Dies., 1851a, 146 (so. *oxyura*).—Hall, 1916a, 81 (so. *Oxyuris obvelata*).—Rud., 1802a, 19 (so. *obvelata*); 1809a, 155 (so. *ob.*).
- vermicularis pollicaris* Pall., 1761a, 504 (in *paludibus*, in *intest. recto puerorum* in *intest. equorum*, in *radicibus plantarum*).
- vermikularis* Schneidem., 1896a, 323 (for *vermicularis*) (*Askaris*).
- vernicularis* Frayse, 1895a, 11 (misprint for *vermicularis*).
- versipellis* Müell., 1776a, 214; 1788b, 48, 49, pl. 74 fig. 7 (in *Gadus barbatus*; Ing.); 1784a, 105, 107 (in G. b.).—Brug., 1792a, 139–140.—Crep., 1844a, 130.—Dies., 1851a, 40 (so. *Echinor. acus*).—Fabr., 1780a, 275.—Herbst, 1787a, 27.—Lüthe, 1905b, 149, 163, 212, 334–335 (*E. gadi*).—Porta, 1905a, 171 (so. E. a.).—Rud., 1809a, 278, 282.—Westrumb, 1821a, 24.
- vescicularis* Carruccio, 1886b, 293 (misprint) (so. *Het. papillosa*).
- vesicularis* Frœl., 1791a, 85–88, pl. 3 figs. 12–14; 1802a, 48–49 (in *Phasianus colchicus*; by Frœl.).—Bellingh., 1844a, 168.—Brems., 1811, 18, 24 (s. *urogalli*).—Bourgeois, 1859a, 501–503.—Cobbold, 1858b, 165 (in *P. pictus*); 1859d, 365, pl. 63 fig. 21 (in *P. torquatus*); 1861e, 122; 1869a, 67, 68 (in *capercaillie*, fowl, gray partridge, pheasant, quail, red grouse); 1877b, 5; 1879b, 382, 440, 442 (to *Het.*), 447, fig. 74.—Crep., 1825a, 17–21; 1846a, 134.—Dav., 1877a, xci, xcix.—Dies., 1851a, 148–149 (in *Anas tadorna*, *Meleagris gallopavo*, *Nucida meleagris*, *Otis tarda*, *O. tetrax*, *P. gallus*, *P. colchicus*, *P. pictus*, *P. nycthemerus*, *Pavo cristatus*, *Perdix cinerea*, *P. coturnix*, *P. saxatilis*; *Tetrao lagopus*, *T. urogallus*, *T. bonasia*; *M. C. V.*, 170 (*pars so. inflexa*).—Duj., 1845a, 223 (to *Het.*).—Fisch., 1840a, 154.—Giebel, 1857a, 268.—Hass., 1896a, 5 (so. *Het. papillosa*); 1896b, 2 (so. H. p.).—Lam., 1816, 207–208; 1840a, 654.—Leidy, 1856b, 51.—Leuck., 1867b, 54 (to *Het.*); 1886d, 98.—Lucet, 1888a, 314.—Lüthe, 1905b, 159.—Mol., 1861c, 286 (*pars so. inflexa*), 290 (*phasiani-galli*) (to *Heteracis*).—Nordm., 1832a, 22; 1840a,

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654 (so. papillosa).—Oken, 1815a, 198–199.—Olfers, 1816a, 62.—Perronc., 1882a, 305.—Perronc. & Tomiolo, 1901, 69.—Rail., 1893a, 407 (pars so. *Het. papillosa*).—Rud., 1793a, 12–13; 1802a, 16–17; 1809a, 129–132 (in O. t., *P. colchicus*, *P. gallus*, *P. pictus*), 158, 161, 163, 168, 187, 198, 228, 242; 1814a, 89; 1819a, 38, 268 (s. *urogalli*).—Schneid., 1866a, 30, 66, 76.—Walter, 1866, 69.—Wedl, 1855, 303–304, fig. 6; 1856, 36–37, 66, pl. 1 fig. 6.—Zed., 1800a, 33 (so. *Fus. reflexa*).—Also reported for *Euplocomus melanotis*.

vespertilionis Gmel., 1790a, 3030 (in *Vespertilio auritus*; Goze, 1782a, 86).—Rud., 1809a, 118.

vinba Linst., 1877b, 179, pl. 12 fig. 8 (larva in *Abramis vinba*; Hameln); 1887d, 107 (in A. v.); 1909 (15), 55 (in A. v.).—Hofer, 1904a, 229 (in A. v.).—Stoss., 1896a, 66 (60) (in A. v.; H.).

viperæ Linst., 1902a, 217 (in *Vipera arietans*; Holub, S. Africa).—Seur., 1916, 353 (in V. a.).

visceralis Gmel., 1790a, 3031 (in *Canis fam.*; Red. An. viv. 508, pl. 8 fig. 1).—R. Bl., 1888a, 727 (so. *Eustr. gigas*).—Bennet & Olivier, 1826a, 9–10 (in cattle, horse, dog).—Braun, 1903a, 290; 1908a, 324; 1915a, 329.—Brumpt, 1910a, 472; 1913a, 534.—Cast. & Chalm., 1910a, 429; 1913a, 562.—Cuv., 1817a, 34 (so. *Str. gigas*).—Dies., 1851a, 327 (so. E. g.).—Dungl., 1893a, 107.—Duj., 1845a, 113 (so. S. g.).—Nev.-Lem., 1912a, 775.—Nordm., 1840a, 650 (so. S. g.).—Rud., 1809a, 211 (so. S. g.).—Stoss., 1899, 57 (so. S. g.).—Ward, 1895a, 302 (so. *Diocetophyme gigas*), 330 (in *Homio*), 333 (in *Bos taurus*), 339 (in *Equus cab.*), 342 (in *Canis fam.*); 1903, 220 (so. *D. renale*).

vituli Gmel., 1790a, 3032 (gregaria in *vitulorum per artem insectorum pulmonibus et tracheis, vivipara*; Goze, 1782a, 91, pl. 2 fig. 7B).—Bennet & Olivier, 1826a, 12–13 (in calves).—Brug., 1791a, 92, pl. 30 figs. 22–24.—Dies., 1851a, 316 (so. *Str. micrurus*).—Rail., 1893a, 430 (so. *Str. micrurus*).—Rans., 1911a, 125 (pars so. *vitulorum*).—Rud., 1809a, 125 (pars so. *lumbricoides*), 245 (so. *Str. vitulorum*).—Stoss., 1899, 71 (so. *Str. micrurus*).—Ward, 1895a, 333 (so. S. m.) (in *Bos taurus*).

vituli Neum., 1883a (b), 362–377 (1–20), 10 figs. (in *Bos taurus*; Europe) [not *vituli* 1790].—Campb. & Lacr., 1907, 69.—Linst., 1904, 4 (so. *vitulorum*).—Ward, 1895a, 333 (in B. t.).

vituli author not stated.—Campb. & Lacr., 1907, 69 (in *Bos taurus*).—Hut. & Mar., 1906a, 394 (in calves); 1910b, 494 (so. *lumbricoides*, teste Gasteiger) (in B. t.).—Rozsa, 1910, v. 33 (46), 543.

vitulorum Goze, 1782a, 72 (in *Bos taurus*; Europe).—Braun, 1915a, 363.—Braun & Luehe, 1909a, 151; 1910a, 164.—Fiebiger, 1912a, 297.—Geddelst, 1911a, 131 (in cattle, calves).—Huber, 1896a, 583.—Hut. & Mar., 1913b, 494, 495, 497.—Jammes & Martin, 1908, 123, 124; 1908, 208, 209.—Linst., 1904, 4.—Martin, 1913, 3, 6–18, 19, 20, 21, 27, 28, 40, 41, 43, 45, 46, 47, 48, 49, 50, 51, 52, 53, 55, 62, 63, 64–65, 68, 80, 81, 82, 83, 84, 86, 87, 89, 90, 91, 92, 94, 95, 98, 102, 106, 107, 108, 110, 111, 112, 115, 117, 118, 119, 122, 124, 127, 130, 133, 136, 141, 142, 143, 145, 146.—Neum. & Mayer, 1914a, 451.—Nev.-Lem., 1912a, 664.—Rail., 1893a, 401, fig. 264; 1915, 491; 1915, IVC, 734.—Rans., 1911a, 13, 17, 25, 121 (s. *vituli*) (in *Bos taurus*, *B. indicus*; Europe, Japan, Ceylon, W. Indies).—Sl. & Sw., 1912a, 371, 401.—Stoss., 1896a, 12–13 (6–7) (in B. t.; Europe).—Ward, 1895a, 301, fig. 59, 333 (in B. t.).—Wolfh., 1911, 77.

—, egg, development.—Jammes & Martin, 1906, v. 143 (1), 67–70; 1906, v. 143 (3), 189–190; 1906, v. 31 (9), 604–607, 607–608; 1906 (175), 671; 1907, v. 61 (39), 719–721; 1907, v. 62 (1), 15–17 (shell); 1907, v. 62 (3), 137–139; 1907, v. 32 (4), 272–273; 273–275 (shell); 275–276.

vulpis Froel., 1789a, 140–142, pl. 4 figs. 30–31 (in *Fuchs*; Europe).—Bennet & Olivier, 1826a, 10 (in wolf).—Braun, 1915a, 366.—Dies., 1851a, 182 (so. *triquetra*).—Gmel., 1790a, 3031.—Rud., 1793a, 10 (so. *canis*) (in *Canis fam.*, *C. vulpis*); 1802a, 12 (so. tr.); 1809a, 139 (so. tr.).—Schrank, 1803, 194–195.—Stoss., 1896a, 12 (8) (so. *mystax*); 1898, 67.

wedli Stoss., 1896a, 62 (56) (s. *Agamonema mulli*) (in *Mullus barbatus*; Trieste); 1898, 74.—Barbag. & Drago, 1903, 416 (in M. b.; Catania).

[*vernieri* Rud., 1793a, 11 (used in sense of *ascaris* of Werner, referring to *Lumbricus canis*); 1809a, 138 (so. *marginata*).—Dies., 1851a, 181 (so. *marg.*).—Ward, 1895a, 301 (so. *mystax*), 330 (in *Homio*), 342 (in *Canis fam.*); 1903, 223 (so. *canis*).

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- zebra* Skrz., 1916, 46–48, 121–123, pl. 3 figs. 15–16 (in zebra: Brit. E. Africa).
- zeylanica* Linst., 1907, AN, for 1901, J. 67, v. 2, 172 (for ceylanica).
- ASCARIDEA Rail. & Henry, 1915, BSPE. 271; 1915, BSPE. 452.—Hall, 1916a, 6, 39, 40, 44, 65; 1916, RMv, 518.
- ASCAROIDES Barth., 1858a, 41–48 (mt. limacis).—Stiles & Hass., 1905b, 88.
- limacis* Barth., 1858a, 41–48, pl. 5 figs. 8–15 (in limace grise: by Barth.).—Perez, 1866a, 155, 158, 159 (so. Rhabditis terricola).—Stiles & Hass., 1905b, 88.
- ASCAROPHIS Ben., 1871a, 92 (mt. morrhuae) (see also Ascaropsis).—Stiles & Hass., 1905b, 88.
- morrhua* Ben., 1871a, 92, pl. 3 fig. 11 (in Gadus morrhua; Belgium).—Stiles & Hass., 1905b, 88.
- ASCAROPS Ben., 1873b, 22 (mt. minuta); 1873c, 322–323.—Scudd., 1884a, 29.—Seur., 1916, 353.—Stiles & Hass., 1905b, 88.
- minuta* Ben., 1873b, 22, pl. 5 figs. 6–11 (in Vespertilio dasycneme; Belgium); 1873c, 322–323.—Cobbold, 1879b, 294 (in Vespertilio murinus. V. serotinus).—Linst., 1878a, 13 (to Spiropt.).—Seur., 1916, 353 (in V. d.).—Stiles & Hass., 1905b, 88.
- ASCAROPSIS Power & Sedgwick, 1880a, v. 1 (4) (unpaged) (see Ascarophis Ben., 1871a).—Stiles & Hass., 1905b, 88.
- morrhua* (Ben., 1871) Power & Sedgwick, 1880a, v. 1 (4) (unpaged) (in Gadus morrhua; by Ben.).—Nicoll, 1907a, 71, 72, 92–93, pl. 4 fig. 14–16 (in G. aeglefinus, Cottus bubalis, Hippoglossus vulg.).
- species Nicoll, 1907a, 72 (in Pleuronectes microc.; Gr. Brit.).
- ASCARUS Am. J. Vet. Med., 1912, v. 7, 28 (misprint for Ascaris).
- ASCONEMA Leuck., 1886c, 743–746 (mt. gibbosum) [not Askonema Kent, 1870, Protozoon]; 1886, 1–10 [nv.]; 1887e, 357 (renamed Atractonema).—Stiles & Hass., 1905a, 88.
- gibbosum* Leuck., 1886c, 743–746 (in body cavity, Cecidomyia pini; by Leuck.); 1887e, 356–365 (to Atractonema) (in larva, pupa, adult of C. p.; by Leuck.); 1887g, 212–213; 1887k, 402.—Stiles & Hass., 1905b, 88.
- ASCORIA Huber, 1896a, 562 (misprint for Ascaris).—Stiles & Hass., 1905b, 88.
- maritima* (Leuck., 1876) Huber, 1896a (b), 562.
- ASEARIS Brandes, 1898a, 213 (21) (misprint for Ascaris; Asearis megaloccephala).
- ASIFIA Lane, 1914, IJMR, July, 384 (tod. vasifa) (Strongyloidea).
- vasifa* Lane, 1914, July, 384–386, figs. 7–14 (in cecum of Elephas indicus; Bengal).
- Askariden.—German vernacular for Ascaridæ and for plural of Ascaris.
- Askaridosis Reinach, 1913, v. 60 (48), 2704 (for Ascaridosis).
- ASKARIDÆ Schneidem., 1896a, 305, 322 (for Ascaridæ).—Edelmann, 1914, 270; 1915, 109.
- ASKARINÆ Rail. & Henry, 1912, 256 (subf. of Ascaridæ, contains Asc., Belasc., Toxasc., Lagochilasc., Polydelphis).
- ASKARIS Humb., 1808a, 162.—Schneidem., 1896a, 305 (for Asc.).
- canikuli* Schneidem., 1896a, 322 (for Asc. caniculæ).
- kanis* Schneidem., 1896a, 314 (for Asc. canis).
- kati* Schneidem., 1896a, 322 (for Asc. cati).
- lumbricoides* (Linn., 1758) Dunkel, 1897, 1–30.—Ostertag, 1907d, 122 (in gall ducts of swine).
- ovis* (Rud., 1819) Schneidem., 1896a, 323.
- mystax* (Zed., 1800) Schneidem., 1896a, 326.
- vermikularis* Schneidem., 1896a, 323 (for vermicularis).
- ASPIDOCEPHALUS Dies., 1851a, 80, 208 (mt. scoleciformis) [not Aspidoccephalus Motasch, 1839, coleopt., for Aspiccephalus; not Aspidoccephala Burm., 1837, crust. supergeneric; not Aspidoccephali Ritg., 1828, reptile. supergeneric]; 1855, 180.—Carus, 1863, 462.—Mol., 1857a, 151; 1861c, 296.—Olss., 1869b, 487.—Stiles & Hass., 1905b, 88.
- scoleciformis* Dies., 1851a, 208 (s. Asc. didelphidis Rud.) (in Dasypus unicinctus. D. setosus. D. gilvipes, D. tricinatus. Didelphis murina. D. dom.; Brazil); 1855, 180, pl. 5 fig. 1–7.—Cobbold, 1879b, 321.—Stiles & Hass., 1905b, 88.—Also reported for Dasypus sexcinctus, D. gymnurus.

ASPIDOCEPHALUS—Continued.

- subulatus* (Mol., 1860) Drasche, 1884a, 208, pl. 12 figs. 5-7, pl. 14 fig. 12 (in *Didelphis* sp.) (apparently Molin's original material).—Linst., 1889a, 27 (in *Didelphys nudicaudata*).
- ASPIDODERA Rail. & Henry, 1912, BSPE, 257 (for *Aspidocephalus* Dies., 1851, not Motsch., 1839) (tod. *scoleciformis* Dies.); 1913 (1912), 93-98 (1-6).—Lane, 1914, 655 (g. of *Heterakinae*); 1916, IJMR, 100, 101.—Trav., 1913, 271, 303-305; 1914, v. 6 (2), 138, 139 (g. of *Het.*).
- binansata* Rail. & Henry, 1913, BMHn, 97-99 (5-6) (in *Dasybus villosus*; Mus. Hist. Nat.), 1914, 679 (in D. v.).
- fasciata* (Schneid., 1866) Trav., 1913, 306, 307-308, pl. 30 fig. 29, pl. 31 figs. 35, 37 (in *Tatus novemcinctus*, *Tolypeutes tricinctus*).—Rail. & Henry, 1914, 679 (in T. n.).
- railletii* Trav., 1913, 308-309, pl. 31 fig. 38 (pl. 30 figs. 30, 31) (in *Didelphis aurita*).
- scoleciformis* (Dies., 1851) Rail. & Henry, 1912, 257; 1914, 679 (in *Cabassus unicinctus*, *Dasybus sexcinctus*, *Tolypeutes tricinctus*).—Trav., 1913, 305, 306-307, pl. 31 figs. 32, 33, 36 (in D. s., D. villosus, D. unicinctus, *Didelphys dom.*, D. murina, *Tatus novemcinctus*, *Tolypeutes tricinctus*).
- subulata* (Mol., 1860) Rail. & Henry, 1912, 257; 1914, 679 (in *Didelphys nudicaudata*).—Trav., 1913, 305-306, 307, pl. 30 fig. 28, pl. 31 fig. 34 (in D. n.).
- ATRACTIS Duj., 1845a, 230, 233, 654 (mt, Asc. *dactyluris*) [not *Atractus* Wagl., 1828, reptile].—Linst., 1902d, 28-29; 1910, v. 53 (5), 517.—Par., 1894a, 223.—Schneid., 1866a, 29, 51, 124.—Rail. & Henry, 1916, CrSB, 115.—Stoss., 1898, 80.—Stiles & Hass., 1905b, 89.
- brevicollis* Schneid., 1866a, 120, [125] (in *Testudo graeca*) (apparently for *dactylura*, q. v.).
- cruciata* Linst., 1902d, 29-30, 32, figs. 1-5 (in *Metopoceros* (*Iguana*) *cornutus*; Haiti); 1902e, 74; 1905q, 41-42; 1910, v. 53 (5), 518 (in *Metopoceros cornutus*, H.).—Rail. & Henry, 1912, 252 (so. *opectura* Leidy).—Schuberg & Schroeder, 1904, 512, 513 (in M. (I.) c.).—Skrj., 1916, 75, 141.—Stewart, 1914, 178.
- dactylura* (Duj., 1845) Dies., 1851a, 151 (based on Duj., 1845a, 233, 654 [Asc. *dactylura*] (to Asc.)).—Drasche, 1884b, 325, 328-329, figs. 17-18 (in *Testudo graeca*; Mus. Wien).—Galli-Val., 1901c, 362 (in T. g.).—Hallez, 1886d; 1887a, 1-20, figs. 1-20.—Linst., 1883, 296; 1901, 190; 1902d, 29 (in *Chersus marginatus*, *Homopus horsfieldi*, *Podocnemis expansa*, P. *tracaxa*, T. g.); 1910, v. 53 (5), 518 (in C. m., H. h., P. e., P. t., *Rhinemys nasuta*; Europe, America).—Par., 1887, 344-345, pl. 7 fig. 42-43.—Rizzo, 1902, 32 (in T. g.).—Schneid., 1866a, 124, pl. 11 fig. 2.—Schuberg & Schroeder, 1904, 512, 513 (in T. g.).—Stewart, 1914, 177.—Stoss., 1898, 80-81.
- dactyluris* (Rud., 1819) Par., 1894a, 223 (in *Testudo graeca*; by Redi).—Rail. & Henry, 1912, 258-259 (in T. emys); 1916, CrSB, 115.—Stiles & Hass., 1905b, 89.
- dactyluris granulosa* Rail. & Henry, 1912, BSPE, 259 (in *Testudo emys*).
- fasciolata* Gendre, 1909, v. 63, xxx-xxxiii, figs. 1-6 (in *Cinixys belliana*; French Guiana).—Skrj., 1916, 75, 41.—Stewart, 1914, 178.
- hystrix* (Dies., 1851) Linst., 1910, v. 53 (5), 518 (in *Podocnemis erythroce.*; America).—Stewart, 1914, 178.
- kachuga* Stewart, 1914, RIM, 176-178, 189-190, pl. 21 figs. 44-47, pl. 22 figs. 48-49 (in *Kachuga lineata*; Lucknow).
- opectura* Leidy, 1891a (1904a), 411-412 (233) to (Asc.) (in *Cyclura baerolopha*, New Providence Isl.).—Linst., 1901, 190; 1902d, 29 (in C. b.; N. P.); 1910, v. 53 (5), 518 (in C. baerolopha; Australia).—Rail. & Henry, 1912, 252-253 (s. *cruciata*) (in *Iguana tuberculata*).—Stewart, 1914, 178.—Stiles & Hass., 1894e, 350 (cf. *subulata*).
- perarmata* Linst., 1910, CfB, v. 53 (5), 516-518, figs. 1-2 (in *Cinixys belliana*; Deutsch-Ostafrika).—Stewart, 1914, 178.
- species Linst., 1901, 190-191, pl. 8 fig. 15 (in *Metopoceros* (*Iguana*) *cornutus*; Haiti).
- subulata* Coll. Leidy in Stiles & Hass., 1894e, 350 (cf. *opectura*) (in *Cyclura baerolopha*; Coll. Leidy).

- ATRACTONEMA** Leuck., 1887b, 678-703, pl. 3 figs. 1-13 (type *gibbosum*) (*Asconema* 1887 [not *Asconema* Kent, 1870] renamed; [not *Atractonema* Stein, 1878a, protozoon]; 1887d, 95; 1887e, 357; 1887g, 212-213.—A., D., & E., 1901b, 8.—Braun, 1906a, 5.—Hempelm., 1912a, 101.—[Landacre, 1908, v. 4 (10), 435 (protozoon g. of *Astasiidae*).]—Linst., 1892g, 511.—Looss, 1892a, 87.—Shipley, 1896a (1901b), 131, 150, 152, 153.—Stiles & Hass., 1905b, 89.
- gibbosum* (Leuck., 1886) Leuck., 1887b, 678-703, pl. 3 figs. 1-13 (in *Cecidomyia pini*); 1887g, 212-213 (in C. p.).—Braun, 1895b, 9; 1906a, 5.—Hempelm., 1912a, 108.—Looss, 1892a, 85.—Mordw., 1908, v. 13 (1-2), 146.—Shipley, 1896a, 153, fig. 75.—Stiles & Hass., 1905b, 89.
- [*teres* Stein, 1878a, descr. pl. 23 figs. 35-41.—Protozoon.]
- ATYLENCHUS** Cobb, 1913, JWAS, 437 (mt., *decalineatus*).
decalineatus Cobb, 1913, 437 (on roots of *Oxycoecus macrocarpus*, in cranberry bog; New Lisbon, N. J.; Atwood Grove, Fla.).
- AUCHYLOSTOMA** Dunbar, 1904, v. 14 (1), 4 (misprint for *Anchylostoma*).
- AUCYRACANTHUS** Zool. Rec., 1898 (for 1897), v. 34, verm., 42 (misprint for *Ancyracanthus*).—Stiles & Hass., 1905b, 89.
- AULOALAIMUS** Man, 1880a, 30-31 (mt. *oxycephalus*).—Cobb, 1893b, 289-290 (41-42).—Stiles & Hass., 1905b, 89.
- crilis* Cobb, 1893b, 289-290 (40-41), pl. 37 figs. 1-4 (soil about banana plants; Fiji).
- oxycephalus* Man, 1880a, 31 (in sand; Holland).—Hoimæn. & Menz., 1915, 155-156.—Stiles & Hass., 1905b, 89.
- AUSTRONEMA** Cobb, 1914, SE, 16 (mt. *spirurum*).
spirurum Cobb, 1914, 8, 9, 16-17, 1 fig. (Cape Royds).
- AUTOPLECTUS** Criv. (1843a), 326-328; 1843, 186-189 (mt. *protognostus*; 1845, 15-23 [not *Autoplectus* Raffray, 1883, insect; see Zool. Rec., 1884 (for 1883), v. 20, Index, 2; Waterhouse, 1902, 40, gives this as *Antoplectus* (probably misprint)].—Stiles & Hass., 1905b, 89.—Waterhouse, 1902, 40 (*Antoplectus*).
- protognostus* Criv. (1843a), 326-328 (Lombardia); 1843, 186-188 (in terra argillosa; Lombardia); 1845, v. 2, 15-23 (nella terra di natura argillosa; Italy).—Assmuss, 1865, 52 (so. *Mermis albicans*).—Stiles & Hass., 1905b, 89.
- AXONOLAIMUS** Man, 1889b, 3-4 (tsd. *Anoplostoma spinosum*; 1907, 49.—Stiles & Hass., 1905b, 89.
- jiliformis* Man, 1889b, 3-4 (free; Penzance).—Southern, 1911a, 24 (Clare Isl.).—Stiles & Hass., 1905b, 89.
- impar* Savelev, 1912, 119 (Strandzone; Catharinahafen).
- limalis* Savelev, 1912, 118 (im schlammigen Sande; Catharinenhafen).
- polaris* Cobb, 1914, SE, 7, 30, 1 fig. (Bay, Cape Royds).
- spinosus* (Buetsch., 1871) Man, 1889b, 3-4 [see also de Man, 1888, 19]; 1907, 87 (Zealand).—Schneid., G., 1906, 627.—Stiles & Hass., 1905b, 89.
- BALANTIOPHORA** Dies., 1861a, 619 (subf. of *Trichosomidea*, contains *Calodium* Thominx) [not *Balantiophorus* Schewiakoff, 1889, Protozoon].—Eberth, 1863a, 44.
- BASTANIA** Zool. Rec., 1891 (for 1893), v. 30, Vermes, 56 (misprint for *Bastiania*).—Stiles & Hass., 1905b, 89.
- BASTIANA** Scudd., 1882, 37 (misprint for *Bastiania*).—Cobb, 1893a, 824 (47).—Stiles & Hass., 1905b, 89.
- australis* Cobb, 1893a, 824 (47) (in soil; N. S. W.).
- exilis* Cobb, 1914, TAMS, v. 33 (2), 72, 105-106 (38, 71-72, 98), pl. 8 fig. 23 (in fresh water; Tyne Station, Fla.).
- BASTIANIA** Man, 1876a (b), 172-174 (95-97) (mt. *gracilis*).—Oerley, 1880, 67, 138.—Stiles & Hass., 1905b, 89.—See also: *Bastiana*, *Bastania*.
- gracilis* Man, 1876a, 172-174, pl. 11 figs. 43a-c (Leiden, Middelburg, Walcheren); 1876b, 95-97, pl. 11 fig. 43a-c (Leiden); 1907, 42.—Hoimæn. & Menz., 1915, 120.—Oerley, 1880, 138, pl. 7 fig. 34.—Stiles & Hass., 1905b, 89.
- BATHMOSTOMUM** Rail. & Henry, 1909b, 170 (3) (tod. *sangeri* Cobbold = *Uncinaria os-papillatum* (g. of *Bunostomae*; 1910, 312, 315 (type *sangeri*; 1912, v. 11, 565.—Gedølst, 1911a, 125.—Lane, 1914, July, 397.—Lane, 1917, IJMR, 420, 422, 436, 437.—Nev.-Lem., 1912a, 648.

BATHMOSTOMUM—Continued.

sangeri (Cobbold, 1879 [not Aless.]) Rail. & Henry, 1909b, 170 (3) (s. *Uncinaria* os-papillatum Piana); 1910, 315.—Gedøelst, 1911a, 125, fig. 169 (in elephant; India).—Lane, 1914, July, 380.—Hut. & Mar., 1913b, 2, 508.—Nev.-Lem., 1912a, 743.—Rail., Henry, & Bauche, 1914, 130.

BATHYLAIMUS Cobb, 1894c, 409-410 (mt. australis).—Stiles & Hass., 1905b, 89. *australis* Cobb, 1894c, 409-410, figs. 9, i-iv (N. S. Wales).—Stiles & Hass., 1905b, 89.

BATHYLAIMUS Daday, 1905, v. 18 (44), 59-60 (Paraguays) (mt. maculatus) [not Bathylaimus Cobb, 1894]; 1905, Mte, v. 23, 326 (mt. maculatus).—Hoimæn. & Menz., 1915, 162.

maculatus Daday, 1905, Z, v. 18, 60-62, pl. 3 figs. 10-15 (in fresh water; Paraguay); 1905, v. 23, 326.

mirabilis Hoimæn., in Hoimæn. & Menz., 1914, ZA, 83-84, fig. 5 (Léman and Vierwaldstattersee); 1915, 162-163, pl. 5 figs. 13-14.

BATHYMERMIS Daday, 1911, Mte, v. 29, 493-494 (type ?); 1911, 519; 1913, 244, 259-260 (Mermithidae).

fuhrmanni Daday, 1911, v. 29, 494-495, pl. 3 figs. 3-9; 1911, 520-521, pl. 16 figs. 12a-g (Neuenburger-See); 1913, 223, 260-261, pl. 3 figs. 3-9 (N.-S.).

helvetica Daday, 1911, v. 29, 495-496, pl. 3 figs. 10-13, 16; 1911, 521-523, pl. 17 figs. 13a-e (Vierwaldstatter-See); 1913, 218, 219, 238, 262-263, pl. 3 figs. 10-13, 16 (V.-S.).

BELASCARIS Leiper, 1907, BMJ, June 1, 1297 (tod. *Asc. mystax* of cat) (contains also triquetra, globulus, leptopt.) [combinations not made]; 1907, DmW, 983; 1907, MR, 1043; 1907, JTVS, 444-445; 1907, JRMS, 555.—Braun, 1915a, 365.—Cast. & Chalm., 1910a, 443; 1913a, 546, 1293, 1317.—Gedøelst, 1911a, 131.—Glaue, 1910, ZA, 745, 746, 756, 757.—Nev.-Lem., 1912a, 642.—Pearse, 1913, v. 2, 29.—Rail. & Henry, 1911, 2; 1911, 13; 1911, CfB, 212.—Stiles, 1914a, 271, 288.—Stitt, 1916a, 331.—Ward, 1916, 702.

canis (Werner, 1782) Garin, 1913, 18, 20, 23-27, 28-35, 44, 48, 57, 147, 148, figs. 4-5.

cati (Schrank, 1788) Rail. & Henry, 1911, 14. —Craig, 1915, 502 (treatment).—Nev.-Lem., 1912a, 671.

crenulata (Brems., 1824) Rail. & Henry, 1911, 14 (in *Felis onca*).

marginata (Rud., 1802) Gedøelst, 1911a, 132 (in dom. dog).—Craig, 1915, 502 (treatment).—Ihle, 1916, 276, 277; 1916, 1, 2.—Nev.-Lem., 1912a, 671.—Rail., 1915, 491; 1915, IVC, 734.—Rail. & Henry, 1911, 14 [not *Toxascaris marginata* of Leiper, 1907] (in *Canis* fam.).—Ward, 1916, 702.

masculior Rail. & Henry, 1911, 14 (in *Fennecus zerda*).—Braun, 1915a, 366 (in *F. cerdo*).

mystax (Zed., 1800) Cast. & Chalm., 1910a, 443, 450, 926, 940.—Braun, 1915a, 366, figs. 315-317.—Brumpt, 1913a, 413.—Gedøelst, 1911a, 132 (in domestic cat, *Homo*).—Graham-Smith, 1913, 198, 201.—Ihle, 1916, 276, 277; 1916, 1, 2.—[Leiper, 1907, 1297].—Nev.-Lem., 1912a, 671.—Rail., 1915, 491; 1915, IVC, 734.—Rail. & Henry, 1911, 13-14 (in *Felis* dom., *F. catus*, *F. minuta*, *F. maniculata*, *F. leo*, *F. pardus*, *Homo*).—Stiles, 1914a, 288; Stiles, 1914, MM, v. 2, 288.—Ward, 1916, 702.

species Hall, 1913, PUSNM, 83 (in *Canis nebracensis*; Col.).

vulpis (Frøel., 1789) Rail. & Henry, 1911, 14 (in *Vulpes vulpes*).

BICERCA Schep., 1908f, 186 (group of *Desmoscolex*).

BOGDANOWIA Zografi, 1913, ZA, 164 (tod. *Bunonema bogdanowia*).—Menz., 1914, AN, 76.

BOLBORHYNCHUS Porta, 1906a, 236, 268, 269 (for *Echinorh. brevicollis*, *capitatus*, *pellucidus*, *porrigens*, *turbinella* [combinations not made]) (type ?); 1908, 273 (renamed *Bolbosoma*) [not *Bolbor.* Bon, 1857, Aves; not *Bolbor.* Salvadori].—Lühe, 1912, v. 1, 272.

brevicollis (Malm, 1867) Porta, 1908, 4-6, figs. 6-9 (in *Bakenoptera rostrata*).

capitatus (Linst., 1880) Porta, 1908, 3 (in *Pseudorca crassidens*).

turbinella (Dies., 1851) Porta, 1908, 3-4, 6, figs. 3-5 (in *Bakenoptera borealis*; Norway).

- BOLBOSOMA** Porta, 1908, AP, v. 12, 273 (Bolber. Porta, 1906, renamed hence same type).—Lühe, 1912, v. 1, 272.
- aurantiacum* (Risso, 1826) Porta, 1908, v. 12, 273-274 (syns. *Echinoh. annulatus*, *E. bifasciatus*, *E. pellucidus*, *E. serrani* (in *Delphinus delphis*; larva in *Aulopus filamentosus*, *Conger vulg.*, *Lepidopus caudatus*, *Merlucius vulg.*, *Mustelus levis*, *Ruvettus pretiosus*, *Regalecus glesne*, *Serranus atrarius*, *Thynnus vulg.*, *Trachypterus falx*; Mediterranean).
- brevicollis* (Malm, 1867) Porta, 1908, v. 12, 274 (in *Balanoptera rostrata*, *B. sibbaldii*; N. Atlantic).
- capitatum* (Linst., 1880) Porta, 1908, v. 12, 275-276 (in *Globicephalus svineval*, *Pseudorca crassidens*; Mediterranean).
- porrigens* (Rud., 1814) Porta, 1908, v. 12, 276 (in *Balanoptera borealis*, *B. rostrata*, *Hyperoodon rostratum*, *Megaptera boops*; N. Atlantic).
- turbidella* (Dies., 1851) Porta, 1908, v. 12, 274-275 (in *Balanoptera borealis*, *B. musculus*, *B. sibbaldii*, *Hyperoodon rostratum*; N. Atlantic).
- BRACHYCLONUS** Rail. & Henry, 1910, BSPe, v. 3, 312 (tod. *indicus*) (*Bunostominae*); 1912, AP, 565 (g. of *Bunostomae*).—Lane, 1917, IJMR, 420, 422, 436, 437.
- indicus* Rail. & Henry, 1910, 312-313 (in *Tapirus indicus*; Alfort).—Lane, 1917, 434.
- BRACHYNEMA** Cobb, 1893a, 811 (34) (mt. *obtusa*) [not *Brachynema* Fieb., 1861, hemipt.: not *Brachyneme* Schaff, 1869, lepidopt.].—Stiles & Hass., 1905b, 90.
- obtusa* Cobb, 1893a, 811 (34) (in soil: Australia).—Stiles & Hass., 1905b, 90.
- BRADYNEMA** Strassen, 1892b, 655-747 (mt. *Fil. rigida*): 1892c, 1-93.—A., D., & E., 1901b, 8.—Rail., 1916, RMv, 517.—Shipley, 1896a (1901b), 150, 151, 160.—Stiles & Hass., 1905b, 90.
- rigidum* (Sieb., 1836) Strassen, 1892b (c), 655-747 (1-93), pls. 29-33 figs. 1-98 (in *Aphodius fimetarius*; Germany): 1893a, 633-634: 1893, 330.—Fuchs, 1914, ZA, 202: 1915, ZJ, 129.—Martini, 1906a, 711.—Mordw., 1908, v. 13 (1-2), 147.—Seur., 1916, 363.—Shipley, 1896, 150, 160.
- Bronchitis:**
- verminosa* (verminous, parasitic).—Bergeon, 1905, JMVZ, v. 56, 91-94 (treatment, cattle).—Frœhner, 1915a, 738.—Milke, 1916, 129-135, pls. 1-2 (*Fil. osleri*, in dogs).—Smith, 1917, Chicago Vet. Coll. Quart. Bull., 14-15.
- BULBODACNITIS** Lane, 1916, IJMR, 95, 97 (tod. *bulbosa*).
- bulbosa* Lane, 1916, IJMR, 95-97, pl. 7 figs. 11-14, pl. 8 figs. 15-18 (in duodenum, *Caranx melampygus*; Gulf of Manaar, Ceylon).
- globosa* ([Zed., 1800] Duj., 1845) Lane, 1916, IJMR, 97.
- BUNONEMA** Jägers., 1905, Feb. 28, 557-561, 1 fig. (mt. *richtersi*).—Cobb, 1915, 101-105: 1915, JP, v. 1 (4), 200.—Hofman. & Menz., 1915, 178-179.—Menz., 1914, AN, 74.—Richters, 1905a, 46-47: 1907a, 22.—Spengel, 1905c, 46-47, 233: 1907a, 22.—Stefanski, 1914, ZA, 461-463.—Stiles & Hass., 1905b, 91.
- bogdanowi* Zograf, 1913, ZA, v. 41 (4), 162-164, figs. 1-6 (auf Heckenschwämmen; near Rusa) (type of *Bogdanowia*).—Menz., 1914, AN, 75.
- bogdanowia* Zograf, 1913, ZA, 164 (for *bogdanowi*).
- dagtylicum* Cobb, 1915, 112, fig. 2 (in rotting wood of red oak: Wash., D. C.).
- hessi* Steiner, 1914, AHP, 267, figs. 8-9 (Switz.).
- impar* Cobb, 1915, 111-112 (in rotting wood of red oak: Wash., D. C.); [1915], 101-119, 2 figs.
- inequale* Cobb, 1915, 101-111 (in rotting wood of red oak: Wash., D. C.).
- multipapillatum* Stefanski, 1914, ZA, 462-463, fig. 3 (free, dans les Sphaignes; Lac Lussy).
- penardi* Stefanski, 1914, ZA, v. 43 (10), 461-463, figs. 1-2 (free, in Sphagnum; Lac Lussy).—Steiner, 1914, AHP, 267-268, figs. 10-11 (Switz.).
- reticulatum* Richters, 1905a, 46-47, fig. 1 (Blindbachtal im Schwarzwald): 1907a, 22.—Hofman. & Menz., 1915, 179-180.—Menz., 1913, ZA, 412: 1914, AN, 32, 74-76, 77, 78, 82, 83.—Southern, 1914a, 6-7 (Co. Mayo).—Steiner, 1914, AHP, 266-267, figs. 6-7.

BUNONEMA—Continued.

richtersi Jägers., 1905, Feb. 28, ZA, 557–561, fig. 1 (‘in einem Stüeckchen Cotulä-Rasen von Kerguelen.’ Schwarzwald, etc.).—Hoiman, & Menz., 1914, AN, 74, 75, 77, 78, 83; 1915, 180.—Richters, 1905a, 46.—Steiner, 1914, AHP, 265–266, 267, 268, fig. 4 (Switz.).—Stiles & Hass., 1905b, 91.

richtersi aberrans Steiner, 1914, AHP, 266, fig. 5 (Switz.).

species Cobb, 1915, JP, 200.

BUNOSTOME Rail. & Henry, 1909b, 170 (group in Ankylostominae, contains Bunost., Necator, Bathmost.); 1910, 311 312; 1912, v. 14, 564–565 (tribe of Strongylinae, contains Bunost., Necator, Brachyclonus, Gaigeria, Eumonodontus, Bathmost., Grammoc.).—Brumpt, 1910a, 363; 1913a, 427.—F., S., & T., 1916a, 456.—Hall, 1916a, 107, 112, 119; 1916b, 518.—Lane, 1917, IJMR, 425, 426, 431, 432, 433, 434.—Nev.-Lem., 1912, 648.

BUNOSTOMINE Looss, 1911, v. 4, 213 (diag.) subf. of Agchylostomidae, contains Bunost., Necator; 1911, 202.—Cast. & Chalm., 1913a, 560 (contains Bunost., Necator, Brachyclonus, Gaigeria, Eumonodontus, Bathmost., Grammoc.).—Hall, 1916a, 112 (so. Bunostomeae); 1916b, 521.—Lane, 1917, IJMR, 435, 436.—Rail., 1915, 492; 1915, IVC, 735.

BUNOSTOMUM Rail., 1902b, 108 110 (tod. trigonocephalum Rud.=cernuus Crep.) (s. Monodontus Mol., 1861 [not Monodontus Linst.]).—Gedølst, 1911a, 124, 125.—Hall, 1916a, 112.—Lane, 1917, IJMR, 419, 422, 435.—Linst., 1906, 92.—Looss, 1911a, 200, 201, 202.—Nev.-Lem., 1912a, 648.—Rail. & Henry, 1909b, 170; 1910, 312; 1912, v. 14, 565.—Rans., 1911 (127), 27, 28 (so. Monodontus) (type trigonoc.), 124 (recognized as valid).—Stiles, 1903, 14.—Stiles & Hass., 1905b, 91.

foliatum (Cobbold, 1882) Rail., Henry & Bauche, 1914, 130.

longicirratum (Linst., 1879) Rail. & Henry, 1909b, 170; 1910, 312.—Gedølst, 1911a, 125 (in yak).—Nev.-Lem., 1912a, 743.—Lane, 1917, IJMR, 419.—Rans., 1911 (127), 34, 124.

kashinathi Lane, 1917, IJMR, v. 4, 414–418, figs. 7, 8–12 (in *Capra hircus*: India).

phlebotomum Linst., 1906, v. 43 (1), 91 (misprint for phlebotomum).

phlebotomum (Rail., 1900) Rail., 1902b, 108–109 (2–3) (s. *Str. radiatus* Rud. of Schneid., 1866a, 139, not of Gurlt, 1831) (in Zebu, *Bos taurus*: Indes anglaïses): 1908d, 351; 1915, 492; 1915, IVC, 735 (in ox, zebu) Boynton & Wharton, 1916, 351 (in B. t.; P. I.).—Gedølst, 1911a, 125 (in calf and zebu).—Lane, 1917, IJMR, 419.—Nev.-Lem., 1912a, 743.—Rail. & Henry, 1909b, 170; 1910, 312; 1913, 509.—Rans., 1911a, 31, 124.—Stiles, 1902, 189; 1903k (1), 17.

radiatum ([Rud.] of Schneid., 1866) Linst., 1906, CIB, 91–92, fig. 6, 8 (s. Bunost. phlebotomum. *Ankylost. bovis*) (in *Bos taurus*, *B. indicus*).—Fiebiger, 1912a, 290.—Rans., 1911a, 31 (so. *Monodontus phlebotomus*).—Seifert, 1910, VcSNTmp, 1–67, figs. 1–2.

trigonocephalum (Rud., 1808) Rail., 1902b, 108 (in mouton); 1915, 492; 1915, IVC, 735 (in goat, sheep).—Blgr., 1914, P, v. 7 (3), 242 (s. *Unc. cernua*) (in sheep; Birmingham, Eng.); 1915, P, 135.—Brumpt, 1910a, 364; 1913a, 427.—Cortelezzi, 1914, 48.—Craig, 1915, 498.—Fiebiger, 1912a, 289.—Gedølst, 1911a, 125 (in goat & sheep).—Hut. & Mar., 1913b, 508.—Ihle, 1917, 165, 167.—Lane, 1917, IJMR, 414–ff, pl. 32 figs. 1–5, pl. 33 fig. 6 (in sheep).—Mote, 1914, Bull, 280, 27, 28.—Nev.-Lem., 1912, P, 742.—Rail. & Henry, 1909b, 170; 1910, 312.—Rans., 1911a, 27, 30, 124.—Seur., 1913, 76.—Stiles & Hass., 1905b, 91.—Wolffh., 1911, 75.

BUSTOMEÆ Lane, 1917, IJMR, 420, 421, 422 (s. *Bustomidi*).

BUSTOMIDI Lane, 1917, IJMR, 420, 422 (s. *Bustomeæ*).

BUSTOMUM Lane, 1917, IJMR, 419, 420, 421, 422 (tod. *Bunostomum phlebotomum*).

CACULLANUS Raf., 1815a, 151 (misprint for *Cucullanus*).—Stiles & Hass., 1905b, 150.

CALODIUM Duj., 1845a, 4, 25–29 [type ? annulosum].—Bail., 1866b, 74.—Dav., 1877, ciii.—Eberth, 1863, 44.—Hall, 1916a, 33 (so. *Capillaria*).—Mol., 1858, 156; 1861c, 326; 1861, 13, 191.—Rans., 1911 (127), 117 (so. *Cap.*) (type ? annulosum).—Stiles & Hass., 1905b, 91.

alatum Mol., 1858d, 157 (in *Mustela putorius*; Padua); 1861c, 327, 329, pl. 15 fig. 9–10 (in *M. p.*, *M. foina*, *M. vulg.*); 1861, 191.—Dies., 1861a, 690 (in *M. p.*; *P.*); 1861, 279.—Stoss., 1890, 7 (to *Trichosoma*).

CALODIUM—Continued.

- annulosum* Duj., 1845a, 27 (in *Mus rattus*, *M. decumanus*; Rennes).—Hall, 1916a, 35 (to Cap.).—Mol., 1861, 192.—Rail., 1889p, 67 (to *Trichosoma*) (*Calodium*) (in *rat*, *surmulot*).—Rans., 1911 (127), 117.—Stiles & Hass., 1905b, 91.
- caudinflatum* Mol., 1858 (1859c), 302 (in *Perdix coturnix*; Padua); 1861c, 330, pl. 15 fig. 17–18; 1861, 193 (in *P. c.*; *P.*).—Dies., 1861a, 690; 1861, 279.—Shipley, 1911, 214 (so. *Trichosoma longicolle*).—Stoss., 1890, 7 (to *Trichosoma*).—
- convolutum* Fourm., 1885a, 703–705 (in intest. *Ossifraga gigantea*; by Fourm.).—Trav., 1915, 152 (to *Capillaria*).
- longifilum* Duj., 1845a, 27–28 (in *Accentor modularis*; Rennes).—Mol., 1861, 195.—Stiles & Hass., 1905b, 91.
- mucronatum* Mol., 1858d, 157 (in *Mustela foina*; Padua); 1861c, 328, 329, pl. 15 fig. 16 (in *M. f.*; *P.*); 1861, 194.—Dies., 1861a, 690; 1861, 279.—Stoss., 1890, 8 (to *Trichosoma*).
- ornatum* (Duj., 1843) Duj., 1845a, 28, pl. 1 fig. B (in *Anthus pratensis*; Rennes).—Mol., 1861, 193–194.—Stiles & Hass., 1905b, 91.
- papillosum* Polonio, 1860b, 23 (in *Mus rattus*; Padua).—Hall, 1916a, 37 (to *Capillaria*).
- plica* (Rud., 1819) Duj., 1845a, 26–27 (s. *Trichosoma plica* ? *T. canis-vulpis*) (in renard, by Valenciennes; in loup, by Rud.; in renard et chien by Bellingh., 1840, 349).—Bail., 1866b, 74.—Dies., 1861a, 689 (in *Canis vulpes*; Padua); 1861, 279.—Mol., 1858, 157; 1861c, 328–329, pl. 15 figs. 11–15 (in *C. fam.*, *C. v.*); 1861, 192–193.—Rail., 1893a, 485 (to *Trichosoma*).—Stiles & Hass., 1905b, 91.—Ward, 1895a, 342 (in *C. fam.*).
- splenæcum* Dies., 1851a, 255 for *splenæcum*, to *Trichosomum* (*Calodium*).
- splenæcum* (Duj., 1843) Duj., 1845a, 25–26, pl. 1 fig. A (in *Sorex araneus*; Rennes).—Mol., 1861, 194.—Rail., 1889p, 67 (*splenæcum*) (in *Musaraignes*).—Stiles & Hass., 1905b, 91.
- splenæcum* (Schneid., 1866) Rail., 1889p, 67 (misprint for *splenæcum*).
- tenue* Duj., 1845a, 28–29 (s. *Trichosoma columbæ*) (in *Columba dom.*; Mus. Wien).—Bail., 1866b, 74.—Mol., 1861, 192.—Rail., 1893a, 485 (so. *Trichosoma tenuissimum*).—Stiles & Hass., 1905b, 91.—Stoss., 1898, 91.
- tenuissimum* Dies., 1851a, 256 to *Trichosomum* (*Calodium*).

CALYPTONEMA Zool. Rec., 1878 (for 1876), v. 13, Verm., 18 (see *Calyptonema*).

CALYPTRONEMA Mar., 1870a, 12–13 (mt. paradoxum).—Linst., 1876, 10.—Stiles & Hass., 1905b, 91.—Villot, 1875, 456.—See *Calyptonema*.

paradoxum Mar., 1870a, 12–13, pl. A fig. 2 (marine; Endoume).—Stiles & Hass., 1905b, 91.

CAMACOLAIMUS Man, 1889b, 8 (mt. tardus).—Stiles & Hass., 1905b, 91.

tardus Man, 1889b, 8 (free; Walcheren Isl.); 1907, 87 (Zealand).—Stiles & Hass., 1905b, 91.

CAMALLANIDÆ Rail. & Henry, 1915, BSPE, 452 (contains *Camallanus*); 1916, RMv, 521.

CAMALLANUS Rail. & Henry, 1915, BSPE, 448 (tod. *elegans* Zed.=*Echinor. lacustris*); 1915, 273 (type *elegans*); 1915, v. 8 (7), 446–452.—Ward & Magath, 1917 (for 1916), JP, 58.

ancyloides Ward & Magath, 1917 (for 1916), JP, 58, figs. 4, 10–11 (in German carp; Fairport, Ia.).

confusus Rail. & Henry, 1915, 451 (s. *Cucullanus dumerilii* Linst., 1897, not Perrier, 1871) (in *Emys* sp.; Zool. Gard. Hambourg).

dumerilii (Perrier, 1871) Rail. & Henry, 1915, 450 (in *Emys picta*; Mus. Par.).

lacustris (Zøga, 1776) Rail. & Henry, 1915, 449 (s. *Cucullanus elegans*) (in *Acerina cernua*, *A. schraitzer*, *Aspro zingel*, *Aspius rapax*, *Anguilla vulg.*, *Barbus fluv.*, *Coregonus oxyrhynchus*, *Esox lucius*, *Leuciscus rutilus*, *Lota vulg.*, *Lucioperca sandra*, *Osmerus eperlanus*, *Perca fluv.*, *Salmo salar*, *Salvelinus fontinalis*, *Silurus glanis*, *Tinca vulg.*, *Trutta trutta*, *Tr. lacustris*).—Serr., 1916, 298, 342, 359 (s. *Cucul. e.*, *Oxyuris velocissima*, *Asc. v.*) (in *A. c.*, *L. s.*, *P. f.*).

læviconchus (Wedl, 1861) Rail. & Henry, 1915, 449 (in *Synodontis schali*; Egypt).

CAMALLANUS—Continued.

- melanocephalus* (Rud., 1819) Rail. & Henry, 1915, 449–450 (in *Auxis bisus*, *Pelamys sarda*, *Scomber colias*, *Thynnus thynnus*; Nap., and near Equator).
microcephalus (Duj., 1845) Rail. & Henry, 1915, 450 (in *Emys lutaria*; Europe).—Seur., 1916, 342.
nigrescens (Linst., 1906) Rail. & Henry, 1915, 450 (in *Rana hexadactyla*).
oxycephalus Ward & Magath, 1917 (for 1916), JP, 59, fig. 8 (in white bass, black crappie; Fairport, Ia.).
papillifer (Mol., 1858) Rail. & Henry, 1915, 449 (in *Acipenser sturio*; Padua).
tridentatus (Drasche, 1884) Rail. & Henry, 1915, 449 (in *Vastres cuvieri*; Brazil).
trispinosus (Leidy, 1851) Rail. & Henry, 1915, 450 (in *Chelydra serpentina*, *Emys guttata*, *E. reticulata*, *E. serrata*).
undulatus Rail. & Henry, 1915, 451 (*Cucullanus viviparus* Linst., 1906, not Bloch, 1782, renamed) (in *Damonina revesii* et Cisternon; Mus. Koenigsb.).

CAPILLARIA Zed., 1800a. 5 (tsd. virtual tautonymy, *Trichoc. capillaris*=*C. tumida*) [not *Capellaria* Gistl., 1848; not *Capillaria* Haworth, 1828, lepidopt.].—Blainv., 1824a, 518.—Brumpt, 1911, CrAS, 907, 908 (in cerf; France).—Encycl. méth., Par., 1824, v. 2, 164.—Hall, 1916a, 19, 22, 33, 34, 35, 36, 37 (type *tumida*); 1916, RMv. 517.—Lamour., 1823a, 164.—Looss, 1902, 755.—Nordm., 1840, 660 (so. *Trichosoma*).—Rail., 1815a, 151 (g. of *Filaridia*).—Rail., 1893a, 484 (so. *Trichosoma*).—Rail. & Henry, 1911, 575.—Rans., 1911a, 15, 17, 20, 111, 117, 119, 120, 121 (s. *Trichosoma*, *Trichosomum*, *Calodium*) (type *tumida*).—Rud., 1801, 57; 1819a, 13.—Schneid., 1866a, 12, 15.—Skrj., 1916, 551–552.—Stiles & Hass., 1905b, 91.—Trav., 1915, MIOC, v. 7 (2), 147 (type *anatis*).

—, see also *Trichosoma*, *Trichosomum*.

- acrophila* (Crep., 1839) Rail., 1915, RMv, 505 to (*Eucoleus*); 1915, 744 (in cat).—Trav., 1915, 154 to (*Thominx*) (in *Vulpes vulpes*).
anatis (Schränk, 1790) Trav., 1915, 147, 148 to (Cap.) (in *Anser ferus*, *Harelda glacialis*, *Merganser castor*, *M. serratus*, *Oedemia fusca*, *Querquedula circia*) (designated genotype, cf. *tumida*).
angusta (Duj., 1845) Trav., 1915, 150 to (Cap.) (in *Fringilla cælebs*).
annulosa (Duj., 1845) Hall, 1916a, 33, 35–36, 38, fig. 42 (in *Epimys norvegicus*, *E. rattus*; Europe).
anulosa (Duj., 1915, 150 to (Cap.) (in *Mus norvegicus*, *M. rattus*) (for *annulosa* Duj., 1845).
aurit. Trav., 1914, 429; 1915, 153, 160, 161, pl. 25 fig. 9 to (Cap.) (in *Didelphis aurita*).
bacillata (Eberth, 1863) Trav., 1915, 155 to (*Thominx*) (in *Mus norvegicus*).—Hall, 1916a, 33, 34–35, 37, figs. 39–41 (in *M. musculus*).
blomei Trav., 1914, 429; 1915, 156 to (*Thominx*) (s. *Trichosoma papillosum* Blome 1909) (in *Tetrao urogallus*).
bombinatoris (Linst., 1892) Trav., 1915, 158 (in *Bombinator igneus*).
bovis (Schnyder, 1906) Rans., 1911a, 15, 117, 120, 121 (in *Bos taurus*; Switz.).—Trav., 1915, 158 (in *B. t.*).
breve (Linst., 1877) Trav., 1915, 157 (in *Totanus fuscus*).
brevipes Rans., 1911a, 15, 117–119, 122, figs. 147–149 (in *Ovis aries*; U. S. A.).—Trav., 1915, MIOC, 152 (in *O. a.*).
brevispicula (Linst., 1873) Trav., 1915, 151 to (Cap.) (in *Blicca bjoerkna*, *Lota vulg.*).
caprimulgi (Rud., 1819) Trav., 1915, 158 (in *Caprimulgus europæus*).
carbonis (Rud., 1819) Trav., 1915, 158 (in *Phalacrocorax carbo*).—Skrj., 1916, 554 (in *P. c.*; Talass River).
charadrii (Rud., 1819) Trav., 1915, 158–159 (in *Aegialitis dubia*, *Himantopus himantopus*).
chrysotidis (Walter, 1866) Trav., 1915, 157 (in *Chrysotis amazonica*) [to (Cap.)].
collare (Linst., 1873) Trav., 1915, 155 to (*Thominx*) (in *Gallus dom.*).
columbæ (Rud., 1819) Trav., 1915, 159 (in *Columba livia dom.*).

CAPILLARIA.—Continued.

- contorta* (Crep., 1839) Trav., 1915, 154-155, 160, 162, pl. 25 fig. 11 to (Thominx) in *Accipiter nisus*, *Alle alle*, *Aegialitis hiaticola*, *Buteo vulg.*, *Corone corone*, *C. cornix*, *Corvus monedula*, *Erithacus rubecula*, *Larus canus*, *L. ridibundus*, *Nettion crecca*, *Pavoncella pugnax*, *Recurvirostra avocetta*, *Ruticilla tithys*, *Sterna maxima*, *Sturnus vulg.*, *Trypanocorax frugilegus*, *Vanellus vanellus*.—Skrj., 1916, 552-553, 554, pl. 8 fig. 59 in *Corvus corone*, *C. frugilegus*.
- concolata* (Fourm., 1885) Trav., 1915, 152 to (Cap.) in *Ossifraga gigantea*.
- corvi-monedulæ* C. E. V. in Baird, 1853a, 105.
- corvorum* (Rud., 1819) Trav., 1915, 159 in *Corvus monedula*, *Nucifraga caryocatactes*, *Pica pica*).
- crotali* (Rud., 1819) Trav., 1915, 159, 160 (in *Crotalus terrificus*).
- crotali-durissi* C. M. V., in Par., 1897c (d), 380 (1) (so. *Trichosoma crotali*).
- crypturi* (Rud., 1819) Trav., 1915, 159, 160 (in *Tinamus tao*).
- crysotidis* (Walter, 1866) Trav., 1915, 160 (for *chrysotidis* to (Cap.) in *Crysotis amazonica*).
- curvicauda* (Duj., 1845) Trav., 1915, 150 to (Cap.) in *Hirundo rustica*, *Micropus apus*.
- cylindrica* (Eberth, 1863) Trav., 1915, 157 (in *Buteo vulg.*).
- dispar* (Duj., 1845) Trav., 1915, 155 to (Thominx) in *Buteo vulg.*, *Falco subbuteo*.
- droumondi* Trav., 1915, 153, 160, 161, 162, pl. 25 fig. 8 to (Cap.) in *Cygnus melanocoryphus*; Zool. Gard. Rio de Janeiro).
- dubia* Trav., 1917, Bm, 149 (in *Atilla cinerea*) to (Thominx).
- dujardini* Trav., 1914, 429; 1915, 153, 160-161, pl. 24 fig. 6 to (Cap.) in *Columba livia*, *C. l. dom.*, *Zenaidura carolinensis*).
- entomelas* (Duj., 1845) Trav., 1915, 150 to (Cap.) in *Mustela foina*, *Putorius putorius*).
- erinacea* Trav., 1915, 159 (for *erinacei* Rud., 1819a) in *Erinaceus europæus*.
- exigua* (Duj., 1845) Trav., 1915, 150 to (Cap.) (in *Erinaceus europæus*).
- exile* (Duj., 1845) Trav., 1915, 151 to (Cap.) (in *Merula merula*).
- falconia* Trav., 1915, 153 (for *falconum* Rud., 1809) to (Thominx) in *Accipiter nisus*, *Buteo vulg.*, *Circus cyaneus*, *Circus pygargus*, *Milvus iclinus*).
- felis-cati* (Dies., 1851a) Rail., 1915, RMv, 511; 1915, IVC, 748, in cat.—Trav., 1915, 156 (in *Felis catus*, *F. c. dom.*).
- jilliforme* Trav., 1915, 156 to (Thominx) (for *filiformis* Linst., 1885) in *Triton alpestris*, *T. cristatus*).
- fringillæ* (Rud., 1819) Trav., 1915, 159 (in *Fringilla cœlebs*).
- fritschii* Trav., 1914, 429; 1915, 158 (s. *Trichosoma papillosum* Fritsch, 1886, nec Wedl, 1850) (in *Malapterurus electricus*).
- gracile* Trav., 1915, 154 to (Thominx) in *Merluccius escul.*, *M. vulg.* (for *gracile* Bellingh., 1840).
- hepatica* Bancroft, 1893 Trav., 1915, 158, 160, pl. 24 figs. 4-5 (in *Mus norvegicus*, *M. musculus*).
- hirundina* Trav., 1915, 159 (for *hirundinis* Rud., 1819) in *Hirundo rustica*.
- hydrochori* Trav., 1916, Bm, 314 to (Thominx) in *Hydrochoreus capibara* (Rio de Janeiro).
- incrassata* (Dies., 1851) Trav., 1915, 151 to (Cap.) (in *Sorex araneus*).
- inflata* (Rud., 1819) Trav., 1915, 148 to (Cap.) (in *Monticola cyanus*, *Turdus viscivorus*).
- leidyella* Trav., 1915, 153 to (Cap.) (s. *Trichosoma picorum* Leidy, 1856, not Rud., 1819) (in *Colaptes maximus*).
- leidy* Trav., 1914, 429; 1915, 158 (s. *Trichosoma tenuissimum* Leidy, 1891 not Rud., 1819, not Dies., 1851) (in *Mus norvegicus*).
- lemmi* (Dies., 1851) Trav., 1915, 156 (in *Microtus terrestris*).
- leporis* (Dies., 1851a) Trav., 1915, 156 in *Lepus timidus* [quotes Duj. as author, see, however, Duj., 1845a, 12, which refers to *Fil. leporis pulmonalis* Rud., 1819a, 216].

CAPILLARIA—Continued.

- lineare* (Leidy, 1856) Trav., 1915, 158 (in *Felis catus* dom.).
- linstowi* Trav., 1914, 429; 1915, 153 (s. *Trichosoma capillare* Linst., 1882, not Rud., 1809) to (Cap.) (in *Crocidura russulus*, *Talpa europæa*).
- longipes* Trav., 1915, 152 (misprint for *longipes*) to (Cap.) (in *Antilocapra americana*, *Ovis aries*).
- longecolle* Trav., 1915, 148-149 (for *longicolle* Rud., 1819) to (Cap.) (in *Chrysolophus pictus*, *Coturnix coturnix*, *Gallus dom.*, *Lagopus scoticus*, *Lyrurus tetrrix*, *Perdix perdix*, *Phasianus colchichus*, *Tetrao urogallus*).
- longevaginata* (Linst., 1879) Trav., 1915, 152 to (Cap.) (in *Alauda arvensis*).
- longifila* (Duj., 1845) Trav., 1915, 151 to (Cap.) (in *Accentor modularis*).
- longipes* Rans., 1911a, 15, 117, 119-120, 122, figs. 150-152 (in *Antilocapra americana*, *Ovis aries*: U. S. A.).
- longispicula* (Sons., 1889) Trav., 1915, 152 to (Cap.) (in *Python molurus*).
- manica* (Duj., 1845) Trav., 1915, 155 to (Thominx) (in *Fringilla cœlebs*).
- meleagris* Trav., 1915, 156 to (Thominx) (s. *Trichosoma meleagris gallopavo* Barile 1912) (in *Meleagris gallopavo*).
- mingazzinii* (Rizzo, 1902) Trav., 1915, 152 to (Cap.) (in *Tropidonotus natrix*).
- modigliani* Trav., 1915, 158 (in *Lachesis sumatranus*) (for *modiglianii* 1897).
- mucronata* (Mol., 1858) Trav., 1915, 151 to (Cap.) (in *Mustela foinea*).
- murina* Trav., 1914, 429; 1915, 153, 160, 161, pl. 26 fig. 12 to (Cap.) (in *Eumeces murina*).
- muris-musculi* (Dies., 1861) Trav., 1915, 157 (in *Mus musculus*).
- muris-sylvatici* (Dies., 1851) Trav., 1915, 157 (in *Mus sylvaticus*).
- myoxi-nitelæ* (Dies., 1851) Trav., 1915, 157 (in *Eliomys quercinus*).
- obtusiuscula* (Rud., 1819) Trav., 1915, 149 to (Cap.) (in *Grus grus*).
- ornata* (Duj., 1843) Trav., 1915, 149 to (Cap.) (in *Anthus pratensis*).
- ovopunctata* (Linst., 1873) Trav., 1915, 151 to (Cap.) (in *Sturnus vulg.*).
- pachyderma* (Linst., 1877) Trav., 1915, 155 to (Thominx) (in *Podiceps fluviatilis*).
- pachykeramota* (Wedl, 1856) Trav., 1915, 151 to (Cap.) (in *Felis tigrina*).
- papillifer* (Linst., 1877) Trav., 1915, 155 to (Thominx) (in *Chelidon urbana*, *Hirundo rustica*).
- papilligera* Rail. & Henry in Blome, 1911, RMv. 390 (*Trichosoma papillosum* Blome, not Wedl, renamed) (in *Tetrao urogallus*).
- papillosa* (Polonio, 1860) Trav., 1915, 158 (in *Mus norwegicus*).—Hall, 1916a, 33, 37 (in *Epimys rattus*: Italy).
- parile* (Kowal., 1903) Trav., 1915, 156 to (Thominx) (in *Bubo ignavus*).
- parvumspinosa* Rail. & Henry, 1911, v. 58, 575-576 (in *Rhea americana*: Paris Mus.).
- picorum* (Rud., 1819) Trav., 1915, 159 (in *Dendrocopos major*, *Gecinys canus*, *G. viridis*).
- plica* (Rud., 1819) Rail., 1915, RMv. 511; 1915, IVC, 748 (in dog).—Trav., 1915, 149 (in *Canis fam.*, *Vulpes vulpes*).
- protracta* (Duj., 1845) Trav., 1915, 157 (in *Vanellus vanellus*, Skrij., 1916, 554 (in *V. cristatus*)).
- pulmonalis* (Frœl., 1802) Rud., 1819a. Hall, 1916a, 163 (to *Synthetocaulus*).
- pusilla* Trav., 1914, [nv.]; 1915, 153 (for *pusilla*) to (Cap.) (in *Sturnira lilium*).
- pusilla* Trav., 1914, 429; 1915, 161, pl. 24 fig. 7 (in *Sturnira lilium*).
- putorii* (Rud., 1819) Trav., 1915, 159 (in *Putorius putorius*).
- ransomia* Barker & Noyes, 1915, JP, v. 1-4, 197 (in *Fiber zibethicus*: Nebraska).—Hall, 1916a, 33, 34, figs. 37, 38 (in *Ondatra zibethica*: U. S. A.).—Trav., 1915, 153 to (Cap.) (in *F. z.*).
- recurva* (Solger, 1877) Trav., 1915, 158 (in *Crocodilus americanus*).
- resecta* (Duj., 1843) Trav., 1915, 150 to (Cap.) (in *Colceus monedula*, *Garrulus glandarius*, *Nucifraga caryocatactes*, *Trypanocorax frugileus*).
- retusa* Rail., 1893 Trav., 1915, 152, 160, pl. 26 fig. 13 to (Cap.) (in *Gallus dom.*, *Numida meleagris*).

CAPILLARIA—Continued.

- rigidula* (Duj., 1845) Trav., 1915, 151 to (Cap.) (in *Accentor modularis*).
rubra (Lint., 1892) Trav., 1915, 157 (in *Spizilla socialis*).
schmidtii Hall, 1916a, 33, 36, 37–38, figs. 43–45 (for *schmidtii*) (in *Epimys norvegicus*; Germany).
schmidtii (Linst., 1874) Trav., 1915, 152 to (Cap.) (in *Mus norvegicus*).
semiteres Zed., 1803a, 61 (in *Gallus dom.*; Ing.).—Hass., 1896a, 5, 6 (so. *Trichosoma longicolle* Rud.).—Mol., 1861, 320 (so. *Trich. annulatum*).—Rud., 1809a, 84 (so. *Hamularia nodulosa*).—Stiles & Hass., 1905b, 91.
simile (Kowal., 1903) Trav., 1915, 152 to (Cap.) (in *Turdus pilaris*).
sonsinoi (Par., 1897) Trav., 1915, 158 (in *Zamenis gemonensis*).
speciosa (Ben., 1873) Trav., 1915, 151 to (Cap.) (in *Vespertilio dasycneme*, V. *daubentonii*, V. *nattereri*, *Vesperus murinus*, V. *serotinus*).
spirulosa (Linst., 1890) Trav., 1915, 156 to (Thominx) (in *Nyroca ferina*).
spirale (Mol., 1858) Trav., 1915, 157 (in *Plegadis falcinellus*).
splenacea (Dies., 1851) Trav., 1915, 149–150 to (Cap.) (in *Crocidura russulus*).
striata (Linst., 1879) Trav., 1915, 155 to (Thominx) (in *Accipiter nisus*).
strumosa (Reibisch, 1893) Trav., 1915, 156, 162, pl. 26 fig. 14 to (Thominx) (in *Gallus dom.*, *Phasianus colchicus*).
talpæ (Sieb., 1850) Trav., 1915, 157 (in *Talpa europæa*).
tenuis (Duj., 1845) Trav., 1915, 155 to (Thominx) (in *Erinaceus europæus*).
tenuissima (Rud., 1803) Trav., 1915, 153–154 to (Thominx) (in *Archibuteo lagopus*, *Asio otus*, *Bubo ignavus*, *Carine noctua*, *Glaucidium passerinum*, *Nyctale tengmalmi*, *Syrnium aluco*, *Strix flammea*).
tomentosus (Duj., 1843) Trav., 1915, 156 (in *Cyprinus* sp. ?, *Idus melanotus*, *Scardinius erythrophth.*).
totani (Linst., 1875) Trav., 1915, 155 to (Thominx) (in *Tringoides hypoleucos*).
tridens (Duj., 1845) Trav., 1915, 155 to (Thominx) (in *Eriihacus lusciniæ*).
triloba (Linst., 1875) Trav., 1915, 155 to (Thominx) (in *Vanellus vanellus*).—Skrj., 1916, 553, 554 (in V. *cristatus*; *Acuiliæ-ata*).
tritonis-cristati (Dies., 1861) Trav., 1915, 157 (in *Triton cristatus*).
tritonis-punctati (Dies., 1851) Trav., 1915, 157 (in *Triton punctatus*, *Triton tæniatus*).
tuberculata (Linst., 1914) Trav., 1915, 153 to (Cap.) (in *Acipenser ruthenus*).
tumida Zed., 1803a, 61, pl. 1 figs. 8–9 (s. *Trichoc. anatis* 1790) (in *Anas querquedula*; by Zed.).—Baird, 1853, (so. *Trichosoma brevicolle* Duj.).—Hall, 1916a, 33.—Rans., 1911a, 117 (s. T. b.).—Rud., 1809a, 86 (so. *Trichoc. capillaris*).—Stiles & Hass., 1905b, 91.
turdi (Rud., 1819) Trav., 1915, 159 (in *Geocichla mollissima*).
vanelli (Rud., 1819) Trav., 1915, 159 (in *Vanellus vanellus*).
vespertilionis (Rud., 1819) Trav., 1915, 159 (in *Vespertilio noctula*).

CAPILLARIINÆ Rail., 1915, RMv. 494 (contains Cap.); 1915, IV^c, 736.—Hall, 1916a, 19 (so. *Trichurinæ*); 1916, RMv. 518.

CAPSULARIA Zed., 1800a, 5, 7–15 (isd. tat. Asc. *capsularia*=*salaris*) [not *Capsularia* Oken, 1815, *coleopt.*].—Bischoff, 1840a, 242.—Blainv., 1824a, 513.—Crep., 1846, 166.—Criv., 1845a, 5.—Lamour., 1823a, 178.—Looss, 1902, 755.—Raf., 1815a, 151 (g. of *Filaridia*).—Rud., 1801a, 56–57.—Schneid., 1866a, 12.—Scudd., 1884a, 53.—Stiles & Hass., 1899, 103; 1905b, 92.

halecis Bischoff, 1840a, 242 (misprint for *halecis*).

halecis (Gmel., 1790) Zed., 1800a, 13–15, pl. 1 figs. 1–6; 1803a, 56.—Baird, 1853a, 7 (so. *Fil. marina*).—Bischoff, 1840a, 242 (*halecis*).—Nordm., 1840, 668 (so. *Fil. capsularia*).—Owen, 1835, 318.—Rud., 1802a, 3; 1809a, 61 (so. F. c.).—Seur., 1916, 353.—Stiles & Hass., 1905b, 92.

salaris (Gmel., 1790) Zed., 1800a, 10–12.—Dies., 1851a, 163 (so. Asc. *capsularia* Rud.).—Owen, 1835, 318.—Rud., 1802a, 27; 1809a, 179 (so. A. c.).—Seur., 1916, 353.—Stiles & Hass., 1905b, 92.

trinodosa Zed., 1803a, 55–56 (s. *salaris* 1800, Asc. *capsularia*) (in *Salmo salar*).—Baird, 1853 (so. Asc. *caps.*).—Bischoff, 1840a, 242.—Crep., 1846b, 166 (so. A.).—Dies., 1851a, 163 (so. A. c.).—Owen, 1835, 318.—Rud., 1809a, 179 (so. A. c.).

Capsulaire (French vernacular for Capsularia).—Blainv., 1824a. 513.

CARNOYA Gilson. 1898a(b). 335-369 (1-35 (mt. viticensis).—Stiles & Hass., 1905b. 92.—Rail. & Henry. 1916. CrSB. 115; 1915. CrSB. 250.

viticensis Gilson. 1898a(b). 335-369 (1-35). 1 pl. figs. 1-23 (in *Julus solomonensis*; Fiji); 1898c. 567-588; 1903a. 49-50.—Rail. & Henry. 1916. CrSB. 115.—Stiles & Hass., 1905b. 92.

CENTRORYNCHIDE Van Cleave 1916. TAMS. 227-228 (contains *Centror.* Medior.).

CENTRORHYNCHUS Lûche 1911a. 10. 41-42 (new name for *Paradoxites* Lindem. [nec Golaf]=*Chentrosoma* Porta pars) (mt. aluconis); 1912. ZJ. v. 1, 274.—Skrj., 1913. ZJ. 409.—Van Cleave. 1916. TAMS. v. 35 (4). Oct., 221-223.

aluconis (Mûell., 1780 or 1784) Lûche 1911a. 42-43. figs. 54-57 (in *Circus aeruginosus* *Haliaetus albicilla*, *Mergus albellus*; larva in *Hyla arborea*, *Tropidonotus natrix*, *Rana escul.*).—Bieler. 1914. ZA. v. 43(9). 415 (s. *Echinor. tenuicaudatus* Marotel).—Kostylew. 1914. ZA. 186.

bipartitus Soloviev. 1912. 87. 90-91. figs. 1-4 (in *Corvus frugilegus*; Turkestan).

buteonis (Schränk, 1788) Kostylew. 1914. ZA. 186.

lancea (Westrumb, 1821) Skrj., 1913. ZJ. 409-410. pl. 15 fig. 2. pl. 16 figs. 8, 9, 12 (in *Aegialites cantianus*, *Uculus canorus*, *Charadrius pluvialis*, *Eudromias morinelli*, *Himantopus himantopus*, *H. plinii*, *Oedicnemus oedicnemus*, *Pavoncella pugnax*, *Vanellus cristatus*, *V. capella*).—Kostylew. 1914. ZA. 186.

leguminosus Soloviev. 1912. 87. 91-92. figs. 5-6 (in *Corvus cornix*; Turkestan).

spinosis Van Cleave. 1916. 223-224. 230. pl. 37 figs. 1-3 (in *Herodias egretta*; by Hass.).

tumidulus (Rud., 1819) N., C., & T., 1914. 185-186. pl. 26 fig. 5 (*Chentror.*) (in *Ameiva surinamensis*, *Crotophaga ani*, *Leptodactylus ocellatus*, *Pisorhina choliba*, *Rupornis magnirostris*, *Tejus teguexim*, *Tropidurus torquatus*).

CENTROSOMA Lûche, 1912. ZJ. 273 (for *Chentrosoma*).

CEPHALACANTHUS Dies., 1853a. 34-35 (tsd. probably monacanthus) [not *Cephalacanthus* Lac., 1802. fish].—Seur. 1916. 354.—Stiles & Hass., 1905b. 92.

monacanthus Dies., 1853a. 35 (s. *Nematoideum tenebrionis-molitoris*) (in *Tenebrio molitor*; by Stein.).—Seur., 1916. 354 (larva of *Protophira muris*) (in T. m.).—Stiles & Hass., 1905b. 92.

triacanthus Dies., 1853a. 35 (s. *Nematoideum geotrupis-stercorarii*) (in *Scarabæus* (*Geotrupes*) *stercorarius*; by Stein.).—Seur. 1916. 354 (larva of *Physocephalus sexalatus*) (in G. s.).—Stiles & Hass., 1905b. 92.

CEPHALOBUS Bast., 1865c. 94. 124-125 (tsd. *persegnis*).—Aur., 1883. 5.—Bos. 1891. 8. 10.—Büetschli, 1873a. 77-80.—(obb, 1888a. 33; 1893a. 829-830 (52-53); 1893b. 288-289 (39-40); 1916 JP. v. 2. 195.—Ditlevsen, 1912. 215.—Hofmæn. 1913. 621-622.—Jägers., 1909. 6. 19-20.—Linst., 1909a. 81.—Man. 1876a. 139-140; 1876b. 62-63.—Menz., 1914. AN. 54.—Oerley, 1880. 67. 78-79; 1880. 175; 1885. v. 21 (1). 68.—Rollest., 1870a. 137.—Stefanski. 1915. ZA. 346-349. figs. 1-6.—Stiles & Hass., 1905b. 92.

aculeatus Daday. 1905. Z. v. 18. 63-64. pl. 5 figs. 1-3 (in fresh water; Paraguay); 1905. v. 23. 326-327.

alpinus Micol., 1913. SAW Wien. 115-116 (aquatic; Lunz, Mittersee, Ostalpen); 1914. ZJ. v. 36. 447-449. pl. 15-16 figs. 18a-c (in fresh water; Lunz, etc.).

appendiculatus (Schneid., 1859) Oerley, 1885. v. 21 (1). 69-72.—Linst., 1887d. 113 to (*Leptodera*).—Mordw., 1908. v. 13 (1-2). 173.

bipapillatus Stefanski. 1915. ZA. 347. figs. 1a-b (River Czarna, Pologne).

brachyuris Daday. 1908. Mte. v. 26. 16-17. fig. 18a-b; 1910. Z. v. 23. 49-50. pl. 2 figs. 25-27 (Jippe-See).

brevicaudatus Zimmermann. 1898. v. 27. 46-49. 60-64. fig. 14 (on coffee roots).—Faber. 1909. v. 23 (6-9). 218 (on roots of coffee plant.).

bursifer Man. 1876a (b). 142-144 (65-67). pl. 8 figs. 28a-g (Leiden).—Oerley, 1880a. 79, 82, 176. pl. 2 fig. 11.—Silva Araujo, 1878b. 53.

bütschlii Man. 1884a. 92 [nv.].—Hofmæn. & Menz., 1915. 164-165.—Linst., 1887d. 112-113. pl. 2 fig. 15 (in *Succinea amphibia*); 1909a. 81 (in *S. putris*).—Menz., 1913. ZA. 413; 1914. AN. 32, 54, 82, 83 (in *S. a.*).—Steiner, 1916. ZA. 348.

CEPHALOBUS—Continued.

- cephalatus* Cobb, 1901, 1115–1117, fig. 1 (on roots of Passion vine; N. S. W.).
- ciliatus* (Linst., 1877) Marcinowski, 1909, v. 7 (1), 33.—Menz., 1914, AN, 75.
- dubius* Maupas, 1900a, 555–563, pl. 23 figs. 14–16, pl. 24 figs. 1–2 (in terreau; Algeria).—Krüger, 1913, ZwZ, 118.—Menz., 1914, AN, 55.
- elongatus* Man, 1880a, 41–42 (in moist soil; Holland).—Bos, 1889, 321.—Brakenhoff, 1914, v. 22, 290–291.—Cobb, 1888a (b), 28 (68) (in fresh excreta of Weinbergschnecke).—Ditlevsen, 1912, 337–338.—Jegers., 1909, SFD, 20, fig. 24 (Europe).—Marcinowski, 1909, 41.
- emarginatus* Man, 1880a, 42 (in moist soil; Walcheren).—Jegers., 1909, SFD, 20–21, fig. 25 (Holland, Hungary).
- filicaudatus* Cobb, 1906, 165, 191–192 (about roots of diseased cane; Hawaii).
- filiformis* Man, 1880a, 42–43 (in moist soil; Holland).—Hofman., 1913, 622.—Hofman. & Menz., 1915, 164.—Menz., 1914, AN, 54.—Micol., 1914, ZJ, 446–447.
- gracilis* Oerley, 1880a (b), 79, 175 (67, 163), pl. 2 figs. 9a–b.
- hawaiiensis* Cobb, 1906, 165, 192–193 (Hilo, H. I.).
- infestans* Cobb, 1893b, 289 (40), pl. 39 figs. 1–4 (among sheath of diseased banana plants; Fiji).•
- insubricus* Steiner, 1914, AHP, 422–423, figs. 3–5 (bei Bellizona, Switz.).
- latus* Cobb, 1906, 165, 190–191 (about roots of diseased cane; Hilo, H. I.).
- lentus* Maupas, 1900a, 563–567 (in terre sablonneuse; Sud-Oranais).—Krüger, 1913, ZwZ, 118.
- loczyi* Daday, 1894, Mte, v. 12, 137–138; 1897, v. 2 (1), 101, figs. 86–88 (aquatic; Balaton); 1898, 52.—Jegers., 1909, SFD, 19 (Hungary).—Menz., 1914, AN, 54.
- longicaudatus* Büetsch., 1873a, 82–83, pl. 7 fig. 46d [Germany].—Daday, 1905, v. 23, 326.—Faber, 1909, v. 26 (6–9), 218 (in roots of coffee plants), 219.—Hewitt, 1913, 147, 149, figs. 3–5.—Oerley, 1880, 79.—Zimmermann, 1898, 49, fig. 15.
- longicollis* Daday, 1899, Mte, v. 17, 569.
- multicinctus* Cobb, 1893a, 829–830 (52–53) (about roots of sugar cane; N. S. W.).
- nanus* Man, 1880a, 39 (in moist soil; Holland).—Bos, 1891, 13.—Hofman. & Menz., 1915, 165.—Menz., 1913, ZA, 413; 1914, ZA, 32, 54, 55, 82, 83, 90.
- oxyuris* Büetsch., 1873a, 18 (misprint for oxyuris).
- oryuris* Büetsch., 1873a, 81–82, pl. 7 fig. 42, pl. 8 figs. 49a–c (in roots; Germany).—Bos, 1891, 9 (so. rigidus); 1891, 14; 1892, 553.—Marcinowski, 1909, v. 7 (1), 33.—Oerley, 1880a, 79, 80 (so. rigida Schneid.).
- oryuroides* Man, 1876a (b), 140–141 (63–64), pl. 7 figs. 26a–b (Leiden).—Bos, 1908, 66.—Micol., 1913, 11; 1914, ZJ, 445–446.—Oerley, 1880a (b), 79–80, 176 (164).—Silva Araujo, 1878b, 53.
- palustris* Daday, 1908, Mte, v. 26, 17–18, figs. 19a–b; 1910, Z, v. 23, 50–51, pl. 2 figs. 28–31 (in fresh water; Bura-Sumpf).
- persegnis* Bast., 1865c, 124–125, pl. 10 figs. 104–106 (in sheaths of leaves of wheat-stalks; Broadmoor, Berks.).—Büetsch., 1873a, 80–81, fig. 51 (in roots; Germany).—Ditlevsen, 1912a, 238, 243.—Marcinowski, 1909, v. 7 (1).—Menz., 1913, ZA, 413; 1914, AN, 54 (so. bütschlii).—Oerley, 1880a, 79, 81.—Stiles & Hass., 1905b, 92.
- rigida* (Schneid., 1866) Oerley, 1880a (b), 80–81 (68–69) (s. oxyuris).
- rigida* (Schneid., 1866) Oerley, 1885, Mtk, v. 21 (1), 68–69.—Bos, 1889, 321; 1891, 14; 1892, 553, 554.
- setosus* Cobb, 1914, TAMS, v. 33 (2), 72, 103–105 (38, 69–71) (in cranberry bog; Arlington Farm, Va.).
- similis* Cobb, 1893b, 288–289 (39–40) (on lettuce; Australia).
- species* Cobb, 1905, 194–195 (about base of diseased cane; Hawaii).
- stagnalis* Daday, 1897, v. 2 (1), 112, figs. 103–104 (free; Balaton).—Jegers., 1909, 19.—Menz., 1914, AN, 54.
- striatus* Bast., 1865c, 125, pl. 10 figs. 107–108 (about rootlets of wheat; Broadmoor, Berks.).—Büetsch., 1873a, 81, figs. 50a–c (on roots of Plantago; Germany).—Cobb, 1888a, 33.—Hewitt, 1913, 147, 148, figs. 1–2.—Man, 1876a, 141–142; 1876b, 64–65, pl. 7 figs. 27a–b (Leiden).—Marcinowski, 1909, 41.—Micol., 1914, ZJ, 444–445, pl. 15 figs. 17a–b. —Oerley, 1880a, 79, 81.—Stefanski, 1916 ZA, 368.—Stiles & Hass., 1905b, 92.

CEPHALOBUS —Continued.

subelongatus Cobb, 1914, v. 33 (2), 72, 102–103 (38, 68–69, 98), pl. 8 fig. 22 (in moss; Douglas Lake, Mich.).

uncatus Daday, 1908, Mte, v. 26, 18–19, figs. 20a–b; 1910, Z, v. 23, 51, pl. 2 figs. 32–34 (in fresh water; Jippe-See).

versilliger Man. 1880a, 43–44 (in moist soil; Holland).—Hofman. & Menz., 1915, 166.—Menz., 1913, ZA, 413; 1914, AN, 32, 55, 82, 83.—Steiner, 1914, AHP, 422.

versilliger kerguelensis Steiner, 1916, ZA, v. 46, 323, 324–325, figs. 5a–b (free; Kerguelen).

CEPHALONEMA Cobb, 1893a, 825 (48) (mt. longicauda) [not Cephalonema Stimp., date ? [ante 1884] worm].—Stiles & Hass., 1905b, 92.—[See Nanonema].

longicauda Cobb, 1893a, 825 (48), fig. 41 (about roots of sugar cane; N. S. W.).—Stiles & Hass., 1905b, 92.

CEPHALOPUS Büetsch., 1873a, 80 (misprint for Cephalobus).

CEPHALOTA Carus, 1863, v. 2, 461 (f. contains: Heterocheilus, Lecanoc., Conoc., Ancyracanthus, Elaphoc., Stenodes, Aspidoc., Cosmoc., Histioc., Disph., Cucullanus) [not Cephalota Latr., 1802, crust.; Westwood, 1840, dipt.; Cephalota Dokhtouroff, 1883].

CERATOSPIRA Schneid., 1866a, 29, 104, 108–109 (mt. vesiculosa).—R. Bl., 1886g, 612.—Rans., 1904a, 29, 30, 31.—Rail., 1916, JP, 99, 100, 101.—Stiles & Hass., 1905b, 92.

anthochara Johnst., 1912, v. 12, 111 (in Anthochara carunculata; E. Australia); 1912, PRSQ, v. 24, 80 (s. Asc. sp. Krefft, 1873, 213) (to Oxyspirura).

ophthalmica (Linst., 1898) Rans., 1904a, 4, 30–31, 47 (in Carpophaga brechleyi, Zonenas brechleyi; Bismark Archipelago).—Rail., 1916, JP, 101 (in Z. b.).

vesiculosa Schneid., 1866a, 109, 1 fig. (in Psittacus sinensis; Berl. Zool. Gard.).—Linst., 1878a, 68.—Rans., 1904a, 4, 30, 47.—Rail., 1916, JP, 101 (in Eclectus pectoralis).—Stiles & Hass., 1905b, 92.

CEYLANCYLOSTOMA Lane, 1916, IJMR, 91 (tod. ceylanicum) (subg. of Ancylostoma); 1917, IJMR, 420, 422, 431, 432.

ceylanicum (Looss, 1911) Lane, 1916, 91, to Ancylost. (Ceylanost.).

malayanum (Aless., 1905) Lane, 1916, 91, to Ancylost. (Ceylanost.).

CHABERTIA Rail. & Henry, 1909b, 169 (tod. mt. ovina); 1912, 564; 1913, 506.—Cor-telezzi, 1914, 48.—Geddelst, 1911a, 122.—Nev.-Lem., 1912a, 647.—Rans., 1911a, 14, 17, 18, 26, 35, 37.

hypostoma (Rud., 1819) Caucurte, 1911, BSHnA, v. 58, 246.

ovina (Fabr., 1794) Rail. & Henry, 1909b, 169 (s. Str. hypostomus Rud.).—Blgr., 1914, P, v. 7 (3), 242 (s. Sclerost. hypost.) (in sheep; Eng.).—Craig, 1915, 498.—Fiebiger, 1912a, 286.—Geddelst, 1911a, 122 (in goat, sheep, etc.).—Hut. & Mar., 1913b, 516.—Ihle, 1917, 165, 166, 167.—Nev.-Lem., 1912a, 726.—Rail., 1915, 492; 1915, IVC, 735.—Rans., 1911a, 14, 15, 35–38, 121, 122, 123, figs. 11–14 (s. Doch. hypost., Str. contortus pars, S. hypost., Sel. h.) (in Bos taurus, Capreolus capreolus, Capra hircus, Cervus elaphus, Dama dama, Gazella dorcas, Ovis aries, O. ammon, Oryx leucoryx, Rupicapra rupicapra; Europe, U. S. A., Africa, S. A., Asia, Australia).—Seur., 1913, 81, 87; 1914, 623.—Wolffh., 1911, 67.

species Hall, 1912, 347 (in Thomomys fossor; Colo.); 1916a, 116, 119 (so. Ransomus rodentorum).

Chælosomiden Claus, 1885a, 297.

CHÆTIA Hill, 1752a, 14, pl. 2 (pre-Linnaean for Gord. aquaticus).—Blainv., 1828, 536 (so. G. a.).—Stiles & Hass., 1905b, 92.

CHÆTIFERA Schep., 1908b, 389 (f. Nematoda) [not Chætifera, s. Echiuroidea, ord. of Gephyrei, containing Echiuridæ].

CHÆTOSOMA Clap., 1863a, 88–89 (mt. ophicephalum) [not Chætosoma Westwood 1851, coleopt.].—Hempel., 1912a, 108.—Schep., 1907a, in 132–161.—Stiles & Hass., 1905b, 92.—Villot, 1875, 454, 456, 463.

armatum (Barrois, ?) Schep., 1907a, 158.

claparedii (Metschn., ?) Chatin, 1884c, 376.—Schep., 1907a, 157–158, fig. 22 (in Bergen, Nap. & Salerno).

grønlandicum Schep., 1907a, 160 (for grønlandicum).

CHÆTOSOMA—Continued.

grønlandicum Levinsen, 1882a, 132-133.

hibernicum Southern, 1914a, 59-60, pl. 10 figs. 27a-h (Clew Bay).

longirostrum Schep., 1907a, 159-160, fig. 25 (in Bergen & Nap.); 1910, v. 79 (3).

macrocephalum Schep., 1907a, 158, fig. 23 (in Bergen & Nap.).

ophicephalum Clap., 1863a, 88-89, pl. 18 figs. 2-3 (in Seewassertümpel; St. Vaast).—Rollest., 1870a, 137.—Schep., 1907a, 157 (Bergen & St. V.).—Stiles & Hass., 1905b, 92.

spinusum Southern, 1914a, 60-61, pl. 10 figs. 28a-d (Clew Bay).

tristicochata Panceri, [nv.].—Schep., 1907a, 159, fig. 24 (in Bergen, Nap., Ischia).

CHÆTOSOMATIDÆ Schep., 1908c, 398 (includes Rhabdogaster); 1908d, 401-414 (free forms), pls. 27-28.—Southern, 1914a, 58-59.

CHAOLAIMUS Cobb, 1893a, 821 (44) (mt. pellucidus).—Stiles & Hass., 1905b, 92.

pellucidus Cobb, 1893a, 821 (44), fig. 39 (roots of sugar-cane; Australia).—Stiles & Hass., 1905b, 92.

CHAOS¹ Linn., 1767a, 1074, 1326-1327 (tat. protheus=Volvox chaos=Amœba proteus) [not Chaus Gray, 1843, mammal] (includes redivivum, protheus, ungorum, ustilago, infusorium).—Stiles & Hass., 1905b, 93.

anguillula (Müll., 1773) Blumenb., 1779a, 446-447; 1788, 520 (includes Essig-Aale, Kleister-Aale).

redivivum Linn., 1767a, 1326 (in aceto et glutine bibliopegorum).—Calkins, 1901b, 7.—Stiles, 1905e, 293.

filiforme redivivum (Linn., 1767) Roffredi, 1775a, 202.

CHARACOSTOMUM Rail., 1902b, 109, 110 (tod. longemucronatum) (s. Globocephalus Mol., 1861 [not Globicephalus Lesson, 1828, mammal], Cystoc. Rail., 1895 [not Leger, 1892]).—Gedœlst, 1911a, 124.—Linst., 1906, 92 (Charæost.).—Nev.-Lem., 1912a, 647.—Rail. & Henry, 1909b, 170; 1912, 564 (g. of Strongylinae).—R., H., & J., 1913, 264-265.—Stiles & Hass., 1905b, 93.

asmilium R., H., & J., 1913, v. 6 (4), 264-267, 1 fig. (in Cercopithecus callitrichus, C. patas; Haute-Guinée française).

longemucronatum (Mol., 1861) Rail., 1902b, 109 (in porc; Wien); 1915, 492; 1915, IVC, 734.—Aless., 1909, 474.—Gedœlst, 1911a, 124 (in dom. hog, etc.).—Hut. & Mar., 1913b, 2, 508.—Nev.-Lem., 1912a, 742.—Rail. & Henry, 1909b, 170.—Stiles & Hass., 1905b, 93.

CHARÆOSTOMUM Linst., 1906, 92 (misprint for Characost.).

CHEILOSPIRURA Dies., 1861a, 618, 683-686 (tsd. hamulosa).—Gendre, 1913, 110.—Linst., 1901c, 182-198, 2 pl.; 1903, 112-113.—Olss., 1869b, 487.—R., H., & S., 1912, 623 (type hamulosa).—Rans., 1904a, 26, 27.—Scudd., 1884a, 63.—Stiles, 1905, 93; 1907b, 37.—Stiles & Hass., 1905b, 93; 1907b, 37.—See also Cheirospirura.

capillaris (Mol., 1860) Dies., 1861a, 686 (in Sterna hirundo; M. C. V.).—Stoss., 1897b, 108 (so. Spiropt. acanthocephalica).

cephaloptera (Mol., 1860) Dies., 1861a, 686 (in Icterus croconotus, Momotus brasiliensis; Brazil).—Drasche, 1884a, 212, pl. 11 fig. 22, pl. 14 fig. 17.—Rans., 1904a, 23, 26, 27.—Stiles & Hass., 1905b, 93.—Stoss., 1897b, 124 (to Oxyspirura).

erecta (Mol., 1860) Dies., 1861a, 684 (in Thamnophilus guttatus; Brazil).—Drasche, 1884a, 211.—Stiles & Hass., 1905b, 93.—Stoss., 1897b, 108 (to Spiropt.).

hamulosa (Dies., 1851) Dies., 1861a, 685 (in Gallus gallus, Phasianus gallus; Brazil).—Drasche, 1884a, 211, pl. 12 figs. 24, 31, pl. 14 figs. 19-20.—Hass., 1896a, 5 (to Disphar.).—R., H., & S., 1912, 623, to Acuaría (Ch.).—Rans., 1912, v. 35, 555.—Stiles & Hass., 1905b, 93.—Stoss., 1891, 97 (to D.).

longestriata (Mol., 1860) Dies., 1861a, 685 (in Picus campestris, P. grammicus, P. jumana; Brazil).—Drasche, 1884a, 212, pl. 11 fig. 30-31, p. 13 pl. 14 fig. 26.—Stiles & Hass., 1905b, 93.—Stoss., 1897b, 102 (to Spiropt.).

magnilabiata (Mol., 1860) R., H., & S., 1912, CrSB, 623 to Acuaría (Ch.).

ophthalmica Linst., 1903k, 111, pl. 5 figs. 7-9 (in eye of Turnix taigor; Siam).—Rans., 1904a, 26 (to Oxyspirura).—ShIPLEY, 1903, 154.

¹ The genus is protozoan, but two nematodes have been classified in it.

CHEILOSPIRURA—Continued.

- palpebrarum* Linst., 1901c, 189, pl. 8 figs. 12–13 (in *Cebus capucinus*; Coll. Breslau); 1903k, 113 (in *C. c.*).
- posthulica* (Mol., 1860) Dies., 1861a, 683–684 (in *Tinamus tao*; Brazil).—Drasche, 1884a, 210, pl. 12 fig. 26, pl. 13 fig. 20.—Stiles & Hass., 1905b, 93.—Stoss., 1897b, 86 (to *Spiropt.*).
- quadricostata* (Mol., 1860) Dies., 1861a, 684 (in *Psittacus festivus*; Brazil).—Stiles & Hass., 1905b, 93.—Stoss., 1897b, 118 (to *Spiropt.*).
- recta* (Mol., 1860) R. H. & S., 1912, CrSB, 623 to *Acuaria* (Ch.).
- siamensis* Linst., 1903k, 112, pl. 5 fig. 10 (in *Centropus sinensis*; Siam).—Rans., 1904a, 28 (to *Oxyspirura*).—Shipley, 1903, 154.
- uncinipenis* (Mol., 1860) Dies., 1861a, 684–685 (in *Rhea americana*; Brazil).—Drasche, 1884a, 211, pl. 11 fig. 6, 15–16, pl. 13 fig. 14.—Leidy, 1891a, 412 (in *R. a.*).—Stiles & Hass., 1905b, 93.—Stoss., 1897b, 100 (to *Spiropt.*).
- rotundata* (Linst., 1907) R., H., & S., 1912, CrSB, 623 to *Acuaria* (Ch.).

CHEILOSPIRURIDÆ Oerley, 1885a, 105 (subf. of *Spiruridea*, contains *Echinocephalus*, Eust., *Nematoideum*, *Agamonema*, *Coronilla*).

CHEILOSPIRURIDEA Dies., 1861a, 37, 618 (subl., contains *Spirura*, *Hystrichis*, *Echinoceph.*, *Cheilospirura*, *Physoceph.*).—Stiles, 1907b, 37.

CHEILOSTOMI Dies., 1851a, 264, 276–279 (section of *Fil.*, contains *Dicheilostomi*, *Tricheilostomi*) [not *Cheilostomum* Dies., 1850a].—Mol., 1858, 410.—Stiles & Hass., 1905b, 93.—Stoss., 1887i (1888a), 278, 279–288 (2, 3–12) (section of *Het.*).

CHEIRACANTHIDÆ Cobbold, 1879b, 4.

CHEIRACANTHIDEA Dies., 1861a, 652 (f. contains *Cheiracanthus*).—Carus, 1863, v. 2, 460.—Wedl, 1861b, 466.

CHEIRACANTHUS Dies., 1838a, 189 [nomen nudum except for habitat] [not Ag., 1833, fish]; 1839a, 221–227 (tsd. by inclusion *robustus*); 1851a, 248.—Braun, 1895b, 212; 1903a, 248, 253, 259 (so. *Gnathost.*); 1908a, 279, 291; 1915a, 289, 302.—Brumpt, 1910a, 426.—Carus, 1863, v. 2, 460 (to *Gn.*).—Cast. & Chalm., 1910a, 406 (*Cheiranthus*); 1913a, 520.—Duj., 1845a, 286.—Crep., 1841, 82.—Goldb., 1855, 111.—Huber, 1898a, 7 (so. *Gn.*, 1889).—Kreff, 1871a, 210.—Linst., 1909a, 48, 67.—Mol., 1857a, 157.—Moniez, 1896a, 396.—Nordm., 1840, 647.—Rail., 1893a, 546 (so. *Gn.*).—St.-Joseph, 1900, 228, 229 (so. *Gn.*).—Schneidem., 1896a, 304 (*Cheiracanthus*).—Scudd., 1884a, 68.—Sl. & Sw., 1912a, 364.—Stiles & Hass., 1905b, 93 (type *robustus*).—Wallenstedt, 1847, 8.

gracilis Dies., 1838a, 189 [nomen nudum except for habitat] (in *Sudis gigas*; Brazil); 1839a, 225–227, pl. 14 figs. 8–11, pl. 17.—Crep., 1841a, 82 (*Chiracanthus*).—Duj., 1845a, 286–287 (in *S. g.*; Brazil).—Levinsen, 1890, 324.—Nordm., 1840, 647.—Stiles & Hass., 1905b, 93.

hispidus (Fedtsch., 1872) Csokor, 1882a, 4 (also *Gnathost.*), 1 pl.—Edelmann, (1902) 1903, 216 (*Cheiranthus*); 1916a, 258.—Hut. & Mar., 1910b, 479.—Levinsen, 1890a, 325.—Linst., 1883, 290; 1893b, 202–207, figs. 1–16; 1893c, 605; 1894i, 349–350 (in swine).—Rail., 1893a, 547 (to *Gn.*).—Strøse, 1892d, 554.—Ward, 1895a, 333 (in *Bos taurus*).—Also reported for *Sus scrofa dom.*

horridus Leidy, 1856b (1904a), 53 (99) (in *Alligator mississippiensis*; Ga.).—Levinsen, 1890a, 325.—Pavesi, 1881, 294.—Stiles & Hass., 1894e, 345 (in *A. m.*).

robustus Dies., 1838a, 189 [nomen nudum except for habitat] (in *Felis concolor*; Brazil); 1839a, 222–225, 226, pl. 14 figs. 1–7, pl. 16 (probable s. *Gnathost. spinigerum*).—Bail., 1866b, 75.—Büetsch., 1874b, 259.—Carus, 1863, 460.—Cobbold, 1858b, 160; 1873c, 125; 1875c, 217; 1875d, 211; 1879b, 256, 305.—Crep., 1841a, 82 (*Chiracanthus*).—Drasche, 1882, 9–10.—Duj., 1845a, 286–287 (in *F. catus*, *F. concolor*; Brazil).—Levinsen, 1890a, 324; 1890b, 182.—Linst., 1909a, 67, fig. 48 (in *Fœtorius lutreola*).—Nordm., 1840, 647 (s. ? *Gn. s.*).—Rail., 1893a, 547 (so. *Gn. s.*).—Schneid., 1866a, 99.—Stiles & Hass., 1905b, 93.—Stoss., 1898, 98.—Also reported for *F. tigris*.

siamensis Levinsen, 1890a, 323–325, pl. 7 figs. 9–14 (in *Homo*; Bangkok Siam); 1890b, 182.—Braun, 1903a, 259, 260 (to *Gnathost.*) (in *H.*; *B.*); 1908a, 292; 1915a, 303.—Brumpt, 1910a, 427; 1913a, 489.—Jeanselme & Rist, 1909, 633.—Nev.-Lem., 1902a, 125; 1908a, 505.—Moniez, 1896a, 396 (to *Gn.*).—Rail., 1893a, 548 (to *Gn.*).—Ward, 1895a, 330 (in *H.*); 1903, 210 (to *Gn.*).

CHEIRACANTHUS—Continued.

socialis Leidy, 1858c (1904a), 25 (115) (in *Mustela vison*; by Leidy, apparently Phila.).—Dies., 1861, 275.—Levinsen, 1890a, 325; 1890b, 182.—Stiles & Hass., 1894e, 345 (in *Putorius vison*).—Also reported for *Fœtorius lutreola*.

spinossissimus Shipley & Hornell, 1905b, 54, 55, figs. 12-13 (in *Myliobatis aquila*; Gulf of Manaar).

uncinatus (Mol., 1861) Shipley & Hornell, 1904a, 78, 100-102, pl. 3 figs. 41, 44-48 (in intest. of *Trygon pastinaca*, T. bruceo; Ceylon); 1905, 55 (in *Balistes mitis*, B. stellatus, *Margaritiera vulg.*).—Herdman & Hornell, 1906, 29.—Linst., 1905, 185, to (*Echinocephalus*).

CHEIRACHANTIDÆ Perrier.—St. Joseph, 1900a, 227.

CHEIRANTHUS Linst., 1893b, 202 (misprint for *Cheiracanthus*).—Cast. & Chalm., 1910a, 406.

hispidus (Fedtsch., 1872) Linst., 1893b, 202-207, 208, figs. 1-16 (in Hungarian swine; Germany).—Edelmann (1902) 1903, 216.

siamense (Levinsen, 1890) Cast. & Chalm., 1910a, 406.

CHEIRACANTHUS Schneidem., 1896a, 304 (misprint for *Cheiracanthus*).

CHEIRONCHUS Cobb, 1917n, May 8, 119 (tod. mt. vorax).

vorax Cobb, 1917n, 119, fig. 5 (in marine sand; Miami, Fla.).

CHEIROSPIRURA Drasche, 1884a, 213 (misprint for *Cheilospirura*).—Stiles & Hass., 1905b, 93.

CHENTORRHYNCHUS Neiva, Cunha, & Trav., 1914, MIOC, v. 6, 185 (for *Centrorhynchus*).

tumidulus (Rud., 1819) N., C., & T., 1914, 185-186, pl. 26 fig. 5 (in *Crotophaga ani*, *Pisorhina choliba*, *Rupornis magnirostris*; larva in *Leptodactylus ocellatus*, *Tropidurus torquatus*, *Tejus teguexim*, *Ameiva surinamensis*).

CHENTROSOMA Montic., 1905d, 11 [no sp. name cited]. Lühe, 1912, ZJ, v. 1, 272, 273 (*Centrosoma*), 274 (so. *Corynosoma*), 275.—Porta, 1906a, 268 (for species of *Echinor* not mentioned by name; "per le specie con il corpo armato anteriormente"; 1907, B, 412 (cites *Echinor impudicus* [= ? type]).

aluconis (Muell., 1780 or 1784) Porta, 1908, Az, 225, 229, 230, 234-239, pl. 9 figs. 9-11 (larva lesinif. Mol.=mirabilis Pol.) (in *Hyla arborea*, *Rana escul.*; 1913, NC, v. 1 (3), 168 (in *Astur haplochrous*, *Gaucaulus liuensis*, *Turacus buffoni*, *Corone cornix*; New Caledonia & Europe).—Lühe, 1912, ZJ, 274.

buteonis (Schrank, 1788) Porta, 1908, Az, 225, 226, 239-242, pl. 9 figs. 12-14 (in *Canis vulpes*, *Coronella girondica*, *Crocidura aranea*, *Elephis quateradiatus*, *Lacerta viridis*, *Pantherophis zea*, *Platidactylus muralis*, *Tropidonotus natrix*, *Vipera aspis*, *Zamenis atrovirens*); 1908, AdP, 270 (in Cr. a., Can. vulp., *Erinaceus auritus*; Europe, Egypt, Brazil).—Lühe, 1912, ZJ, 274.

horridum (Linst., 1898c) Porta, 1913, NC, 168-170, pl. 6 fig. 2a-e (in *Halcyon sancta*; New Caledonia).

lesiniformis (Mol., 1859h) Porta, 1908, Az, 230 (larva of *aluconis*).

mirabilis (Polonio, 1859) Porta, 1908, Az, 230 (so. *lesiniformis* Mol.).

ninnii (Stoss., 1891) Porta, 1908, 1-2, fig. 1-2 (in *Putorius vulg.*; Nap.); 1908, 270-271 (in P. v.; Italy, Trieste).—Lühe, 1912, ZJ, v. 1, 274.

zosteropsis Porta, 1913, NC, v. 1 (3), 170, pl. 6 fig. 3a-e, fig. 4 (in *Diaphoropterus nævius similinus*, *Zosterops lateralis griseonota*; New Caledonia).

CHIRACANTHUS Crep., 1841a, 82 (for *Cheiracanthus*).

CHLAMYDONEMA Noordhoek Hegt, 1910, v. 12 (1), 5-44 (mt. felineum).—Gedælst, 1911a, 130.

felineum Noordhoek Hegt, 1910, v. 12 (1), 5-44, pl. 1 figs. 1-30 (in stomach of *Felis dom.*; Batavia).—Gedælst, 1911a, 131 (in dom. cat; B.).—Nierstrasz, 1910, v. 12 (1), 45-59.

CHLAMYDONEMATIDÆ Noordhoek Hegt in Nierstrasz, 1910, v. 12 (1), 57 (contains *Chlamydonema*).

CHOANOLAIMUS Man, 1880a, 28-29 (mt. psammophilus).—Stiles & Hass., 1905b, 94.

psammophilus Man, 1880a, 29 (in sand; Holland).—Stiles & Hass., 1905b, 94.

CHONANGIUM Rail., Henry, & Bauche, 1911, BSPc, 207 (tod. epistomum) (g. of *Cylicostomeæ*).

epistomum (Piana & Stazzi, 1900) R., H., & B., 1914, 207 (in elephant).—Bigr., 1916, P, 436.—Lane, 1915, IJMR, 105-106; 1917, *ibid.*, 428.

¹See Opinion 46, International Commission on Zoological Nomenclature.

CHORDACEA Weinl., 1858a, 28 (contains Gordiacea and Mermidacea).

CHORDODES Crep., 1847b, 161-165 (mt. parasitus).—Brumpt. 1910a, 479.—Cam., 1896a, 9-10; 1896d, 117-125; 1897i, 225-229; 1897k, 387-388; 1901, v. 16, 1-2; 1902a, 1-3 (Sudan), 1902b, 1-2 (Congo); 1903, ZC, v. 10 (22-23), 786 (Congo); 1904, v. 1, 93-94 (Guatemala); 1905, AN, v. 2 (3), 46, 47 (Sudan); 1912, v. 26, 1-2 (Congo).—Gueguen, 1905, 399.—Janda, 1893a.—Linst., 1901b, in 409-428; 1904, in 484-497; 1906, v. 3 (2), in 241-248, pls. 4-5 figs. 1-26; 1906, AN, v. 1 (3), in 249-258, pls. 16-17, figs. 1-20.—Montg., 1898a, 47; 1898c, 379-384, pl. 21 figs. 1-6; 1899a, 650, 651, 652.—Pratt, 1916a, 227.—Stiles, 1907c, 56, 67, 68.—Stiles & Hass., 1905b, 94.—Villot, 1874a, 47 (subg. of Gord.), 68.

aelianus (Cam., 1894) Cam., 1897g (h), 380 (42), figs. 17-17a (Sumatra).

albibarbatus Montg., 1898c, 381-383 (Ogove River, Africa); 1898d, 493-496, pl. 29 figs. 1-6 (probably from an orthopt.; Gaboon River, W. Africa).

alpestris (Villot, 1884) Brumpt, 1913, 540 (in Homo; France).—Braun, 1915a, 373.

annandalei Cam., 1908, RIM, 113-114 (in Mantis; Chitlong, Nepal).

aurantiacus Linst., 1906, 246, pl. 5 fig. 15 (Honduras).

baeri Cam., 1896d (e), 124-125 (8-9) (Iter Caspium); 1897g, 375 (37) (so. tellinii).

balzani Cam., 1896a, 9-10 (Genoa Mus., from Bolivia); 1897g, 379-380 (41-42), figs. 20-22b (Bolivia).—Montg., 1898a, 28.

baramensis Römer, 1895a, 197-198 (in Mantis; Borneo); 1896g, 250-253, 286, pl. 14 fig. 1-1d (in Hierodula basalis; B.).—Cam., 1897g, 383 (45) (B.).

bedriugæ Cam., 1896d (e), 123-124 (7-8) (loc. unknown); 1897g, 374 (36), 418, figs. 14-14a.

betularius Linst., 1904o, 492-493, pl. 28, fig. 16 (Caspian Sea).

boulengerii Cam., 1912, v. 27, 1-2 (Bitye, Dja River, Congo).

bouvieri (Villot, 1885) Cam., 1897 [not (Villot) Römer, 1895, 797; 1896, 283]; Cam., 1897g, 384-385 (46-47), 418, figs. 22-22a (loc. Ecuador).—Montg., 1898a, 28.

bouvieri (Villot, 1885) Römer, 1895b, 797-799 (s. Gord. modiglianii) (Mus. Hamburg); 1896, 283.—Cam., 1897e, 2; 1897g, 379 (41) (so. modiglianii).

brasiliensis Janda, 1893a, 608-609, figs. 16-23 (from Brazil, Mus. Prag); 1894a, 15-18, pl. 9 figs. 21-24, pl. 10 figs. 1-8 (B.); 1894, 608 (B.).—Cam., 1897f, 2 (Jujuay, Salta); 1897g, 377 (39), 419, figs. 29-29b, 31b (Brasil Tala, S. Lorenzo, Mus. Torino).—Montg., 1898a, 28.—Römer, 1896, 285.

caledoniensis Villot, 1874a, 62-63, pl. 2 fig. 8 (in Mantis; New Caledonia), to Gord. (Chordodes).—Cam., 1897g, 381 (43) (s. Gord. tuberculatus, sumatrensis) (New Caledonia, New Olanda (in a Mantis), Sumatra).

cameronianis Montg., 1900, BB, Boston, v. 1, 95-98, figs. 1-6 (Mazatlan or Panama); 1907, 272.

capensis Cam., 1895a, 12-13 (hng; Cape of Good Hope); 1897g, 386 (48), 418, figs. 28-28a (Leiden Mus., from C. G. H.).—Linst., 1901, 418.

capillatus Linst., 1901b, 416, fig. 16 (in Rhombodera scutata; Langenburg am Nyassa-See, Africa).

claratus Linst., 1906, v. 3 (2), 246, pl. 5 fig. 16 (at Jaunde, Kamerun, German W. Africa).

compressus Römer, 1895a, 198-199 (Baramfluss, Borneo); 1896g, 253-254, 286, pl. 14 fig. 2a-d (B.).—Cam., 1897g, 383 (45) (so. baramensis Römer).

cubanensis Montg., 1898a, 52-53, figs. 118-123 (Cuba).

defilippii Rosa, 1881b, 572-574 to Gord. (Chordodes), (Tiflis, Georgia); 1881a.—Cam. 1896d (e), 123 (7); 1897g, 382 (44) (Georgia, Persia).—Römer, 1896, 282.

digitatus Linst., 1901b, 417, fig. 18 (in Tümpel; Unyika-Plateau; Konde-Land Africa).

dugesi Cam., 1904, BSzF, 73-74 (Vera-Cruz, Mex.).—Montg., 1907, 272 (V. C.).

echinatus Linst., 1901b, 417-418, fig. 19 (Langenburg, Nyassa-See, Africa).

ferox Cam., 1897g, 388 (50), 418, 419, figs. 26-26b, 49 (s. Gord. verrucosus (Baird) Cam., 1893, 215 (French Congo)).—Linst., 1901, 418.

festæ Cam., 1897e, 2 (Cuenca); 1897g, 386-387 (48-49), 419, fig. 38 (from Ecuador, Mus. Torino); 1905 v. 20 (504) 1-2.—Linst., 1906, 258 (E.).—Montg., 1898a, 28.

furnessi Montg., 1898c, 379 (in Deroplatys sp., Hierodula sp.; Borneo).

CHORDODES—Continued.

- gariazzi* Cam., 1902b, 1-2 (Belgian Congo).
gestri Cam., 1904, v. 1, 93-94 (Guatemala).—Linst., 1907, AN (for 1901), 67 J., v. 2 (3), 174.
griffinii Cam., 1898, BSzF, v. 23, 74-75 (Vera Cruz); 1904, 94.—Montg., 1907, 272 (V. C., Mex.).
giglio-tosi Cam., 1908, RIM, 114 (Purneah, N. Bengal).
gordiodes Montg., 1898a, 49-50, figs. 106-110 (S. Montana).
hamatus Römer, 1895b, 801-802, figs. 7-10 (Gaboon, Sibangafarm, W. Africa); 1896g, 288-289.—Montg., 1898a, 48.
hawkeri Cam., 1902a, 1-3 (in water: Sudan); 1908, v. 23 (580), 1-2; 1912, v. 26 (646), 1-2 (in Mantis; Grahamstown).
insidiator Cam., 1899, ArAS, 462-463 (Borneo), fig. 2.
jander Cam., 1895a, 8-9 (Timor); 1897g, 377 (39), 418, 419, figs. 16-16b, 48 (T., Mus. Leida).
kallstenii Jægers., 1897c, 1-10, 2 figs., 1 pl. figs. 1-6 (Kamerun).
liguligerus Römer, 1895b, 799-800, pl. 19 figs. 3-4 (Calcutta); 1896, 287 (C.).—Cam., 1897g, 375 (37).
madagascariensis (Cam., 1893) Cam. in Römer, 1896, 284; 1897g, 387-388 (49-50), 418, figs. 23, 23a (Madagascar).—Römer, 1896, 284.
modiglianii (Cam., 1892) Cam., 1895a, 14; 1897g, 378-379 (40-41), 418, figs. 18-18a (s. bouvieri) (Isola di Engano, Celebes; Mus. Genoa, Mus. Leida); 1914, 541.
moluccanus Römer 1896g, 254-256, 287, pl. 14 fig. 3a-c (Halmahera).—Cam., 1897g, 374 (36) (H.).—Montg., 1898a, 50.
molukkanus Römer, 1895a, 199-200, (see *moluccanus*) (from Soa Konorra, Halmahera).
montgomeryi Cam., 1901d, 1-2 (Madagascar).
montoni Shipley, 1903l, 152 (for *moutoni*) (in Mantis; Perak) (quotes Cam., 1895, 1897, 1899, and 1901).
morqani Montg., 1898a, 47-48, figs. 94-100 (Maryland); 1899a, 651 (N. A.); 1901b (1902a), 289-292, pl. 11 figs. 1-11; 1907, 272.—Stiles, 1907c, 68.
moutoni Cam., 1895d, 99-100 (China); 1897g, 387(49), 418, figs. 21, 21a (China, Mus. Paris e Torino); 1899, xxxiv, figs. 3-3a; 1903, 2.
nobilii Cam., 1901b, 1-2 (Argentine).
occidentalis Montg., 1898a, 50-52, figs. 111-117 (San Francisco & Ariz.); 1899a, 651-652; 1907, 272.—Stiles, 1907c, 68.
ornatus (Grenacher, 1868) Cam., 1897g, 382-383 (44-45) (Philippines).
parasiticus Dies., 1851a, 95 (so. Gord. chordodes (for parasitus)).
parasitus Crep., 1847b, 161-165 (in *Acanthodis glabrata*; Brazil).—Montg., 1898a, 24 (from Brazilian *Acanthoditis*), 28.—Stiles & Hass., 1905b, 94.—Villot, 1874a, 61 (so. G. c.).
pardalis (Cam., 1893) Cam., 1897g, 331 (43), 418, fig. 12 (in *Aethiomerus adelphus*; Madagascar).
paronæ Cam., 1903, BMZAc (437), 2-3 (Kota Bharu, Siam).
penicillatus Cam., 1895a, 10-11 (?Italy); 1897g, 378 (40), 418, 419, figs. 24-24a, 43 (loc. uncertain; Mus. Leida).—Linst., 1906, 246 (Brazil).
peraceæ (Cam., 1894) Cam., 1897g (lb), 385 (47) (Tucuman), 418, figs. 27-27a. —Montg., 1898a, 28.
pilosus Möbius, 1855a, 428-431, pl. 17 figs. 1-8 (in *Blabera gigantea*; Angustura) —Montg., 1898a, 25, 28.—Villot, 1874a, 62 (to Gord.).
polloneræ Cam., 1912, RIM, 215.
puerilis Mont., 1898a, 48-49, figs. 101-105b (from cockroach: Coll. Leidy); 1899a, 651 (N. A.); 1901b (1902a), 289-292, pl. 11 figs. 1-11.—Stiles, 1907c, 68.
puncticulatus Cam., 1895a, 11-12 (Sumatra); 1897g, 384-385 (46-47), 418, figs. 25-25a (S.).—Shipley, 1903l, 153.
puncticutatus Shipley, 1903l, 153 (for *puncticulatus*).
shipleyi Cam., 1899, ArAs, v. 34, 450-462 (in Mantis; Borneo), fig. 1; 1903, BMZ, Torino (437), 2.

CHORDODES—Continued.

- siamensis* Cam., 1903, (437), 1-2 (Siam); 1908, 113 (in Mantis).—Shipley, 1903l, 153 (Biserat).
- silvestri* Cam., 1895a, 7-8 (Japan, Borneo); 1897g, 380-381 (42-43), 418, figs. 19-19a (B.).—Linst., 1906, 258.
- skorikovi* Cam., 1903, v. 1, 34-35 (in Mantis: Ceylon); 1903, v. 8, 22-29; 1903, BMZAc, Torino, v. 18 (438), 1-2; 1904, v. 19 (469), 1-3 (skorikovi).
- talensis* Cam., 1897f, 2-3 (Jujuy, Salta, Bolivia); 1897g, 375 (37), 419, figs. 31-31a (B.).—Montg., 1898a, 28.
- tellinii* (Cam., 1888) Cam., 1897g, 375-377 (37-39) (Caspian region).—Par., 1901, 4.
- timorensis* Cam., 1895a, 9-10 (Timor); 1897g, 385 (47), 419, figs. 30-30a (T.).—Linst., 1906, 258.
- tuberculatus* Linst., 1901b, 417, fig. 17 (Nyassa-See, bei Langenburg).—Cam., 1902a, 2-3.
- undulatus* Linst., 1906, 257-278, pl. 17 fig. 20 (in Mantis sp.; Sydney).
- variopapillatus* Römer, 1895b, 800-801, figs. 5-6 (Bahia); 1896g, 287-288. —Mont., 1898a, 28.
- varius* (Leidy, 1851) Römer, 1896g, 279-280. —Montg., 1898a, 28, 45.
- verrucosus* (Baird, 1853) Cam., 1896a, 10.
- weberi* (Villot, 1891) Römer, 1896g, 284 (Sumatra).—Cam., 1897g, 371-372 (33-34), 418, figs. 6a, 7-7a, 12, 13a (s. *Gord. chinensis*) (S., Mus. Genoa).
- CHROMADORA** Bast., 1865c, 95, 167-170 (tsd. *vulgaris*).—Büetsch., 1873a, 70.—Cobb, 1893a, 820-821 (43-44); 1893b, 262-263 (13-14).—Hofmæn., 1913, 636.—Jægers., 1909, 6, 33.—Linst., 1901c, 182-198, 2 pl. —Oerley, 1880, 143.—Man, 1876a, 165; 1876b, 88.—Stiles & Hass., 1905b, 94.—Villot, 1875, 464.—See *Euchromadora* (type vulg.).
- alpina* (Micol., 1913) Micol., 1914, ZJ, 494-497, pl. 17-18 figs. 29a-i to (Parachromadora).
- balatonica* Daday, 1894, Mte, v. 12, 134; 1897, v. 2 (1), 95, figs. 72-73 (aquatic and in sand; Balaton).
- baltica* Schneid., 1906c, 30-33, fig. 14 (free; Gulf of Finland); 1906d, 626-627 (G. F.).—Man, 1907, 70, 238.
- bathybia* Daday, 1894, Mte, v. 12, 131-132; 1897, v. 2 (1), 91-92, figs. 65-67 (aquatic and in sand; Balaton).
- bioculata* (Schultze, 1857) Bast., 1865c, 170 (s. *Enoplus bidentatus*).—Büetsch., 1873a, 70-71, figs. 32a-d, 37a-b (on water plants; Main).—Hofmæn., 1913, 636-637.—Hofmæn & Menz., 1915, 138.—Jægers., 1909, 34-35, fig. 47.—Lauterborn, 1913, 871.—Man, 1907, v. 7, 13, 14, pl. 1 fig. 2.—Micol., 1913, 2, 7, 9, 11; 1914, ZJ, 485-488, pl. 12-13, figs. 9a-k; 1915, ZJ, 265-266.—Oerley, 1880, 143.—Schneid., 1906d, 680.—Southern, 1914, PRIA, v. 31 (Co. Mayo).—Stiles & Hass., 1905b, 94.
- bulbosa* Daday, 1894, Mte, v. 12, 133-134; 1897, v. 2 (1), 93-94, figs. 68-71 (aquatic and in sand; Balaton).—Man, 1907, v. 7, 12, 14.—Plotnikov, 1901, 245-246.
- cæca* Bast., 1865c, 169, figs. 239-241 (marine, surface mud; Falmouth).—Stiles & Hass., 1905b, 94.—Villot, 1875, 465.
- chlorophthalma* Man, 1877a, 114-115, pl. 9 fig. 18.—Schneid., 1906d, 626.—Filipjev, 1917, 249 (to Chromadorella).
- cincta* Villot, 1875, 464, 465, pl. 11 fig. 12, a, b, c (Roscoff).
- craspedota* Steiner, 1916, ZA, v. 46, 333 (marine).
- dubia* Büetsch., 1873a, 72, fig. 31 (in moss; by Büetsch.).—Jægers., 1909, 34, 36, fig. 48.—Oerley, 1880, 143.
- dubia* Linst., 1907, AN (for 1901), v. 2 (3), 172 (for *dubiosa*).
- dubiosa* Daday, 1903, Mte, 336-337; 1904, v. 19 (5), 481-482, pl. 27 figs. 4-5 (free; Przewalsk).—Linst., 1907, AN (for 1901), 171.
- erythrophthalma* Schneid., 1906c, 29-30, fig. 13a-b (free; Gulf of Finland); 1906d, 626 (G. F.).
- filiformis* Bast., 1865c, 169, pl. 13 figs. 242-244 (marine, tidepools; Falmouth).—Man, 1890b, 178-180, pl. 4 fig. 5 (St. Vaast).—Steiner, 1915, ZJ, 231, 232, 237.—Stiles & Hass., 1905b, 94.—Villot, 1875, 465.
- foreli* Hofmæn., 1913, 637, pl. 16 figs. 12-13 a-b (aquatic; lac Léman).

CHROMADORA—Continued.

- germanica* Büetsch., 1874b, 284, fig. 25a-b (Kieler Bucht).—Villot, 1875a, 466 (K.).
- inornata* Cobb, M. V., 1915, 39-41 (Maple River, Bessey Creek, Douglas Lake, Mich.).
- lacustris* (Micol., 1913) Micol., 1914, ZJ, 497-500, pl. 17 figs. 28a e to (Parachromadora).
- leberti* Zool. Rec., 1908, (for 1906), v. 43, Verm., 36 (for *lehberti*).
- lehberti* Schneid., 1906e, 680-681, figs. 1-2 (fresh water; Estland); 1908, v. 2 (1), in 1-190; 1909, 37.
- leuckarti* Man, 1876a (b), 165-167 (88-90), pl. 10 fig. 41a-d.—Brakenhoff, 1914, v. 22, 274-275.—Cobb, 1888a, 33 (to *Spilophora*).—Ditlevsen, 1912, 223.—Micol., 1914, ZJ, 491-492.—Oerley, 1880, 143.—Southern, 1914, PRIA, v. 31, 8 (Clare Isl., Co. Mayo).—Steiner, 1916, ZA, 339-340 (Tunis).
- macrolaima* (Man, 1884) Man, 1907, v. 20, 87 (free, marine; Zealand).—Steiner, 1915, 234, 235, 236.
- macrolaimoides* Steiner, 1915, ZJ, 234-237, pl. 24 figs. 23-27 (marine; Sumatra).
- meridiana* Cobb, 1914, SE, 8, 10, 22, 1 fig. (Bay; Cape Royds).
- microlaima* Man, 1889c, 199-201, pl. 6 fig. 8; 1907, 87 (marine; Zealand).
- minima* Cobb, 1893b, 262-263 (13-14), pl. 37 figs. 1-2 (in soil about roots of banana plants; Fiji); 1893a, 820-821 (43-44), fig. 38 (about roots of sugar cane; N. S. W.).
- minor* Cobb, 1898 a (b), 299, 447 (4, 55), fig. 9 (Ing.).
- mus* Cobb, 1893b, 263 (14), pl. 37 figs. 1-3 (in soil about roots of banana plants; Fiji).
- natans* Bast., 1865c, 168-169, pl. 13 figs. 236-238 (aquarium; Falmouth).—Büetsch., 1874b, 284.—Stiles & Hass., 1905b, 94.—Villot, 1875, 465.
- nudicapitata* Bast., 1865c, 168, pl. 13 figs. 230-232 (tide-pools; Falmouth).—Man, 1907, 87 (Zealand).—Southern, 1914, PRIA, v. 31, 29 (Blacksod Bay).—Stiles & Hass., 1905b, 94.—Villot, 1875, 465.
- ocellata* (Carter, 1859) Bast., 1865c, 170 (Bombay).—Stiles & Hass., 1905b, 94.
- örleyi* Man, 1881a, 139; 1907, v. 7, 12, 13.—Cobb, 1915, 41.—Ditlevsen, 1912, 223, pl. 4 figs. 35, 37.—Plotnikov, 1901, 246.—Schneid., 1906e, 680.
- papillata* Bast., 1865c, 170, pl. 13 figs. 247-248 (marine, surface mud; Falmouth).—Stiles & Hass., 1905b, 94.—Villot, 1875, 465.
- papuana* Daday, 1899, Mte, v. 17, 562.
- pæciliosoma* Man, 1893a, 96-99, pl. 6 fig. 7; 1907, v. 20, 87 (marine; Zealand); 1907, v. 7, 12.
- polaris* Cobb, 1914, SE, 8, 9, 10, 22-23 (Bay; Cape Royds).
- ratzeburgensis* Linst., 1876a, 13, figs. 32-33 (in Ratzeburger-See).—Brakenhoff, 1914, v. 22, 275.—Jägers., 1909, 33, 34, fig. 45.—Man, 1907, v. 7, 12-14, pl. 1 fig. 1.—Micol., 1914, ZJ, 488-491, pl. 11 figs. 8a-b, pl. 12 figs. 8c-k; 1915, ZJ, 266-267.
- revalensis* Zool. Rec., 1908 (for 1906), v. 43, Verm., 36 (for *revaliensis*).
- revaliensis* Schneid., 1906e, 681-683, figs. 3-5 (in fresh water; Reval in Estland); 1908, v. 2 (1), in 1-190; 1909, Feb., 37.
- sabelloides* Bast., 1865c, 169-170, pl. 13 figs. 245-246 (marine, surface-mud; Falmouth).—Stiles & Hass., 1905b, 94.—Villot, 1875, 465.
- subangensis* Steiner, 1915, ZJ, 233-234, pl. 23 figs. 18-20, pl. 24 figs. 21-22 (marine; Sumatra).
- sumatrana* Steiner, 1915, ZJ, 231-233, 234, pl. 23 figs. 12-17 (marine; Sumatra).
- tatrica* Daday, 1896, Mte, v. 14, 411-412.
- tenuis* Schneid., 1906c, 28-29, figs. 12a-b (free; Gulf of Finland); 1906d, 626. (G. F.).
- viridis* Linst., 1876a, 14, figs. 34-35 (Ratzeburger-See).—Jägers., 1909, 33, 34-35, fig. 46.
- vivipara* Man, 1907, 238-239 (Jerseke); 1907, 33, 67-70; 87, pl. 3 figs. 13a, c, e, pl. 4 figs. 13, b, d (Zealand).
- vulgaris* Bast., 1865c, 167-168, figs. 233-245 (tide-pools; Falmouth).—Stiles & Hass., 1905b, 94.—Villot, 1875, 465.

- CHROMADORIDÆ Filipjev, 1917, v. 2, 24 [nv].
- CHROMADORINI Filipjev, 1917, v. 2, 24 [nv].
- CHROMADORISSA Filipjev, 1917, Russk. zool. zhurnal, v. 2, 24-30 (mt. beklemishevi) (Chromadoridæ, Chromadorini) [nv].
- beklemishevi* Filipjev, 1917, 24-30, figs. A-G (free; Caspian Sea) [nv].
- CHROMAGASTER Cobb, 1894c, 416-419 (tsd. purpurea) [not Chromogaster Lauterborn, 1893, worm].—Stiles & Hass., 1905b, 94.—See Waterhouse, 1902, 75 (Chromogaster for Chromagaster).
- nigricans* Cobb, 1894c, 416-417 (Bay of Nap.).—Stiles & Hass., 1905b, 94.
- purpurea* Cobb, 1894c, 417-419, figs. 12, i-iv (S. Australia).—Stiles & Hass., 1905b, 94.
- CHROMOGASTER Waterhouse, 1902, 75 (for Chromagaster).—Stiles & Hass., 1905b, 94.
- CHRONOGASTER Cobb, 1913, JWAS, 443 (mt. gracilis).
- gracilis* Cobb, 1913, 443-444, fig. (Potomac River, near Wash., D. C.; Douglas Lake, Mich.); 1914, TAMS, 38.
- CIORHYNCHUS Zed., 1803a, 8 (misprint for Lior.).—Stiles & Hass., 1905b, 94.
- CIRRHOSTOMEA Dies., 1861a(b), 622 (contains Phanoglene, Enchelidium, Pontonema, Amblyura).—Schneid., 1866a, 51 (so. Enoplus).
- CISSOPHYLLUS Lane, 1914, Oct., 655 (g. of Kathlaniinæ) (for Cissophyllus).
- CISSOPHYLLUS Rail. & Henry, 1912, BSPE, 257 (tod. laverani); Lane, 1916, IJMR, 100, 101.—Trav., 1913, 272, 309-310.
- laverani* Rail. & Henry, 1912, v. 5, 253-256, 257, figs. 1-3 (in Testudo emys; faune indo-malaise); 1915, 451.—Trav., 1913, 310.
- CITELLINEMA Hall, 1916a, 123, 141 (tod. bifurcatum); 1916b, 518.
- bifurcatum* Hall, 1916a, 141-142, figs. 184-186 (in Citellus elegans; Colo.).
- CLOACINA Linst., 1898c, 286-290 (mt. dahl); 1906, CfB, 749-752, 1 pl.; 1907, HC, v. 2 (10-11), 324.—Gedöelst, 1911a, 115.—Rail. & Henry, 1912, 563; 1913, 507 (s. Zoniolaimus).—Stiles, 1907c, 53.—Stiles & Hass., 1905b, 94.—Stoss., 1899, 55, 93.
- dahl* Linst., 1898c, 286-290, pl. 22 figs. 13-20 (in Macropus browni; Ralum).—Stiles & Hass., 1905b, 94.—Stoss., 1899, 93.
- octodactyla* Linst., 1906, July 24, 750, figs. 3-4 (in Canis fam.; Landau bei Niederhochstadt, Pfalz).—Gedöelst, 1911a, 115, fig. 152 (in C. f.).—Rail. & Henry, 1912, 563.
- CLOACININE Stoss., 1899d, 55, 93 (2, 39) (subf. of Strongylidæ, contains Cloacina).—Rail. & Henry, 1909a, 85 (1); 1912, 563.
- COBBIA Man, 1907, 232-233 (mt. trefusiæformis); 1907, 33, 47.
- trefusiæformis* Man, 1907, 233 (Ierseke); 1907, 33, 47-49, 87, pl. 1 fig. 7 (Zealand).
- COBBOLDIA Leiper, 1910, PZSL, 233-251 (mt. tod. vivipara) [not Cobboldia Brauer, 1887, insect]; 1911, PZSL, 555 (renamed Cobboldina).
- vivipara* Leiper, 1910, PZSL, 235-237, figs. 27B-C (in stom., Hippopotamus; Victoria Nile).
- COBBOLDINA Leiper, 1911, PZSL, 555 (new name for Cobboldia 1910, hence type is vivipara 1910).—Rail., 1916, RMv, 520.
- COCHLUS Zed., 1803a, 45-50 [not Cochlus Humph., 1797, mollusk] (Gæzia Zed., renamed, type armatus=Cucullanus ascaroides).—Looss, 1902, 755 (=G.).—Rail., 1815a, 151 (g. of Arthrenia).—Rail. & Henry, 1915, 271, 273.—Stiles & Hass., 1905b, 94.
- armatus* Zed., 1803a, 50 (s. Cuc. ascaroides, T. cucullanus) (in ventriculo Siluri glanidis; Ing.).—Dies., 1851a, 340 (so. Nematodeum siluri-glanidis).—Rail. & Henry, 1915, 271.—Rud., 1809a, 30; 1810a, 255 (s. Prionoderma ascaroides).
- inermis* (Zed., 1800) Zed., 1803a, 50 (in Anguilla muræna; Ing.).—Nordm., 1840, 546 (so. Lior. denticulatus).—Rail. & Henry, 1915, 271.—Rud., 1809a, 30, 249 (so. L. d.).
- rhinarius* (Pilger, 1863) Rud., 1805a, 41-43 (in Stirnhaaren eines Hundes; Alfort & Wein) (s. Tænia lanceolata Chabert).
- CODIOSTOMUM Rail. & Henry, 1911, 574 (tod. struthionis).—Rail. & Henry, 1912, AdP, 565 (g. of Deletrocephalæ).
- struthionis* (Horst, 1885), Rail. & Henry, 1911, 574.

- CÆLENTERA** Burm., 1856a, 279 (group of nematodes, contains Filariaceen, Trichocephaliden, Strongyloiden).
- Cœlomyarier** Schneid., 1866a, 203 [earlier than here] (group of nematodes).
- COLEOPS** Scudd., 1884a, 74 (for Koleops).—Stiles & Hass., 1905b, 94.
- COMESOMA** Bast., 1865c, 95, 158–159 (tsd. vulgaris).—Man, 1890b, 171–172; 1907, 61, 62.—Stiles & Hass., 1905b, 95.
- profundi* Bast., 1865c, 159, pl. 13 figs. 198–200 (in mud; from Falmouth Harbor).—Büetsch., 1874b, 267, fig. 14 (in Kieler Bucht, etc.).—Stiles & Hass., 1905b, 95.
- vulgaris* Bast., 1865c, 158–159, pl. 13 figs. 195–197 (tide pools; Falmouth).—Man, 1890b, 172–174, pl. 3 fig. 2 (St. Vaast); 1907, 62, 65.—Stiles & Hass., 1905b, 95.—Villot, 1875, 465.
- CONOCEPHALIDEA** Dies., 1861a, 669 (supergeneric name based upon Conoc.) [not Conocephalidæ Burm., 1838, orthopt.].—Drasche, 1884a, 109.—Stiles & Hass., 1899, 128.
- CONOCEPHALUS** Dies., 1861a, 616, 669 (mt. typicus) [not Conocephalus Thunb., 1812, orthopt.; Zenk., 1833, crustacean; Schœnh., 1838, coleopt.; Dum., 1853, reptile].—Carus, 1863, 462.—Stiles & Hass., 1899, 102, 103, 128; 1905b, 95.
- typicus* Dies., 1861a, 669, pl. 1 figs. 1–11 (in Delphinus [delphis?]; Mus. Hafniense, Atlantic).—Carus, 1863, 462.—(Obbold, 1879, 426.—Jagers., 1894a, 450, 453.—Shipley, 1905, 98 (to Asc.).—Stiles, 1901, 181.—Stiles & Hass., 1899, 103, 127, 128, 129, 132, 161; 1905b, 95.—Also reported for Delphinus delphis.
- CONOSOMA** Lenz in Jørdens, 1802a, 30 (mt. tat. Asc. conosoma) (as nematode, is larva of a Muscidæ).—Sherborn gives Lenz as 1794.—See also Conostoma.
- CONOSTOMA** Lenz, 1794, 256 [nv.] [not Conostoma Hodgs., 1842, Aves; not Thomson, 1882, crust.] (tat. Asc. conostoma).—Rud., 1801a, 58 (see also Conosoma); 1808a, 166.
- CONTORTOSPICULUM** Skrij., 1917, P, 472, 473–475, 478–480 (tod. horrida) (Diplo-triæninæ).
- horrida* (Dies., 1851) Skrij., 1917, 475–478, pl. 18 fig. 11, pl. 19 figs. 12–13, text fig. 1 (in Otis tarda, Rhea americana, Struthio crux; Russia, etc.).
- labiata* (Crep., 1825) Skrij., 1917, 474 (in Ciconia alba, C. nigra).
- CONTRACŒCUM** Rail. & Henry, 1912, 256 (tod. spiculigerum).—Skrij., 1916, 481. species Skrij., 1916, 483 (in Mergus merganser).
- spiculigerum* (Rud., 1809) Rail. & Henry, 1912, 256.—Skrij., 1916, 482 (in Mergus merganser, Phalacrocorax carbo).
- COOPERIA** Rans., 1907k, 3–4 (tod. curticii); 1911a, 14, 17, 49, 69–71, 77, 79, 81 (type curticei).—Gedælst, 1911a, 119.—Nev.-Lem., 1912a, 646.—Rail. & Henry, 1909a, 86; 1912, 566.—Trav., 1914, 5.
- alata* Rail. & Henry, 1909a, 87–88 (in macaque; by Weinberg).
- brasiliensis* Trav., 1914, Bm, 163 (3) (in esoph., Bos taurus; Brazil).
- curticei* (Rail., 1893a) Rail. & Henry, 1909a, 87.—Gedælst, 1911a, 120, fig. 161 (in Ovis aries).—Nev.-Lem., 1912a, 717.—Rans., 1911a, 14, 70, 71–74, 77, 122, figs. 64–71 (s. Str. ventricosus, curticei, curticii) (in Capra hircus, O. a.; U. S. A., Europe?).
- curticii* (Giles, 1892) Rans., 1907k, 3 (in Ovis aries; U. S. A.); 1911a, 71 (so. curticei).—Rail. & Henry, 1909a, 87.
- oncophora* (Rail., 1898) Rans., 1907k, 3–4; 1911 (127), 14, 71, 74, 76, 77–79, 99, 121, 122, figs. 78–82 (s. Str. radiatus, ventricosus, oncophorus, curticei) (in Bos taurus, Ovis aries, O. canadensis; Europe, U. S. A.).—Blgr., 1914, P, v. 7 (3), 241, 244, 245–246, fig. 2 (s. Str. ventricosus) (in B. t., O. a.; Eng., U. S. A.); 1915, 135.—Craig, 1915, 498.—Gedælst, 1911a, 120 (in B. t.).—Hut. & Mar., 1913b, 475.—Ihle, 1917, 165, 167, 169.—Nev.-Lem., 1912a, 717.—Pillers, 1912, VR, v. 25, 305–306.—Rail. & Henry, 1909a, 87.
- pectinata* Rans., 1907k, 3–4 (Bos taurus; Texas); 1911a, 14, 71, 80, 81–82, 121, figs. 83–86 (in B. t.; T.).—Gedælst, 1911a, 120 (in B. t.; T.).—Rail. & Henry, 1909a, 87.
- punctata* (Schnyder, 1907) Rans., 1907k, 3; 1911a, 14, 70, 74–77, 82, 121, figs. 72–77 (s. Str. sp., Strongyloides bovis) (in B. t.; Europe, U. S. A., Sumatra).—Gedælst, 1911a, 120 (in B. t.).—Rail. & Henry, 1909a, 87.

CORDIUS Cam., 1897g, 407 (69) (misprint for *Gordius*).

CORONILLA Ben., 1871a, 6, 17, 18 [possibly earlier] (type? *robusta*) [not *Coronella* Laur., 1768, reptile; not *Coronella* Goldf., 1820, rotifer].—Linst., 1901c, 191–194 (so. *Spiropterina*); 1902, 220 (so. *Proleptus*).—Oerley, 1885a, 105.—Stiles & Hass., 1905b, 95.

minuta Ben., 1871a, 17, 19 [no description] (in *Raia batis*, *R. clavata*; Belgium).—Linst., 1901, 191.—Oerley, 1885a, 105.—Stiles & Hass., 1905b, 95.—Also reported for *R. rubus*.

robusta Ben., 1871a, 18, 19, pl. 3 figs. 2–7 (in *Raia circularis*, *R. clavata*; Belgium) (in *Carcinus mænas*; by MacIntosh).—Carnoy, 1886b, 53, 68, 79, 95, figs. 134–172.—Linst., 1901, 191, 193.—Oerley, 1885a, 105.—Par., 1899, 14; 1899, 98 (in *R. oculata*; Portoierajo); 1902, 15.—Seur., 1916, 354 (in *C. m.*, *Hyas aranea*, *Pagurus bernhardus*, *Portunus depurator*).—Stiles & Hass., 1905b, 95.—Stoss., 1901, 90 (2) (in *Læviraja oxyrhynchus*; Trieste).

scillicola Ben., 1871a, 6 [no description] (in *Mustelus vulg.*; apparently coast of Belgium).—Linst., 1901c, 191 (to *Spiropterina*) (in *Scyllium canicula*).—Oerley, 1885a, 105.—Stiles & Hass., 1905b, 95.

CORYNOSOMA Lûhe, 1904f, 231, 266 (tod. *strumosum*); 1905b, 342; 1911a, 10, 35–37; 1912, ZJ, v. 1, 272, 274, 275, 276, 277, 282.—Bieler, 1914, v. 43 (9) in 405–416, figs. 1–4.—Gedølst, 1911a, 137.—Porta, 1910, ZA, in 699–703, figs. 1–4.—Stiles & Hass., 1905b, 95.

bullosum (Linst., 1892) Rail. & Henry, 1907, 11 (in *Cystophora proboscidea*).—Porta, 1908, 271 (in *Macrorhinus leoninus*; S. Georgia).

hamanni (Linst., 1892) Rail. & Henry, 1907, 11, 13 (in *Stenorhynchus leptonyx*).—Leiper & Atkinson, 1915, 30–31, pl. 2 figs. 11–12 (in Crab eating seal, Sea leopard, *Trematomus bernacchii*, Weddell's seal).—Porta, 1908, AdP, v. 12, 272–273 (s. *antarcticus* Rennie, 1906) (in *Ogmorhinus leptonyx*, *O. weddelli*; S. Georgia, Scotland, S. Orkneys).

hystrix (Brems., 1819) Porta, 1908, 225, 230–232, pl. 9 fig. 7 (in *Merganser serrator* *M. castor*, *Phalacrocorax carbo*, *P. auritus*, *P. bicristatus*, *P. graculus*, *Plotus anHINGA*, *Podiceps griseigena*, *Rana escul.*).—Weiss, 1914, v. 6, 120–122, figs. 1–8.

hystrix tunitæ Weiss, 1914, v. 6 (5), 120–122, 2 figs., figs. 1–6 (in *Sula bassana*; Île de Djerba).

marchii Porta, 1910, v. 35 (22), 702–703, figs. 4a–e (in *Cinclus aquaticus*; Firenze).

reductum (Linst., 1905) Rail. & Henry, 1907, 11, 13 (in *Phoca foetida*).

semerme (Forsell, 1904) Lûhe, 1911a, 3, 7, 37, 39–40, figs. 50–53 (larva in *Acerina cernua*, *Cottus quadricornis*, *Clupea harengus membras*, *Osmerus eperlanus*, *Pleuronectes flesus*, *Rhombus maximus*; adult in *Colymbus*, *Halichærus gryphus*, *Mergus*, *Nyroca hyemalis*, *Otaria jubata*, *Phalacrocorax carbo*, *Phoca hispida*, *P. vitulina*, *Phocæna phocæna*, *Putorius foetorius*, *Rana escul.*, *Spheniscus demersus*); 1912, ZJ, v. 1, 276.—Bieler, 1914, ZA, 409–411 (in *H. g.*).—Weiss, 1914, 120, 121.

sipho Rail. & Henry, 1907b, 3, 4, 7, 10 (*Coryuosoma*). 11–13, 14, fig. 4, pl. 1 figs. 13–19 (in *Leptonychotes weddelli*; Antarctic).

strumosum (Rud., 1802) Lûhe, 1904f, 231, 266; 1905b, 342 (s. *Echinor. hystrix*, *hamanni*, *bullosum*); 1911a, 3, 7, 37–39, 40, figs. 45–49 (larva in *Anguilla anguilla*, *Cottus bubalis*, *C. quadricornis*, *C. scorpius*, *Cyclopt. lumpus*, *Lampreta fluviatilis*, *Lotta lota*, *Perca fluviatilis*, *Pleuronectes flesus*, *Rhombus maximus*, *Trachinus draco*; adult in *Colymbus griseigenea*, *Felis catus dom.*, *Halichærus grypus*, *Mergus merganser*, *M. senator*, *Otaria jubata*, *Phalacrocorax auritus*, *P. bicristatus*, *P. carbo*, *P. graculus*, *Phoca groenlandica*, *P. hispida*, *P. vitulina*, *Phocæna phocæna*, *Putorius putorius*, *Spheniscus demersus*); 1912, ZJ, v. 1, 274, 275, 276.—Bieler, 1914, ZA, 405–409, figs. 1–2 (in *H. g.*).—Gedølst, 1911a, 137, fig. 184 (in *dom. cat.*).—Porta, 1908, AdP, v. 12, 271–272 (s. *Echinor. ventricosus*, *semermis*) (larva in *Clupea harengus*, *Cottus q.*, *Cycl. l.*, *Lophius piscatorius*, *Osmerus eperlanus*, *Petromyzon fluviatilis*, *Platessa flesus*, *R. m.*, *T. d.*, *T. vipera*; adult in *H. g.*, *Phoca annellata*, *P. foetida*, *P. h.*, *P. g.*, *P. v.*, *Phocæna com.*; also in *F. c. dom.*, *Fœtorius putorius*, *Harelda glacialis* (North Sea).—Rail. & Henry, 1907, 11 (in *Delphinus phocæna*, *H. g.*, *Phoca annulata*, *P. foetida*, *P. h.*, *P. v.*).—Stiles & Hass., 1905b, 95.—Weiss, 1914, 120, 121.

CORYUOSOMA Rail. & Henry, 1907b, 10 (misprint for *Corynosoma*).

- COSMOCEPHALUS** Mol., 1858d, 151-152 (mt. *diesingii*) [not *Cosmocephala* Stimps., 1857, worm]; 1861c, 295-296.—Carus, 1863, 462.—Dies., 1861a, 672.—R., H. & S., 1912, CrSB, 624.—Stiles & Hass., 1905b, 95.
- alatus* Mol., 1860e, 345 (s. *Spiropt. obvelata*, *Histicc. spiralis*) (in *Alca torda*, *Larus maximus*, *L. argentoides*, *L. argentatus*, *L. canus*, *L. fuscus*, *L. marinus*, *L. medius*, *L. ridibundus*, *Mergus serrator*, *Sterna risoria*, *Totanus hipoleucus*, *T. maculatus*; Europe).—Dies., 1861a, 673.—Linst., 1877, 174 (so. *Fil. obvelata*) (in *Totanus fuscus*).—Stoss., 1898, 96.
- diesingii* Mol., 1858d, 151-152 (in *Larus capistranus*; Padua); 1861c, 296-297, pl. 10 fig. 9-12 (in *L. c.*; P.).—Dies., 1861a, 672-673; 1861, 278.—Linst., 1878a, 167.—Stiles & Hass., 1905b, 95.
- papillosus* Mol., 1859h, 24-25 (in *Larus ridibundus*; Padua).—Dies., 1861a, 673 (in *L. r.*; P.).—Drasche, 1884, 113.—Linst., 1878a, 168; 1889a, 58 (in *L. canus*).—Stoss., 1889, 181; 1892, 72; 1898, 93.
- COSMOCERCA** Dies., 1861a, 614, 645-646 (only positive sp., hence mt. *ornata*) [not *Cosmocercus* Dej., ? coleopt.; Thoms., 1864, coleopt.].—Hall, 1916a, 106.—Rail. & Henry, 1916, CrSB, 115 (type *ornata*); 1916, CrSB, 248 (*ornata* of Dies., 1861, not of Duj., is type), 249, 250.—Stiles & Hass., 1905b, 96.—Stoss., 1898, 81.—See *Nematodyx*.
- commutata* (Dies., 1851) Dies., 1861a, 645-646 (in *Bufo viridis*, *B. vulg.*; M. C. V., Padua); 1861, 274.—Hall, 1916a, 106.—Stiles & Hass., 1905b, 96.—Stoss., 1898, 81.
- ornata* (Duj., 1845) Dies., 1861a, 645 (in *Pelophylax escul.*, *Rana temp.*, *Triton alpestris*).—Rail. & Henry, 1916, CrSB, 115 (of Duj.), 248 (of Dies., not of Duj., is genotype).—Stiles & Hass., 1905b, 96.
- trispinosa* Rail. & Henry, 1916, CrSB, 248 (n. name for *Oxyuris ornata* Duj., of Walter, 1856a).
- COSMOCERCINÆ** Rail., 1916, RMv, 521.
- CRASPEDONEMA** Richters, 1908, 23-24 (mt. *javanicum*).—Steiner, 1916, ZA, 332.
- javanicum* Richters, 1908, 23-24 (Java); 1908, 14-30, pl. 1-2 figs. 1-13; 1909, v. 16 (8), 233-234.—Steiner, 1916, ZA, 329, 332-334, figs. 10a-d.
- CRASSICAUDA** Leiper & Atkinson, 1914, PZSL, 266 (tod. *Fil. crassicauda* (Crep.); 1915, 29 (tod. *cr.*).
- crassicauda* (Crep., 1829) Leiper & Atkinson, [1914, 226;] 1915, 29-30 (in Humpback whale, Megaptera).—Baylis, 1916, AMNH, 144-148, 1 fig. (in *Balanoptera borealis*, *B. musculus*, *B. physalus*, *Megaptera nodosa*, *Ziphius cavirostris*).
- CRASSISOMA** Aless., 1909, AdP, v. 13, 459, 474 (mt. *urosululatum*) (*Sclerostominae*).—Gedølst, 1911a, 124.
- urosululatum* Aless., 1909, v. 13, 459, 474, fig. 1 [-20, 22-24] (in *Sus scropha dom.*; Rome, Italy).—Gedølst, 1911a, 124, fig. 168 (in *dom. hog.*).—Wolffh., 1911, 76.
- CRENOSOMA** Mol., 1861a (b), 435, 437-442 (11, 13-18) (type probably *striatum*).—Carus, 1863, 464.—Rail. & Henry, 1909a, 86; 1912, 566.—Stiles & Hass., 1905b, 96.—Stoss., 1898, 85; 1899, 55, 66.
- decoratum* (Crep., 1847) Stoss., 1898c, 85-86 (s. *Crenosoma semiararmatum*) (in bronchi della volpe; Trieste); 1899d, 67 (in *Canis vulpes*; Europe).
- semiararmatum* Mol., 1861a, 442 (18) (s. *Str. canis-vulpis*, *Lior. vulpis*, *Str. decoratus*) (in *Canis vulpes*; Greifsw., M. C. V.).—Deutsche Zeits. f. Tier., 1889, v. 15, 271.—Müel., A, 1897a, 14-15, pl. 2 fig. 5.—Stiles & Hass., 1905b, 96.—Stoss., 1896, 125-126, fig. 9-10; 1898, 85; 1899d, 67 (so. *decoratum*).—Also reported for *Vulpes vulg.*
- species* Rail., 1899c, 25 (9) (in bronchi of blaireaux; by Rail.).
- striatum* (Zed., 1800) Mol., 1861a, 440-441 (16-17), pl. 1 figs. 1-2 (in *Erinaceus europæus*).—Linst., 1883, 296; 1886, 14.—Müel., 1898, 47.—Par., 1887, 494; 1894, 235.—Stiles & Hass., 1905b, 96.—Stoss., 1899, 66-67.
- vulpis* (Duj., 1845) Rail., 915, 505 (in chien) to (*Filaroides?*); 1915, IVC, 744 (in dog).
- CRICOLAIMUS** Southern, 1914a, 20 (mt. *elongatus*) (*Anguillulidae*).
- elongatus* Southern, 1914a, 21-22, pl. 2 figs. 6a-g (Black-sod Bay).
- CRICONEMA** Hofman. & Menz., 1914, ZA, 88 (*guernei* should probably be type); 1915, 207.—Menz., 1914, AN, 76; 1917, RsZ, 154; 155, 156, 157.
- aquaticum* (Micol., 1914) Micol., 1917, ZJ, v. 40, [nv.].—Menzel, 1917, 155, 158 (to *Hoplolaimus*).

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guernei (Certes, 1889) Hofman. & Menz., 1914, ZA, 88-90; 1915, 207-209, pl. 6 fig. 19.—Menz., 1914, AN, 76-78, 83, figs. 1-4 on plate; 1917, 153, 155, 157 (to *Hoplolaimus*).

heideri Stefanski, 1916, ZA, v. 46 [nv.].

morgensi Hofman. in Hofman. & Menz., 1914, ZA, 88, 90-91; (in feuchten Schlamme v. Moospolster; Switz.); 1915, 209-211, pl. 6 fig. 20; 1917, 154, 155, 157 (to *Hoplolaimus*).

rusticum Micol., 1915, [nv.].—Menzel, 1917, 154, 155, 157 (to *Hoplolaimus*).

CRINO Lam., 1801a, 339-340 (mt. truncatus) [not Crino Huebn., 1816, lepidopt.; Gistel., 1848, mollusk].—Bosc, 1802a, 39-42.—Duj., 1845a, 640 (quotes Chabert).—Deslgch., 1824g, 224.—Raf., 1815a, 151 (renamed Crinola).—St. Vincent, 1824, V, 67.—Stiles & Hass., 1905b, 96.

truncatus Lam., 1801a, 339-340 [based on Les Crinons Chabert, 1787a, 21-24, a heterogeneous group of round worms found especially in the horse but found also in dogs and other animals. Scudder attributes Crino to Chabert, 1782, but we have been unable to verify this].—Nordm., 1840, 665 (so. ?*Hamularia subcompressa*).

vulgaris Bosc, 1802a, v. 2, 42, pl. 12 fig. 3 (based on *Ascaride crinon* Chabert, pl. 2 fig. 21) (in abd. of dom. quadrupeds).—Rud., 1809a, 208.

CRINOLA Raf., 1815a, 151 (Crino Lam. renamed, hence same type).—Stiles & Hass., 1905b, 150.

CRINON Chabert, 1787a, 21-24; cf. Str. equinus, 647-648.—Hémont, 1827, 21.—Lænnec, 1813a, 365-369 (see Crino).—Laporte, 1792a, 529-530.—Nordm., 1840, 665.

CROSSOCEPHALUS Rail., 1909a, 336 (for *Pterocephalus* Linst., not Schneid., hence type is viviparus).

viviparus (Linst., 1899) Rail., 1909a, 336 (in zebra).

CROSSOPHORUS Ehrenb. in Hempr. & Ehrenb., 1828a (Hyrax), unpagéd (contains *C. collaris* n. g., and *tentaculatus*) [*collaris* is type] (in cecum of Hyrax capensis; by Hempr. & Ehrenb.) [not Crossophorus Brady, 1880, crust.; not Crossophora Meyrick, 1883, insect. See Zool. Rec., 1884 (for 1883), v. 20. Index, 4].—Duj., 1845a, 292.—Hall, 1916a, 39, 42, 43 (type *collaris*); 1916b, 518.—Mol., 1857a, 151.—Stiles & Hass., 1905b, 96.

collaris Ehrenb. in Hempr. & Ehrenb., 1828a (Hyrax) (not paged) (in Hyrax capensis; by H. & E.).—Cobbold, 1879b, 403.—Dies., 1851a, 142 (in H. c.; by H. & E.).—Hall, 1916a, 42-43, 44, figs. 47-49 (in *Procavia capensis*, P. syriaca; shores, Red Sea).—Schneid., 1866a, 40 (so. *Asc. ferox*).—Stiles & Hass., 1905b, 96.

tentaculatus Ehrenb. in Hempr. & Ehrenb., 1828a (Hyrax) (not paged) (in Hyrax capensis; by H. & E.).—Cobbold, 1879b, 404.—Duj., 1845a, 292.—Dies., 1851a, 142, 143 (in H. c.; by H. & E.).—Hall, 1916a, 42, 43-44 (in *Procavia capensis*; shores, Red Sea).—Stiles & Hass., 1905b, 96.

CTENOCEPHALUS Linst., 1904f, 12 [not *Ctenocephalus* Kol., 1857] (mt. tiara); 1904n, 301 (renamed *Tetradenos*).—R. Bl., 1904, AdP, 478 (renamed Tanqua).—Stiles & Hass., 1905b, 96.

tiara (Linst., 1879) Linst., 1904f, 12-13, pl. 2 figs. 23-27 (in *Varanus bengalensis*, V. salvator; Bolgoda, Horana); 1904, 301 (to *Tetradenos*); 1906, 173.—Stiles & Hass., 1905b, 96.

CUCULANUM Müell., 1780, 204, 205 (see *Cucullanus*).

CUCULANUS Bloch, 1782a, 34-35 (for *Cucullanus*)—Leidy, 1904a, 45.—Rollest., 1888a, 684.—Stiles & Hass., 1905b, 96.

CUCULLANIDE Cobbold, 1879b, 4 (genera not given).—Barrato, 1916, Bm, v. 30, 388 (nov. fam.).—Stoss., 1898, 89.

CUCULLANUS Müell., 1774, ZD, v. 1, 50 [nv.]; "1777, 50, pl. 38, figs. 1-11" [nv.] (tsd, cirratus); see 1779, 99-101 (marinus, lacustris).—Abildg., 1790, 30.—Bellingh., 1844, 478.—Blainv., 1824a, 517; 1828, 512-513.—R. Bl., 1888a, 727 (genus of Strongylides).—Bosc, 1802a, 21-22.—Braun, 1883a, 148; 1895b, 205, 220; 1903a, 244, 251, 262; 1906a, 264; 1908a, 274, 283, 294; 1915a, 288.—Brems., 1824, 125.—Brug., 1791a, 104, pl. 36.—Büetsch., 1876, 231, 237, 238, 248, 249, 402, 405, 409, 410, 440.—Burm., 1837, 535; 1856a, 279.—Carus, 1863, 462.—Cat. RCSI, 1830, 38.—Crep., 1839, 279.—Cuv., 1817a, 31-32.—Dies., 1840,

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- 231.—Duj., 1845a, 245-246 (designates *elegans* as type).—Encycl. méth., v. 2, 226-229.—Fiebiger, 1912a, 223.—Fisch., 1799, 96; 1840, 153.—Galeb, 1878b, 369.—Goldb., 1855, 111.—Héumont, 1827, 8.—Herbst, 1787a, 14, 21, 42.—L'Hermier, 1826, 10.—Joy, 1835a, 503.—Khitrow, 1900a, 6, 9.—Kreffit, 1871a, 210.—Lam., 1801a, 338; 1816, 204-205.—Lamour., 1824a, 168-170.—Lane, 1916, IJMR, 93, 101.—Leiper, 1910, 387 (in Cyclops).—Leuck., 1867b, 24, 50, 80, 87, 93, 95, 112, 115, 121; 1868a, 451; 1876a, 695, 698, 699, 704, 706, 708; 1879a, 133, 153, fig. 65; 1886d, 101, 119, fig. 65.—Linst., 1906, AN, in 249 258; 1909a, 48, 69.—Looss, 1892a, 127; 1902, 755 (of Schrank).—Martini, 1906, AA, v. 29, 266-274, figs. 1-5; 1908, 558.—Mlinarich, 1832, 6.—Mol., 1857a, 151.—Mordw., 1908, v. 13 (1-2), 144, 191.—Nordm., 1840, 651.—Olfers, 1816a, 23, 56-57.—Olss., 1869b, 488; 1876a, 147.—Perrier, 1871c, 1-8, pl. 3 figs. 1-4.—Pratt, 1916a, 224.—Rail. & Henry, 1915, 273; 1915, 446ff (type *cirratus*).—Rud., 1801, 48, 54; 1802a, 31; 1809a, 4, 15 16, 33, 102, pl. 3 fig. 1-7; 1819a, 19, 230.—Schneid., 1866a, 11, 12, 13, 15, 29, 66, 109-111, 126, 189, 232, 254, 268.—Schrank, 1803, 185.—Schrift. Ber. Ges. Naturf., v. 1, 214.—Seur., 1915, CrSB, 423-426, figs. 1-4.—Shipley, 1896a (1901b), 136, 142, 143, 163.—Slawikowski, 1819, 19, 56.—Stiles & Hass., 1905b, 96, 97.—Trav., 1914, v. 6 (2), 138.—Wallenstedt, 1847, 8.—Ward & Magath, 1917 (for 1916), JP, 59.—Westwood, 1851, 644-645.—Will.-Suhm, 1870, 25.—Zed., 1800a, 6, 85-96; 1803a, 78-80.—Zsch., 1903, 124.—Zwicke, 1841, 19.—See also *Cucullanus*, *Cucullus*.
- abbreviatus* Rud., 1819a, 21, 234 235 (in *Perca cirrosa*: Rome).—Dies., 1851a, 241 (in *Scorpena cirrhosa*: M. C. V.).; 1861a, 650 (to *Darnitis*).—Duj., 1845a, 249 (in *Perca norvegica*, *Sparus mæna*: Mus. Venice), 269 (to D.).—Schneid., 1866a, 74.—Stoss., 1888a, 294 (18) (to Het.).
- accipenseris* Viborg, 1795, 237 [nv.].—Rud., 1809a, 117; 1819a, 22 (in *Accipenser sturio*; C. E. V.).—Ben., 1870, 23.—Duj., 1845a, 253.—Also reported for *Accipenser huso*.
- acipenseris* Viborg, 1795, 237 nv.—Dies., 1851a, 242 (of Abildg.) (in *Acipenser sturio*: by Abildg.).—Mol., 1861c, 304 (116) (of Viborg so. *papilliferus*).
- alatus* Rud., 1802a, 35-36 (in *Pleuronectes maximus*; by Rud.).; 1809a, 106-107; 1819a, 20 (in P. m.; Greifsw.).—Dies., 1851a, 239 (in *Rhombus maximus*; G.).; 1861a, 712.—Duj., 1845a, 252 (in P. m.; G.).—Krøy., 1843-45a, 444 (in R. m.).—Olfers, 1816a, 57.—Schneid., 1866a, 74.—Zed., 1803a, 80.
- anguilla* Schrank, 1788a, 14-15 (based on Gæze, 1782a, 131, pl. 9A figs. 1-2); 1803, 205-206.—Brug., 1791a, 104, pl. 36 fig. 39 (in *Murena anguilla*).—Nordm., 1840, 653 (so. *coronatus*).—Rud., 1809a, 113 (so. c.).—Zed., 1803a, 79 (so. c.).
- armatus* Zed., 1800a, 92-94 (in *Perca vulg.*; by Zed.).; 1803a, 79.—Bennet & Olivier, 1826, 39.—Duj., 1845a, 247 (so. *elegans*).—Oken, 1815a, 187.—Rud., 1809a, 107-108 (in P. vulg.).; 1819a, 19 (so. c.).—Sramek, 1901, 101 (so. c.).
- ascanides* Rud., 1805a, 41 (misprint for *ascaroides*).
- ascaroides* Gæze, 1782a, 40, 134-135 (in Magen eines Welses, Silurus; by Gæze).—Bennet & Olivier, 1826, 40-41 (in S. glanis).—Bosc, 1802a, v. 2, 23.—Dies., 1851a, 340 (so. *Nematoideum siluri-glanidis*).—Fabr., 1794, 30.—Rail. & Henry, 1915, 271, 272, 273 (in S. g.).—Rud., 1805, 41; 1809a, 30; 1810a, 254 (to *Prionoderma*); 1819a, 567.—Zed., 1800a, 90; 1803a, 50.
- avium* Fabr., 1794, 31.
- buteonis* Gmel., 1790a, 3051 (in *Falco buteo*: Gæze, 1782a, 85).—Bosc, 1802a, 22.—Dies., 1851a, 333 (so. *Nematoideum falconis-buteonis*).—Rud., 1809a, 116; 1810a, 380.—Zed., 1800a, 89.
- cernuæ* Nordm., 1840a, 652 (so. *elegans*).
- cirratus* Müell., 1777, ZD, v. 1, 4 [nv.]; 1780c, 209, 217.—Gmel., 1790a, 3052.—Nordm., 1840, 652 (so. *foveolatus*).—Pall., 1781, 104 (*cirratus*).—Rail. & Henry, 1915, 273; 1915, 446, 447.—Rud., 1802a, 35; 1809a, 109 (so. f.).
- cirratus* Pall., 1781, 104 (for *cirratus*).
- clitellarius* Ward & Magath, 1917 (for 1916), JP, 59-60, figs. 5, 9 (in *Acipenser rubicundus*; Lake St. Clair).
- conoideus* Bloch, 1782a, 35, pl. 10 figs. 5-7 (in *Anas dom.*; by Zed.).—Dies., 1850a, 383 (so. *Dist. echinatum*).—Herbst, 1787a, 42.—Looss, 1899, 680.—Müell., 1784a, 18.—Rud., 1809a, 418, 420, 432 (so. D. e.).

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- coronatus* Zed., 1800a, 91 (in *Muræna anguilla*; lng.); 1803a, 78–79 (s. *anguillæ* Schrank, *lacustris* Gmel.).—Duj., 1845a, 247 (so. *elegans*).—Lam., 1816, 206.—Nordm., 1840, 653 (s. el., lac., ang.).—Oken, 1815a, 187–188.—Olfers, 1816a, 57.—Risso, 1826, 260.—Rud., 1809a, 113–114 (s. ang., lac. ang.); 1819a, 20 (in intest. et abdom. *Cyprini aspii*, *Esocis lucii*, *Gadi lotæ*, *Percæ luciopercæ*, *P. fluv.*, *P. cernuæ*, *P. zingel*).—Sramek, 1901, 101 (so. el.).
- dumerilii* (Linst., 1897, not Perrier, 1871) Rail. & Henry, 1915, 451 (so. *Camallanus confusus*).
- dumerilii* Perrier, 1871c, 1–8, pl. 3B figs. 1–4 (emyde peinte: Mus. Nat. Hist. Paris).—Linst., 1878a, 177 (in *Emys picta*); 1897, 615–616, pl. 28 figs. 19–26; 1909, 69, fig. 51 (in *E. lutraria*).—Seur., 1915, 426 (s. *microcephalus* Duj. of Linst.) (in *E. l.*).—Stoss., 1891, 109.—Also reported for *Cistudo europæa*, *E. sp.*
- elegans* Zed., 1800a, 91 (in *Lucioperca*; lng.); 1803a, 79 (s. *luciopercæ* Schrank, *percæ* Schrank, *lacustris* Gmel.) (in *L. cernua*, *L. fluv.*).—A., D., & E., 1901f, 5.—Bellingh., 1844, 478.—Ben., 1858a, 1861a, 274–275, 337 (in *perche*); 1866, 209.—Bennet & Olivier, 1826, 40 (in *Esox lucius*, *Gadus lota*, *Perca fluv.*, *P. cernua*).—Blainv., 1828, 542.—R. Bl., 1890a, 7 (*Oxyuris velocissima*=embryo).—Brems., 1824, 125.—Braun, 1883a, 156, 158; 1895b, 211, 220.—Bûetsch., 1875d, 103–110, pl. 5 figs. 1–8; 1875e, lix–lxi; 1876, 222–227, 229, 230, 409, 438, 442, pl. 3.—Cobbald, 1879, 474.—Crep., 1839, 279.—Dies., 1851a, 238–239 (s. *viviparus* Bloch, luc., per., lac., armatus, papillosus, coronatus, *Echinor. lacustris* Zœga) (in *Anguilla vulg.*, *A. acutirostris*, *Acerina vulg.*, *Aspro zingel*, *Aspius rapax*, *Coregonus oxyrhynchus*, *E. l.*, *Gasterosteus aculeatus*, *Lota com.*, *Lucioperca sandra*, *Osmerus eperlanus*, *Perca fluv.*, *Salmo salar*; M. C. V., Greifsw., Wien); 1861c, 281; 1861a, 712–713 (s. *truncatus*, alatus) (in *Rhombus maximus*, *Silurus glanis*; G.).—Duj., 1845a, 247–249 (s. *percæ-fluviatilis* et *cernuæ* Müell., *vivip. luc.*, *per.*, *lac.*, *anguillæ*, *per.*, *luc.*, *cernuæ* Gmel., *arm.*, *pap.*, *cor.*) (in *Cyprinus aspius*, *C. barbatus*, *E. l.*, *Gadus lota*, *Gast. acul.*, *L. s.*, *Perca cernua*, *P. fluv.*, *P. labrax*, *P. zingel*, *Salmo eperlanus*, *S. oxyrhynchus*, *S. salar*; Rennes, Greifsw., Berl.).—Fisch., 1840, 153.—Gabriel, 1853a, 1–104, 3 pls.—Galeb, 1878b, 334, 341, 355, 368.—Götte, 1884a, 57, fig. 9.—Hofer, 1904a, 227, 229, 271–296, fig. 152 (in *Acerina cernua*, *Anguilla vulg.*, *Aspius rapax*, *Aspro zingel*, *Coregonus eperlanus*, *E. l.*, *Gast. acul.*, *Lota vulg.*, *Luciop. s.*, *O. e.*, *Perca fluv.*, *Silurus glanis*, *Trutta lacustris*, *T. salar*).—Kholodk., 1901, 253 (in *Perca*).—Kœberlé, 1859a, 103; 1862d, 9.—Kœll., 1843, 85–90, 97, 137, fig. 28–41.—Kowal., 1894, 225; 1894, 6; 1896d, 8 [258] (in *P. fluv.*; Lwow).—Krøyer, 1838–40a, 20, 41, 54, 592, 615; 1843–45a, 184; 1846–53a, 253, 510, 641; 1852–53a, 1215 (in *Acerina vulg.*, *Anguilla migratoria*, *Asp. rap.*, *Coregonus oxyrhynchus*, *E. l.*, *Gast. acul.*, *Lota vulg.*, *Luciop. s.*, *Osmerus eperlanus*, *P. fluv.*, *Salmo salar*).—Lam., 1816, 205.—Leuck., 1867b, 92, 109, fig. 31, 73, 81, 83, 84; 1876a, 623, 694.—Linst., 1873, 4 (in *P. fluv.*); 1878a, 206; 1885, 239; 1889a, 71 (*P. f.*, *T. s.*); 1909, 69, fig. 52 (in *Acerina c.*, *A. schraetser*, *Asellus aquaticus*, *Aspro zingel*, *Aspius rapax*, *Cor. oxyr.*, *Cyclops quadricornis*, *E. l.*, *Gast. acul.*, *Leuciscus rutilus*, *Lota vulg.*, *Luciop. s.*, *O. e.*, *Perca fluv.*, *Sil. gl.*, *Tinca vulg.*, *Tr. lac.*, *T. salar*, *T. trutta*, *T. fario*).—Lint., 1901, 410, 441, 476, 488, fig. 205, 206 (in *Gadus callarias*, *Lophius piscatorius*).—Looss, 1892a, 108.—Lûche, 1905b, 149, 235 (= *Echinor. lacustris* Zœga).—Martini, 1903a, 531–532; 1903b, 501 556, figs. 1–8, pls. 26–28 figs. 1–35; 1903c, 204–205; 1903d, 904–906; 1906a, 699, 702, 703, 704, 706, 708, 712, 713, 714, 715, 717–762, pls. 30–33 figs. 1–34; 1907, ZwZ, 10, 11, 13 pl. 1 figs. 50–51, pl. 3 fig. 82a.; 1907; 3, 1908, 551.—Mordw., 1908, v. 13 (1–2), 191.—Mûeh., 1898, 52.—Mûell., 1880, 194.—Nordm., 1840, 652 (s. *percæ*, *lac.*, *luciop.*, *cernuæ*), 653 (so. *cor.*).—Oken, 1815a, 187 (in *Gadus lota*, *Perca cernua*).—Olfers, 1816a, 57.—Olss., 1869b, 499, 514.—Perez, 1866a, 220, 224, 237, 288, 289, 292.—Pratt, 1916a, 224.—Rail. & Henry, 1915, 273 (type of *Camallanus*); 1915, 447, 448.—Rollet., 1888a, 683, 685 (in *Cyclops*, *perch.*).—Rud., 1802a, 32–35 (in *Perca lucioperca*, Hecht), 42; 1809a, 102–106, pl. 3 fig. 1–3, 5–7 (s. *percæ*, *percæ-fluv.*, *percæ-lacustris*, *vivip.*, *luciopercæ*, *Echinor. lac.* Müell.); 1814a, 88; 1819a, 19–20, 230–231.—Schneid., 1866a, 28, 66, 110–111, 209, 221, 251, 255, 267, 270, 278, 280, 284, 285, 286, 290, 292, 293, 294, 295, 296, 297, 299, 300, 307, 310, 314, pl. 4 fig. 6–7, pl. 26 fig. 10–11.—Schneid., 1913, 31.—Seur., 1916, 354.—Sieb., 1839, 159.—Shipley, 1896a (1901b), 143, 161.—Sramek, 1901, 95, 96 (in *Anguilla fluv.*, *Esox lucius*, *Perca fluv.*); 1901, 96, 101, fig. 54, a–d (s. *truncatus*, *luciop.*, *per.*, *arm.*, *papillosus*, *cor.*, *Asc. velocissima*) (in *E. l.*).—

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- Stewart, 1914, 182.—Stoss., 1898, 89.—Vauil., 1901, 120.—Wagener, 1857, 52.—Walter, 1866, 71-72.—Wedl., (1), fig. 26-28.—Zsch., 1884, 12, 29, 30, 78-81 (in E. l., *Lota vulg.*, *Perca fluv.*, *Trutta variabilis*); 1896, 773, 774, 780, 784, 817, 818, 820, 821 (in *Luciop. s.*, *Perca fluv.*); 1903, 132, 133, 134, 139, 146, 147 (in *Lota vulg.*).—Also reported for *Cyprinus aspius*, *Gadus lota*, *Salvelinus fontinalis*.
- emydis-lutariae* Sieb.—Kœll., 1843a, 85 [in *Emys lutaria*; lng].
- esuriens* (Duj., 1845a) Carus, 1884, 173.—Stoss., 1888a, 291 (15) (so. *Het. foveolata*); 1898, 78.
- farionis* Gmel., 1790a, 3052 (in *Salmo fario*; Gœze, 1782a, 133) (*lacustris farionis*).—Nordm., 1840, 652 (so. *globosus*).—Rud., 1809a, 111 (so. g.).
- foveolatus* Rud., 1809a, 109-111, pl. 3 fig. 4 (s. *marinus*) (in *Gadum intestinis*; by Müell.); 1819a, 21, 233-234.—Bellingh., 1844a, 479.—Cobbold, 1858b, 159 (so. *Dacnitis globosa* Duj.); 1879, 474, fig. 83.—Dies., 1851a, 240-241; 1861a, 650-651, 713-714.—Duj., 1845a, 251 (s. *mar.*) (in *Blennius phycis*, *Gadus morrhua*, *Muræna cassini* (Nap.), 270 (pars, in *Muræna conger*) (so. *Dacn. hians*).—Krøyer., 1838-40a, 605, 611; 1843-45a, 41, 275; 1852-53a, 1226 (in *Anguilla conger*, G. m., *Platessa limanda*, P. vulg.).—Lam., 1816, 205-206.—Nordm., 1840, 652 (s. *mar.*, *cirratus*, *muticus*).—Oken, 1815a, 187.—Olfers, 1816a, 57.—Rail. & Henry, 1912, 258 (so. *Dacn. esuriens*): 1915, 447.—Schneid., 1866a, 74 (to *Het.*).—Stoss., 1887f (1888a), 290 (14) (to *Het.*); 1898, 78.
- globosus* Zed., 1800a, 92, 94-96 (in *Salmo trutta*; by Zed.); 1803a, 8.—Dies., 1851a, 239-240; 1861a, 649, 713. Duj., 1845a, 250 (s. *lacustris* Gmel.) (in *S. fario*, S. t.; M. C. V.), 269 (to *Dacnitis*).—Hofer, 1904a, 229-259 (in *S. hucho*, *Trutta fario*, T. *trutta*).—Krøyer., 1838-40a, 615; 1843-45a, 644 (in S. f., S. t.).—Lam., 1816, 206.—Linst., 1878a, 264 (in T. f.); 1890d, 183 (to *Dac.*).—Lint., 1901b, 476, 488, figs. 205-206 (in *Gadus callarias* (G. *morrhua*)); 1905, 329.—Nordm., 1840, 652 (s. *lac.*, *farionis*, *truttæ*).—Olfers, 1816a, 57.—Risso, 1826, 260.—Rud., 1809a, 111-113 (s. *lac.*, *far.*, *tr.*); 1819a, 20.—Stoss., 1890, 56; 1897, 5.—Zsch., 1884, 81.—Also reported for *Lota molva*.
- halecis* [(Gmel., 1790)] Fabr., 1794, 33-35, 36 (in *herring*; Copenhagen).—Rud., 1809a, 61 (so. *Fil. capsularia*).
- heterochrous* Rud., 1802a, 36-38 (in *Pleuronectes flesus*; Greifsw.); 1809a, 114-116 (in P. f.; lng); 1819a, 21 (in P. f.; G.).—Ben., 1858a, 1861a, 272 (to *Dacnites*).—Crep., 1839, 280.—Dies., 1861a, 649 (so. *Dac. esuriens* Duj. & Mol.).—Duj., 1845a, 252 (in P. f., P. *platessa*, P. *solea*; G., M. C. V.), 270 (so. *Dac. es.*).—Krøyer., 1838-40a, 610, 612; 1843-45a, 297 (in *Platessa flesus*, P. *vulg.*, *Solea vulg.*).—Olfers, 1816a, 57.—Schneid., 1866a, 74 (so. *Het. foveolata*).—Stoss., 1887f (1888a), 290 (14) (so. *Het. f.*); 1898, 78.—Zed., 1803a, 80.
- hydri* Rud., 1819a, 21 (in *Hydrus caspius*; C. E. V.).—Dies., 1851a, 242 (in *Hydrophis russelii*; M. C. V.).—Linst., 1878a, 184.
- [*integer* Rail. & Henry, 1915, BSPE, 447 (=muticus) (not as specific name; see Müell., 1779, 100, fig. 8).]
- lacustris* (Zoega in Müell., 1776) Müell., 1779a, 100 (in *Perca fluv.*; by Müell.); 1780c, 205, 214, 217 (in Bارسن; by Müell.).—Fabr., 1794, 31.—Lühe, 1905b, 235 (*Cuculanus*) (s. C. *elegans* Zed.).—Stiles & Hass., 1905b, 97.—See also next entry.
- lacustris* Gmel., 1790a, 3051-3052 [quotes Müell., see preceding entry] (with subsp. α *murænæ-anguillæ*, β *percæ*, γ *luciopercæ*, δ *cernuæ*, ε *farionis*, ζ *salaris*).—Bosc, 1802a, 23, pl. 11 fig. 10 (in intest. & liver of anguille, perche, saumon) (quotes Gœze, 1782a, pl. 9a figs. 1-3, B figs. 4, 9-10; Müell. pl. 1 figs. 8, 14).—Cuv., 1817a, 32 (in perch).—Duj., 1845a, 247 (ang., percæ, lucio., cernuæ) (so. *elegans*), 250 (*farionis* so. *globosus*).—Fabr., 1794, 31.—Nordm., 1840a, 652 (percæ, lucio., cernuæ, so. *elegans*, *farionis* so. *globosus*), 653 (so. *coronatus*).—Rud., 1802a, 27 (so. *Asc. capsularia*), 31 (also l. *salaris*); 1809a, 102-103 (percæ, lucio., p. cernuæ, so. *elegans*).—Westwood, 1851, 644.—Zed., 1800a, 90; 1803a, 79 (in *Perca luciopercæ*, P. *cernua*, F. *fluv.*) (so. *elegans*), 79 (in *Muræna anguilla*) (so. *coronatus*).
- lacustris anguillæ* Schrank, 1788) Rud., 1809a, 113 (so. *coronatus*) [Gmel., 1790a, 3051 says: *lacustris*, *murænæ-anguillæ* Gœze, 1782a, 130].—Bennet & Olivier, 1826a, 39-40.—Duj., 1845a, 247 (so. *elegans*).

CUCULLANUS—Continued.

- lacustris farionis* Gmel., 1790a, 3052.—Rud., 1809a, 111 (so. globosus).—(Gmel., gives this under *C. lacustris* as *ε farionis*).—Duj., 1845a, 250 (so. globosus).—Nordm., 1840a, 652 (so. globosus).
- lacustris luciopercæ* (Schränk, 1788) Gmel., 1790a, 3051.—Rud., 1793a, 22–24; 1809a, 103 (so. elegans) Gmel., gives this under *lacustris* as “*luciopercæ*, *C. percæ-luciopercæ* Gœze,” 1782a, 131, pl. 9a fig. 3).—Duj., 1845a, 247 (so. elegans).
- lacustris murænæ-anguillæ* Gmel., 1790a, 3051 (quotes Gœze).
- lacustris percæ-cernuæ* Gmel., 1790a, 3051.—Rud., 1809a, 103 (so. elegans) (Gmel., gives this under *C. lacustris* as “*cernuæ* & *C. percæ-cernuæ*”).
- lacustris salaris* Gmel., 1790a, 3052.—Rud., 1802a, 31; 1809a, 179 (so. capsularia) (Gmel. gives this under *lacustris* as *ζ salaris*).—Dies., 1851a, 163 (so. Asc. caps.).—Bennet & Olivier, 1826, 40 (in *Salmo salar*).
- læviconchus* Wedl, 1861b, 463–464, 481, pl. 1 figs. 1–4 (in *Synodontis schal*; Egypt).—Linst., 1878a, 250 (in *S. s.*).
- luciopercæ* Schrank, 1788a, 14 (based on Gœze. 1782a, 131, pl. 9A fig. 1–3, et pl. 9B figs. A–B, 4–9).—Brug., 1791a, 105, pl. 36 fig. 5 (in *Perca lucioperca*).—Duj., 1845a, 247 (so. elegans).—Frič & Vavra, 1901, 101.—Nordm., 1840a, 652 (so. *e.*).—Rud., 1809a, 102, 103 (so. *e.*).—Zed., 1803a, 79 (so. *e.*).
- marinus* Müell., 1779a, 99–101, pl. 38 figs. 1–11 (in intest. Gadi; by Müell.); 1788a, 50–51, pl. 38 figs. 1–11 (in *Gadus*); 38 figs. 1–11.—Bosc., 1802a, 23.—Brug., 1791a, 104, pl. 35 fig. 10–15 A–E (in *gadum plurimorum intest.*).—Cobbold, 1858b, 159 (so. *Dachnitis globosa*) (in *Lota molva*).—Duj., 1845a, 251 (so. *foveolatus*).—Fabr., 1794, 31.—Gmel., 1790a, 3052 (quotes Müell., 144, figs. 1–11).—Lam., 1801a, 338.—Nordm., 1840a, 652 (so. *fov.*).—Rail & Henry, 1915, 273; 1915, 446, 447.—Rud., 1802a, 35; 1809a, 109 (so. *fov.*).—Stiles & Hass., 1905b, 96.—Zed., 1800a, 90–92 (in *Gadum intestin.*); 1803a, 80.
- melanocephalus* Rud., 1819a, 20, 232–233, 640, 641 (in *intestinis Scomberi colia*, *rochei*, *sardie*; Nap.).—Ben., 1870, 37.—Dies., 1851a, 240 (in *Auxis vulg.*, *Pelamys sarda*, *Scombercolias*, at Nap.; *Thynnus vulg.*, in *M. C. V.*); 1861a, 713.—Duj., 1845a, 249 (in *Scomber sardæ*, *S. rochei*, *S. colias*; Nap., by Rud.).—Krøyer, 1838–40a, 596 (in *T. vulg.*).—Linst., 1878a, 218.—Schneid., 1866a, 66, 111, pl. 4 figs. 4, 5.—Also reported for *Auxis rochei*, *S. thynnus*.
- microcephalus* Duj., 1845a, 246 (testudinis Rud. renamed) (in *Emys orbicularis*; Mus. Wien).—Dies., 1851a, 242 (s. test.) (in *E. europæa*, *Podocnemis tracaxa*, *P. expansa*, *Rhinemys depressa*; by Brems. and in Brazil); 1861a, 713 (s. *trispinosus*) (in *Chelonura serpentina*, *E. eur.*, *E. guttata*, *E. lutraria*, *E. reticulata*, *E. serrata*, *P. t.*, *R. d.*; Phila., Padua, *M. C. V.*); 1861c, 281.—Leidy, 1888f, 127 (in intest., terrapin; by Leidy); 1904a, 212.—Linst., 1878a, 176; 1909, 69 (in *E. lut.*).—Mol., 1858, 153; 1861c, 304 (in *E. l.*; Pad.).—Rail & Henry, 1915, 450 (in *E. lut.*; Pad., Wien).—Schneid., 1866a, 126.—Seur., 1915, ČrSB, v. 78 (14), 423–426 (6–9), figs. 1–4 (in *Clemmys leprosa*; Médéa); 1916, 342, 354 (to *Camallanus*).—Stiles & Hass., 1894e, 344 (in *Emys palustris*; Coll. Leidy).—Also reported for *Chelydra serpentina*, *Cistudo carolina*, *C. europæa*.
- minutus* Rud., 1819a, 21, 235 (in *Pleuronectes passer*; Mus. Wien).—Dies., 1851a, 230 (to *Histioc.*).—Duj., 1845a, 252.—Schneid., 1866a, 74 (so. *Het. foveolata*).
- muris* Gmel., 1790a, 3051 (in *Muris intestin.* *tenuibus*; Gœze, 1782a, 242).—Bosc, 1802a, v. 2, 22.—Fabr., 1794, 30.—Rud., 1809a, 156, 170–171 (so. Asc. *obtusa* Frel.).—Zed., 1800a, 89.
- muticus* Müell., 1777, 4 [nv.]; 1779d, 144, pl. 38 figs. 8–11 [nv.]; 1780c, 209 [nv.].—Gmel., 1790a, 3052 (in *Gadus*; quotes Müell., *Z. D.*, v. 1, 144, pl. 38 figs. 8–11).—Nordm., 1840a, 652 (so. *foveolatus*).—Pall., 1781a, 104 (in *Barsen*; by Pall., pl. 38, der *Z. D.*).—Rail & Henry, 1915, RMv, 273, 446 (cf. *integer*), 447.—Rud., 1809a, 109 (so. *foveolatus* Rud.), 111 (quotes Viborg, 1795, 237, and Müell., *Zool. Dan.*) (in *Gadus morhua*).
- nigrescens* Linst., 1906, 253, pl. 17 figs. 10–11 (in *Rana hexadactyla*; Königsb.).
- ocreatus* (Gœze, 1782) Schrank, 1788a, 14, 95 (in *Maulwurf*; by Gœze).—Bennet & Olivier, 1826, 39 (in *Talpa europæa*).—Bosc, 1802a, v. 2, 22.—Dies., 1850a, 326 (to *Monost.*).—Fabr., 1794, 30.—Gmel., 1790a, 3051.—Nordm., 1840a, 624 (to *M.*).—Rud., 1793a, 24; 1809a, 329 (to *M.*).—Zed., 1800a, 88–89.
- orthagorisei* (Rud., 1819) Stoss., 1896, 191, pl. 8 fig. 3; 1898c, 90 (in *Orthagoriscus mola*; Trieste).—Barbag. & Drago, 1903, 417 (in *O. m.*; Catania).—Rail & Henry, 1915, 451 (in *O. m.*).

CUCULLANUS—Continued.

- pachystomus* Linst., 1873g, 296–297, pl. 13 figs. 3–4 (in *Bliccopsis rutiloides*; by Linst.).
- papilliferus* Mol., 1858 (1859e), 299 (in ventric. *Accipenser sturio*; Padua); 1861c, 304–305 (in A. s.; P.).—Dies., 1861a, 713; 1861, 281 (in A. s.).—Hofer, 1904a, 229.—Linst., 1878a, 277.
- papillosus* Zed., 1800a, 92 (in *Esox lucius*; Ing.); 1803a, 79.—Duj., 1845a, 247 (so. elegans).—Olfers, 1816a, 57.—Rud., 1802a, 34; 1809a, 108–109; 1819a, 19 (so. e.).—Srámek, 1901, 101 (so. e.).
- perca* Schrank, 1788a, 15 (in Barsch, Forelle, Quappe, Lachs; Gœze), 1782a, 132, pl. 9B figs. A–B, 4–9.—Bennet & Olivier, 1826a, 39.—Brug., 1791a, 105, pl. 36 fig. 6 (in *Perca fluvi.*).—Duj., 1845a, 247 (so. elegans).—Frœl., 1802, 31–32 (in P. f.).—Linst., 1878a, 214.—Nordm., 1840a, 652 (so. e.).—Rud., 1809a, 102–103, 117 (so. e.).—Srámek, 1901, 101 (so. e.).—Zed., 1803a, 79 (so. e.).
- perca* Viborg, 1795, 237 [nv.].—Abildg., —.—Dies., 1851a, 242 (in *Sebastes norvegicus*).—Rud., [1809a, 117 (*perca-norvegica*)]; 1819a, 22 (in *Perca norvegica*).—Krøyer, 1838–40a, 168 (in S. n.).
- perca-cernuæ* (Gmel., 1790).—Rud., 1809a, 102 (so. elegans) (quotes Müell., 1781b, 133).
- perca-fluviatilis* Rud., 1809a, 102 (so. elegans) (quotes Müell., 1781b, 133).—Duj., 1845a, 247 (so. elegans).
- perca-norvegica* Viborg, 1795, 237 [nv.].—Rud., 1809a, 117.
- platessa* Rud., 1809a, 116–117 (in *Pleuronectes platessa*; by Treviranus); 1819a, 22 (in P. p.).—Ben., 1858a (1861a), 272 (so. *Dacnites heterochrous*).—Duj., 1845a, 270 (so. *Dac. esuriens*).
- rana* Gmel., 1790a, 3051 (in *Rana temp.*; Gœze, 1782a, 98).—Bosc, 1802a, v. 2, 23.—Dies., 1851a, 314 (so. *Str. auricularis*).—Duj., 1845a, 131 (so. S. a.).—Linst., 1905, 193.—Mol., 1861c, 331 (so. S. a.).—Rud., 1802, 41 (so. S. a.); 1809a, 223.—Zed., 1800a, 90.
- reptilium* Fabr., 1794, 31.
- roseus* Leidy, 1851a, 155 (in *Testudo* sp.; from Java); 1856b, 54; 1886e, 313 (in instest. of *Manouria fusca*); 1904a, 45, 99–100, 193.—Dies., 1861a, 713 (in *Testudinis species javanica*).—Linst., 1878a, 176 (in T. sp.).—Rail & Henry, 1915, 451 (in M. f., T. sp.).—Stiles & Hass., 1894e, 344 (in M. F.; Coll. Leidy).
- salaris* Gmel., 1790a, 3052 (*lacustris salaris*).—Dies., 1851a, 163 (so. *Asc. capsularia*).—Rud., 1802a, 27 (so. A. c.); 1809a, 179 (so. A. c.) (for *Cucullanus* of the Lachs; Gœze, 1782a, 133, pl. 8 fig. 9, 10).—Seur. 1916, 354.
- solea* Rud., 1819a, 22 (in *intestinis Pleuronectis soleæ*; C. E. V.).—Ben., 1858a (1861a), 272 (so. *Dacnites heterochrous*).—Duj., 1845a, 270 (so. *Dac. esuriens*).
- spari* Rud., 1819a, 22 (in *intestinis Spari mænæ*; C. E. V.).—Dies., 1851a, 339 (so. *Nematoideum mænæ*).
- species* Krøyer, 1846–53a, 367 (in *Tinca vulg.*), 488 (in *Solea vulg.*).
- species* Lint. (1899), 1901b, 410, 441, figs. 207–208 (in *Fundulus heteroclitus* Woods Hole Region); 1905d, 325 (so. *Het. species*).
- species* Lint., 1901b, 410, 453 (in *Rhombus triacanthus*; Vineyard Sound).
- squali* (Duj., 1845) Dies., 1851a, 243 (for *squali-galei*) (in *Galeus canis*; M. C. V.); 1861a, 651 (to *Dacnitis*).—Krøyer, 1852–53a, 851 (in G. vulg.).—Stoss., 1887f (1888a), 293 (17) (to *Het.*).
- squali-galei* Duj., 1845a, 253 (in *Squalus galeus*; Mus. Wien), 272 (so. *Dacnitis squali*) (in S. g., M. W.).
- sturio* Krøyer, 1852–53a, 778 (in *Acipenser sturio*) (quotes Abildg.).
- talpa* Schrank, 1788a, 14 (in Maulwuri; Gœze, 1782a, 130, pl. 8 figs. 7–8).—Bennet & Olivier, 1826a, 38–39 (in *Talpa europæa*).—Bosc, 1802a, 22 (dans la membrane du peritoine de la taupe).—Brug., 1791a, 105, pl. 36 figs., 1, 2 (in *adipe peritonæi Talpæ europææ*; Gœze, 1782).—Dies., 1850a, 326 (so. *Monost. ocreatum*) (contains *ocreatus* Schrank); 1851a, 165 (so. *Asc. incisa* Rud.).—Fabr., 1794, 30.—Gmel., 1790a, 3051.—Nordm., 1840a, 656 (so. *Asc. inc.*).—[Müell., 1787a, 77.]—Rud., 1802a, 31; 1809a, 163 (so. *Asc. inc.*); 1809a, 329 (so. *Monost. ocreatum* Zed.).—Seur., 1916, 342, 354.—Zed., 1800a, 88

CUCULLANUS—Continued.

testudinis Rud., 1819a, 21 (in *Testudo orbicularis*; C. E. V.).—Baird, 1853a, 28 (so. microc.).—Dies., 1851a, 242 (so. m.).—Duj., 1845a, 246 (so. m.).

tinca Rud., 1819a, 22 (in *Cyprinus tinca*; C. E. V.).—Dies., 1851a, 243 (in *Tinca chrysitis*; M. C. V.).—Hofer, 1904a, 229 (in *T. vulg.*).—Linst., 1878a, 257.

tridentatus Drasche, 1884, 116, pl. 5 figs. 1-2 (in *Vastres cuvieri*; lng.).—Linst., 1889a, 96.

trispinosus Leidy, 1851b, 240 (in small intest., *Emys guttata*; lng.); 1904a, 58-59.—Dies., 1851a, 713 (so. microc.).—Also reported for *Chelopus guttatus*.

truncatus Rud., 1814a, 88 (in *Silurus glanis*; by Rud.); 1819a, 20, 231-232 (in S. g.; Greifsw.).—Dies., 1851a, 239; 1861a, 712 (so. *elegans* Zed.).—Duj., 1845a, 250 (MS. g.; G.).—Krøyer, 1846-53a, 137.—Linst., 1878a, 206 (so. e.).—Mol., 1861c, 305.—Olfers, 1816a, 57.—Srámek, 1901, 101 (so. e.).—Stoss., 1898, 89.

trutta Fabr., 1794, 30-33, pl. 3 figs. 9-12 (in *Salmo trutta*).—Dies., 1861a, 649 (so. *Dacnitis globosa*).—Duj., 1845a, 269 (so. D. g.).—Nordm., 1840a, 652 (so. g.).—Rud., 1809a, 111 (so. g.).

viviparus Bloch, 1782a, 34-35, pl. 10 figs. 1-4 (*Cuculanus*) (in *Perca fluvi.*; by Bloch); 1788a, 77, pl. 10 fig. 1-4.—Duj., 1845a, 247 (so. *elegans*).—Herbst, 1787a, 42.—Rud., 1809a, 102 (so. e.).

viviparus n. sp. Linst., 1906, v. 1 (13), 253-254, pl. 17 fig. 12-13 (in intest., *Damonia revesii*, *Cinosternon*; Zool. Mus., Koenigsb.).—Rail. & Henry, 1915, BSPe, 451 (renamed *Camallanus undulatus*).

CUCULLUS Zed., 1803a, 50 (misprint for *Cucullanus*) [not *Cucullus* Blainv., 1834, Acal.].—Looss, 1902m, 755.—Stiles & Hass., 1905b, 97.

ascaroides (Goeze, 1782) Zed., 1803a, 50.

CYATHOLAIMUS Bast., 1865c, 95, 162-165 (tsd. *ocellatus*).—Cobb, 1888a, 33.—Hofmæn., 1913, 633-634.—Jægers., 1909, 6, 33.—Man, 1907, 70.—Menz., 1914, AN, 47.—Oerley, 1880, 143.—Stefanski, 1915, ZA, v. 45, 346-349, figs. 1-6.—Stiles & Hass., 1905b, 97.

cæus Bast., 1865c, 163, figs. 213-214 (marine surface mud; Falmouth).—Man, 1907, 70, 71, 72, 73, 87 (Zealand); 1907, 239.—Savelev, 1912, 123.—Steiner, 1915, 230-231.—Stiles & Hass., 1905b, 97.—Villot, 1875a, 465.

dubiosus Büetsch., 1874b, 284, fig. 31a-b (Kieler Bucht).—Man, 1876a, 161-162; 1876b, 84-85, pl. 10 fig. 39a-b.—Oerley, 1880, 144.—Schneid., 1906d, 626.—Southern, 1914, PRIA, v. 31, 29 (Blacksod Bay, Clew Bay).—Villot, 1875a, 466 (Kiel).

elongatus Man, 1907, v. 10, 239 (free: Veere, Ierseke); 1907, 33, 70-73, 87, pl. 4 fig. 14 (Zealand).

fluvialis Cobb, M. V., 1915, 38-39 (Maple River, Mich.).

gracilis (Eberth, 1863) Bast., 1865c, 165.—Stiles & Hass., 1905b, 97.

intermedius Man, 1880a, 16-17 (s. *dubiosus* Man) (in moist soil: Holland); 1906, 165, 166, 167, 168.—Ditlevsen, 1912, 222.—Menz., 1914, AN, 47.

micoletzkyi Stefanski, 1915, ZA, 348 (Czarna River, Pologne).

ocellatus Bast., 1865c, 163, figs. 210-212a (tide-pools: Falmouth).—Man, 1907, 87 (Zealand); 1907, 239.—Southern, 1914, PRIA, v. 31, 29 (Blacksod Bay, Bofin Harbor).—Stiles & Hass., 1905b, 97.—Villot, 1875a, 465.

ornatus Bast., 1865c, 163-164, figs. 215-216 (tide-pools; Falmouth).—Stiles & Hass., 1905b, 97.—Villot, 1875a, 465.

proximus Büetsch., 1874b, 285, fig. 30a-b (Kieler Bucht).—Villot, 1875a, 465.

punctatus Bast., 1865c, 164, figs. 217-218 (marine surface mud; Falmouth).—Man, 1890b, 180-184, pl. 4 fig. 6 (Calados, de la Manche); 1907, 72.—Stiles & Hass., 1905b, 97.—Villot, 1875a, 465.

ruricola Man, 1880a, 18 (in moist soil: Holland).—Hofmæn. & Menz., 1915, 137.—Micol., 1914, 483-484.

species Micol., 1914, ZJ, 485, pl. 17 fig. 27 (in fresh water: Ostalpen).

striatus Bast., 1865c, 164, figs. 219-220 (marine surface mud; Falmouth).—Stiles & Hass., 1905b, 97.—Villot, 1875a, 465.

tenax (Man, 1876) Man, 1884a, 16, 20, 21, 53, 56, 193, 195, pl. 7 fig. 28.—Hofmæn., 1913, 634.—Hofmæn. & Menz., 1915, 137.—Jægers., 1909, SFD, 33, fig. 44.—Menz., 1914, AN, 32, 48, 82.—Micol., 1914, 434; 1915, 264-265.

CYATHOLAIMUS—Continued.

- tenuicaudatus* Savelev, 1912, 122–123 (free).
terricolo Man, 1880a, 17–18.—Cobb, 1888a, 33.—Brakenhoff, 1914, v. 22, 274.—Hofmæn. & Menz., 1915, 136.—Menz., 1914, AN, 33, 47–48, 82.
truncatus Cobb, 1914, TAMS, 38, 60–62, 94, pl. 6 fig. 17 (Silver Springs, Fla.); 1914, TAMS, v. 33 (2), 94, pl. 6 fig. 17.

CYATHOSTOMA E. Bl., 1849a, 182–185 (mt. lari).—Looss, 1901a (1902), 36, 86 (so. Sclerost.).—Stiles & Hass., 1905b, 97.

- lari* E. Bl., 1849a, 183–185, pl. 7 fig. 5 (in *Larus ridibundus*).—Dies., 1851a, 306–307 (renamed *Sclerost. cyathostomum*); 1861a, 717 (so. S. c.).—Gerv. & Ben., 1859b, 106.—Looss, 1901, 36.—Mol., 1861a (561), 137 (to S.).—Rail., 1898, 402.—Stiles & Hass., 1905b, 97.—Stoss., 1899, 100 (to *Syngamus*).

- tadornæ* Chatin, 1874a, 1–6, pl. 1 (8) figs. 1–11 (in *Anas tadorna*, *Tadorna beloni*; lng.).—Linst., 1878a, 152 (to *Sclerost.*).—Rail., 1898, 402 (to *Syngamus*).—Stoss., 1899, 99 (to *Syngamus*).

- tadorna* Chatin, 1874a, 6 (misprint for *tadornæ*).

CYATHOSTOMUM Mol., 1861a(b), 435, 451–455 (11, 27–31) (mt. tetracanthus) [not *Cyathosoma* E. Bl., 1849a, nematode] [renamed *Cylichost.*].—Hut. & Mar., 1906a, 2, 405; 1910b, 509.—Looss, 1900c, 153, 157; 1901a, 36, 47, 86; 1901g, May, 27, 317 (renamed *Cylichost.*).—Rail. & Henry, 1902a, 110 (of Looss, not Mol. so. *Cylicost.* Looss).—Stiles & Hass., 1905b, 97.

- affine* Stoss., 1902e, 14, pl. 4 figs. 21–22 (in *Felis catus ferus*; Ghinda, Eritrea).

- alveatum* Looss, 1900c, 185–186, 187 (in *Equus*¹; Egypt).—Gough, 1908, 4 (in equines; S. Africa).

- auriculatum* Looss, 1900c, 189–190 (in *Equus*¹; Egypt).—Gough, 1908, 4 (in equines; S. Africa).

- bicoronatum* Looss, 1900c, 159–160 (in *Equus*¹; Egypt), 192.—Gough, 1908, 4 (in equines; S. Africa).

- calicatum* Looss, 1900c, 185 (in *Equus* cab.; Egypt).—Gough, 1908, 4 (in equines; S. Africa).

- catinatum* Looss, 1900c, 186–187 (in *Equus*¹; Egypt).—Gough, 1908, 4 (in equines; S. Africa).

- coronatum* Looss, 1900c, 159 (in *Equus*¹ [cab., etc.]; Egypt), 185.—Gough, 1908, 4 (in equines; S. Africa).

- elongatum* Looss, 1900c, 188–189 (in *Equus*; Egypt).—Gough, 1908, 4 (in equines; S. Africa).

- labratum* Looss, 1900c, 158, 159 (in *Equus*¹; Egypt); 1901a, 125 (pars, so. *Cylichost. labiatum*).

- nassatum* Looss, 1900c, 187, 188, 189, 190 (in *Equus*¹; Egypt).—Gough, 1908, 4 (in equines; S. Africa).

- poculatum* Looss, 1900c, 184–185 (in *Equus* cab.; Egypt).—Gough, 1908, 4 (in equines; S. Africa).

- radiatum* Looss, 1900c, 187–188, 189 (in *Equus*¹; Egypt).—Gough, 1908, 4 (in equines; S. Africa).

- tetracanthum* (Mehl., 1831) Mol., 1861a, 453–455 (29–31), pl. 1 figs. 5–6 (in *Equus* cab., *E. asinus*, *E. mulus*; Irisanga) (s. *Str. armati* proles Rud., *Sclerost. quadridentatum* Duj., *Sc. hexacanthum*).—Fiebiger, 1912a, 285.—Gough, 1908, 4 (in equines; S. Africa).—Hut. & Mar., 1906a, 406; 1910b, 509; 1913b, 2, 509–510, 511, 512, fig. 75.—Linst., 1904, 9 (to *Cylichost.*).—Looss, 1900c, 156–157, 157–158, 188, 190; 1901, 36, 110.—Rail., 1893a, 46 (to *Sclerost.*).—Stiles & Hass., 1905b, 97.—Ward, 1895a, 339 (in *E. c.*).

CYLICHNOSTOMIDÆ Looss, (1901a) 1902, May 13, 74, 86.

CYLICHNOSTOMUM Looss, (1901a) 1902, May 13, 36 (type *tetracanthum*), 37, 38, 43, 56, 59, 66, 69, 79, 80, 81, 82, 86–92, 96, 97, 98, 99, 101, 102, 106, 108, 113, 114, 118, 119, 120, 121, 130, 132, 133, 134, 136, 138; 1901? or 1902, 38, 86–132 [equals *Cyathost.* Mol., renamed] (not *Cyathost.* E. Bl.); 1901g, May 27, 317; 1905, 30, 38–40.—Blgr., 1917, P, v. 9, 203–212, figs. 1–5.—Ihle, 1917, 164, 165.—Leiper, 1910, 23–26.—Linst., 1904, 8–9.—Rail. & Henry, 1902a, 110 (so. *Cylicost.* Looss).—Stiles & Hass., 1905b, 97.

¹ In this paper Looss uses "Pferd und Esel" at the heading, but he does not state definitely with each species whether he found the parasite in one or both of these hosts.

CYLICHNOSTOMUM—Continued.

- alveatum* (Looss, 1900) Looss, (1901a) 1902, May 13, 39 (in donkey; Egypt), 95, 105, 106, 114, 116, 126 (sp. diag.), 128, 131, figs. 45, 46, 65, 68, 84, 106, 114, 128, 162, 163.—Blgr., 1917, P, 210, 211.
- auriculatum* (Looss, 1900) Looss, (1901a) 1902, 39 (in donkey; Egypt), 89, 91, 92, 94, 95, 96, 97, 98, 101, 102, 122, 130 (sp. diag.), 131, 132, 137, 138, figs. 63, 64, 79, 101, 111, 148, 149, 150.—Blgr., 1917, P, 207, 209.
- bicoronatum* (Looss, 1900) Looss, (1901a) 1902, May 13, 39 (in donkey; Egypt), 91, 92, 95, 96, 97, 98, 99, 105, 106, 109, 116, 117, 125-126 (diag.), 132, 133, figs. 49, 50, 67, 86, 103, 113, 127, 136, 153.—Blgr., 1917, P, 204, 205, 206.
- calicatum* (Looss, 1900) Looss, (1901a) 1902, May 13, 39 (in horse; Egypt), 91, 94, 95, 97, 99, 104, 116, 127 (diag.), 132, 137, figs. 53, 54, 77, 82, 117, 158, 159.—Blgr., 1917, P, 204.
- catinatum* (Looss, 1900) Looss, (1901a) 1902, May 13, 39 (in donkey), 93, 95, 96, 104, 116, 128 (diag.), 131, figs. 51, 52, 72, 91, 96, 119, 125, 167, 168.—Blgr., 1917, P, 210, 211.
- coronatum* (Looss, 1900) Looss, (1901a) 1902, May 13, 39 (in donkey & horse; Egypt), 88, 93, 95, 99, 104, 106, 116, 125 (diag.), 131, 137, figs. 55, 56, 92, 93, 94, 105, 115, 124, 137, 156, 157.—Blgr., 1917, P, 204.
- elongatum* (Looss, 1900) Looss, (1901a) 1902, May 13, 39 (in donkey; Egypt), 88, 89, 91, 92, 94, 95, 96, 98, 104, 105, 115, 116, 129-130 (diag.), 131, 133, figs. 61, 62, 76, 85, 97, 112, 130, 141, 144, 145.—Blgr., 1916, P, 435; 1917, P, 207, 209.
- euproctus* Blgr., 1917, P, 204-207, figs. 1-2 (in Equus cab.: Birmingham).
- goldi* Blgr., 1917, P, 204, 210-211, fig. 5 (in Equus cab.: Birmingham).
- insigne* Blgr., 1917, P, 204, 207-209, figs. 3-4 (in Equus cab.: Birmingham).
- labiatum* Looss, (1901a) 1902, May 13, 38, 39 (in donkey; Egypt), 93, 95, 99, 104, 105, 116, 119, 125, 131, figs. 43, 44, 78, 83, 99, 118, 122, 138, 154-155.
- labratum* (Looss, 1900) (Looss, 1901a) 1902, May 13, 38, 39 (in donkey), 90, 91, 92, 95, 99, 105, 115, 119, 124 (diag.), 125, 131, 137, figs. 38, 39, 40, 73, 80, 81, 95, 109, 120, 139, 151, 152.
- nassatum* (Looss, 1900) Looss, (1901a) 1902, May 13, 38, 39 (in donkey & horse; Egypt), 87, 88, 91, 92, 93, 94, 95, 96, 98, 99, 100, 104, 106, 114, 115, 117, 122, 128, 129 (diag.), 130, 131, 132, 136, 137, figs. 57, 58, 89, 71, 74, 102, 107, 121, 140, 164.—Blgr., 1917, P, 204.
- poeculatum* (Looss, 1900) Looss, (1901a) 1902, May 13, 39 (in horses; Egypt), 91, 94, 95, 96, 97, 99, 104, 106, 107, 113, 115, 126 (diag.), 127, 132, figs. 47, 48, 69, 90, 98, 108, 123, 134, 160, 161.—Blgr., 1917, P, 204.
- pugnicaudatum* Leiper, 1910, 23-25, figs. 1-5 (in *Phacochærus alicani massaicus*; Kilimandjaro).
- radiatum* (Looss, 1900) Looss, (1901a) 1902, May 13, 38, 39 (in donkey and horse; Egypt), 88, 91, 92, 94, 95, 96, 98, 129 (diag.), 130, 131, figs. 59, 60, 66, 88, 100, 110, 129, 142, 146, 147.
- tetracanthum* (Mehl., 1831) Looss, (1901a) 1902, May 13, 38, 39 (in donkey & horse; Egypt), 93, 94, 95, 96, 115, 117, 119, 124, 131, figs. 41-42, 70, 87, 104, 116, 125, 133, 165, 166.—Blgr., 1917, P, 204.—Conreur, 1915, AbM, v. 5 (8), 323-348 (cachexia verminosa).—Fiebiger, 1912a, 285.—Linst., 1904, 9.—Seur., 1916, 343.

CYCLICOLAIMUS Man, 1889, 1-2 (mt. magnus); 1907, 55.—Maupas & Seur., 1916, 616.—Stiles & Hass., 1905b, 97.

jægerskiöldi Tüerk, 1903, Dec. 9 (1903-1904a), 334-340 (marine; Nap.).

magnus (Villot, 1875) Man, 1889, 1-2.—Jægers, 1904b, 421; 1908, 676; 1909, 16, 64.—Southern, 1914, PRA., v. 31, 39-40, pls. 6-7, figs. 19a-f (Blacksod Bay, Clew Bay).—Stiles & Hass., 1905b, 97.

CYCLICOSTOMA Looss, 1911, v. 4, 209, 320, 324, 328, 365, 396, 397, 402, 404, 515 (for *Cylicostomum*).

mettami Leiper, 1913, VJ, v. 68, 460-462, figs. a-c (in Equus cab.: Lond.).

tetracanthum (Mehl., 1831) Looss, 1911a, 324, pl. 15 fig. 163.

CYCLICOSTOMATA Looss, 1905, 111 (plural for *Cylicost.*).

CYCLICOSTOMEÆ Rail & Henry, 1909b, 170 (group of Ankylostominae: contains *Cylicost.*, *Oesophagodontus*, *Gyaloc.*, *Triodontophorus*, *Eucyathost.*); 1912, 565 (contains C., O., G., T., E.).—Hall, 1916a, 107, 114, 119, 122; 1916b, 518.—Lane, 1917, IJMR, 428, 433.—Nev.-Lem., 1912a, 648-649, 1208.

CYCLICOSTOMINÆ Rail., 1915, RMv, 492 (contains *Cylicost.*, *Gyaloc.*, *Oesophagodontus*, *Triodontophorus*); 1915, IVC, 735.—Hall, 1916a, 114 (so. *Cylicostomeæ*); 1916b, 521.

Cylicostomose Gillet & Teppaz, 1914, Rv, v. 71 n. s., v. 39 (8), 489.—Conreur, 1915, AbM, 323-348 (*Equidæ*); 1916, TVB, Lond., 44-45.

CYCLICOSTOMUM Looss, 1901, in Rail., 1901, Ev, v. 30 (1), 40 (for *Cylichnost.*) (type *tetracanthum*).—Rail. & Henry, 1902a, 110 (s. *Cyathost.* Looss, *Cylichnost.* Looss); 1909b, 170 (type *tat.*); 1912, 565.—Faria & Trav., 1914, AbM Rio, 193, pl. 7.—Gedøelst, 1903a, 56, 92 (for *Cylichnost.*); 1911a, 126.—Hall, 1916a, 114, 119.—Looss, 1905a, 20, 30 (history of name), 38, 40, 62, 74.—Nev.-Lem., 1912a, 649.—Stiles & Hass., 1905b, 97.

alveatum (Looss, 1900) Gedøelst, 1903a, 56; 1911a, 127 (in horses).—Nev.-Lem., 1912a, 744.

auriculatum (Looss, 1900) Gedøelst, 1903a, 56; 1911a, 127 (in horses).—Nev.-Lem., 1912a, 744.

bicoronatum (Looss, 1900) Gedøelst, 1903a, 56; 1911a, 127 (in horses).—Nev.-Lem., 1912a, 744.

calicatum (Looss, 1900) Gedøelst, 1903a, 56; 1911a, 127 (in horses).—Nev.-Lem., 1912a, 744.—Wolffh., 1911, 71-72.

calicathum Nev.-Lem., 1912a (index 1208) (for *calicatum*).

catinatum (Looss, 1900) Gedøelst, 1903a, 56; 1911a, 127 (in horses).—Nev.-Lem., 1912a, 744.

coronatum (Looss, 1900) Gedøelst, 1903a, 56; 1911a, 127 (in horses).—Nev.-Lem., 1912a, 744.—Wolffh., 1911, 72.

elongatum (Looss, 1900) Gedøelst, 1903a, 56; 1911a, 127 (in horses).—Nev.-Lem., 1912a, 744.

falciferum (Cobbold, 1882) R., H., & B., 1914, BSPe, 207.

labiatum (Looss, 1901) Gedøelst, 1903a, 56; 1911a, 127 (in horses).—Nev.-Lem., 1912a, 744.

labratum (Looss, 1900) Gedøelst, 1903a, 56; 1911a, 126 (in horses).—Nev.-Lem., 1912a, 744.

nassatum (Looss, 1900) Gedøelst, 1903a, 56; 1911a, 127, fig. 170 (in horses).—Nev.-Lem., 1912a, 744.

pileatum R., H., & B., 1914, 208-209, figs. 4-5 (in elephant; Hué).—Lane, 1917, IJMR, 432.

poculatum (Looss, 1900) Gedøelst, 1903a, 56; 1911a, 127 (in horses).—Nev.-Lem., 1912a, 744.

radiatum (Looss, 1900) Gedøelst, 1903a, 56; 1911a, 127 (in horses).—Nev.-Lem., 1912a, 744.

sipunculiforme (Baird, 1859) R., H., & B., 1914, BSPe, 207.

tetracanthum (Mehl., 1831) Gedøelst, 1903a, 56; 1911a, 126 (in horses).—Craig, 1915, 496.—Cuillé, Marotel, & Roquet, 1913, v. 26 (16), 556-568, 568-570.—Hut. & Mar., 1913b, 509.—Nev.-Lem., 1912a, 285, 743.—Rail., 1915, 492; 1915, IVC, 735 (in horse).—Rail. & Henry, 1909b, 170.

CYCLICOSTOMUS Leneveu, 1915, RgMv, 600 (for *Cylicostomum*).

CYLINDROLAIMUS Man., 1880a, 34-35 (sd. *communis*).—Cobb, 1916, JP, 199-200, fig. 1.—Hofmæn., 1913, 620.—Menz., 1914, AN, 53.—Stiles & Hass., 1905b, 97.

aberrans Micol., 1915, ZJ, 258-261, pl. 25 figs. 1a-d (Grundlsee).

brachystoma Hofmæn. in Hofmæn. & Menz., 1914, ZA, 85-86, figs. 7-9 (Léman u. Vierwaldstettersee, u. Langensee); 1915, 159-160, pl. 5 figs. 11, a-c, 12.

communis Man., 1880a, 34 (in moist soil; Holland).—Daday, 1905, v. 23, 326.—Hofmæn. & Menz., 1915, 157-158.—Menz., 1914, AN, 40, 53-54.—Stiles & Hass., 1905b, 97.

lacustris Hofmæn., 1913, RsZ, 620-621, pl. 15 figs. 10-11 (aquatic; Ouchy, Lac Léman).—Hofmæn. & Menz., 1914, ZA, 91 (Neuenburgersee, Switz.); 1915, 158.

macrurus Daday, 1899, Mte, v. 17, 570-571; 1905, Mte, v. 23, 326.

melancholicus Man., 1880a, 35 (in sand; Holland); 1906, 160.—Daday, 1905, v. 23, 326.—Ditlevsen, 1912, 235.—Stiles & Hass., 1905b, 97.

CYLINDROLAIMUS—Continued.

obtus Cobb, 1916, JP, 199, 200 (in sand filter beds; Wash., D. C.).

politus Daday, 1905, Z, v. 18, 58–59, pl. 3 figs. 8–9 (fresh water; Paraguay); 1905, Mte, v. 23, 326.

tristis Ditlevsen, 1912, 235–236, pl. 3 figs. 21, 23, 26 (in the Furesö).

CYLINDROPHARYNX Leiper, 1911, PZSL, 551 (tod. *brevicauda*) (Cyclostomiræ).—Lane, 1917, IJMR, 431.

brevicauda Leiper, 1911, 551, fig. 141 (in zebra; Brit. E. Africa).

longicauda Leiper, 1911, 551, fig. 142 (in zebra; Brit. E. Africa).

CYRNEA Seur., 1914, CrSB, 390–393 [type by present designation *eurycerca*] [not Cynria Walsingham, 1900, Ins.]; 1914, BSHnA, 153, 154; 1914, CrAS, 1018.

eurycerca Seur., 1914, CrSB, v. 76 (9), 390–393, figs. 1–5 [Perdix rouge; Corsica]; 1914, 153; 1914, 1018; 1914, 69.

excisa (Mol., 1860) Seur., 1914, CrSB, 393 (in *Ciconia maguari* in Brazil; *cigone blanche* in Algeria); 1914, 153; 1914, 1018; 1914, BSHnA, v. 6 (3), 65–70 figs. 1–4 (in *Ciconia ciconia*, Algeria; *Ciconia alba asiatica*, Turkestan; C. m., Brazil).

semilunaris (Mol., 1860b) Seur., 1914, BSHnA, 153 (Brazil).

CYSTIDICOLA Fischer, 1798b, 98 (mt. *farionis*, also tat. *Fissula cystidicola*); 1798a, 306, fig. 7; 1799a, 95–100, pl. 2 figs. 1–6.—Cloq., 1822a, 97; 1822b, 32.—Deslgch., 1824i, 242.—Hall, 1916a, 61.—Lamour., 1824a, 298.—Nordm., 1840a, 657.—Raf., 1815a, 151 (g. of *Physelmia*).—Rail., 1916, JP, 99, 100, 103.—Rud., 1801, 57; 1802a, 30.—Stiles & Hass., 1905b, 97–98.—Ward & Magath, 1917 (for 1916), JP, 57–58.—See also *Fissula*, *Ophiostoma*, *Ophio-stomum*.

farionis Fischer, 1798b, 98 figs. 7a–f (in trout; by Fischer); 1798a, 304–309, 1 pl. figs. 1–8; 1799a, 95–100, pl. 2 figs. 1–6.—Cloq., 1822a, 97.—Drew, 1909, v. 2 (3), 193–201, (in trout).—Humb., 1808a, 228.—Lam., 1801a, 339 (so. *Fissula cystidicola*).—Leiper, 1908, P, v. 1 (2) 193–194 (anat.); 1909, v. 44, 140.—Rail., 1916, 103 (in *Trutta fario*, T. *trutta*, *Squalius cephalus*, *Thymallus vulg.*, *Coregonus oxhyrhyinchus*).—Rud., 1809a, 122; 1819a, 25, 26, 245.—Shipley, 1908h, 190–192 (in trout); 1909h, 51; 1909n, 140; 1909t, 61–64, fig. 1 [erroneously attributed to *Trichostr. pergracilis* in the rainbow trout].—Stiles & Hass., 1905b, 97–98.

impar (Schneid., 1866) Rail., 1916, JP, 103 (in *Coregonus albula*, C. *iera*, C. *lava-retus*, *Gasterosteus aculeatus*, *Osmerus eperlanus*, *Trutta fario*).

serrata (Wright, 1879) Rail., 1916, JP, 103 (in *Coregonus albus*).

stigmatura (Leidy, 1886) Ward & Magath, 1917 (for 1916), JP, 57.

CYSTOCEPHALUS Rail., 1895a, 1302 (mt. *Globoc. longemucronatus*) [not *Cystoc. Lager*, 1892]; 1896d (e), 161 (5) (*Globoc.*, Mol., renamed); 1902b, 109 (re-named *Characost.*).—Stiles & Hass., 1905b, 98.

longemucronatus (Mol., 1861) Rail., 1895a, 1302; 1896d (e), 161 (5) (in porc).—Aless., 1909, 474.

CYSTOOPSIS Wagner, 1867, 6 [not accessible to us; given on authority of Scudd., 1884a, 90, who quotes from Marschall] (probably mt. *acipenseris*).—Linst., 1904n, 297 (for *Cystoopsis*).—Stiles & Hass., 1905b, 98.—Zykov, 1903a, 60 (for *Cystoopsis*).

acipenseris Wagner 1867, 6 [nv.].—Stiles & Hass., 1905b, 98.

acipenseris Wagner, 1867, 6 [nv.].—Linst., 1904n, 297 (in *Acipenser ruthenus*; Petrograd).

CYSTOOPSIS Zykov, 1902, Apr. 15, 229–233 (see *Cystopsis*).—Linst., (in Zykov), 1902, 452.—[Melnikoff, (1871–1872) 1875, 6.]—Stiles & Hass., 1905b, 98.

acipenseris (Wagner, 1867) Zykov, 1902c, 229–233 (for *acipenseris*) (in *Acipenser ruthenus*); 1902d, 452; 1903a, 58–61, figs. 26–28 (for *acipenseris*).

acipenseris (Wagner, 1867) Zykov, 1902c, 229–233, figs. 1–2; 1902, July 29, 452; 1903a, 58–61, figs. 26–28 (*acipenseris*); 1905b, 41 (in *Acipenser*, *Simulia reptans*).—Linst., 1903u (1904a), 270 (6) (in *Acipenser huso*; Caspian Sea; 1904n, 297–299, figs. 1–6 (in A. *ruthenus*; Petrograd); 1905b, 41. [Melnikoff, 1871–1872.]—Seur., 1916, 343 (in *Eusimilium reptans*).—Skorikov, (1902a), 459–460 (in A. r.).

- DACHMIUS Bail., 1862e, 549-556 (misprint for Dochmius).—Stiles, 1903k (1), 15.—Stiles & Hass., 1905b, 98.
- trigonocephalus* (Rud., 1808, of Erc., 1854) Bail., 1862e, 549-556 (anatomy) (in dog).
- DACNITIS Cobbold, 1858b, 159 (for Dacnitis).
- globosa* (Duj., 1845) Cobbold, 1858b, 159 (in *Lota molva*).
- DACNIDINA Carus, 1863, v. 2, 462 (f., contains Dacnitis).
- DACNITES Ben., 1858a (1861a), 271 (see Dacnitis Duj.).—Stiles & Hass., 1905b, 150.
- conger* Ben., 1871a, 82 (in *Conger vulg.*; Belgium).
- DACNITIDÆ Baird, 1853a, 32.—Lane, 1916, IJMR, 103 (n. fam., contains: Dacnitis, Serradacnitis, Bulbodacnitis).
- DACNITIS Duj., 1845a, 267-272 (tsd esuriens).—Carus, 1863, 462.—Dies., 1861a, 649.—Hall, 1916a, 64.—Lane, 1914, Oct., 655 (g. of Kathlaniinae), 656; 1916, IJMR, 93-104, figs. 1-18.—Linst., 1909, 48, 57.—Lint., 1905, 325.—Mol., 1858, 299; 1861c, 305.—Mordw., 1908, v. 13(1-2), 191.—Oerley, 1885a, 103.—Rail. & Henry, 1912, 257, 258 (type esuriens); 1915, 447; 1915, 273.—Schneid., 1866a, 66, 68, 109, 126.—Stiles & Haas., 1899, 105; 1905b, 98.—Stoss., 1898, 77; 1899a, 6.—Trav., 1913, 272, 309 (type esuriens); 1914, v. 6(2), 138.—See also Dacnites, Dacnitis, Daenitis.
- abbreviata* (Rud., 1819) Duj., 1845a, 269 (in *Perca cirrosa*; Rome).—Carus, 1884, 174.—Dies., 1851a, 241 (to Cucullanus); 1861a, 650 (in *Scorpaena cirrhosa*; R.).—Lane, 1916, IJMR, 94.—Linst., 1878a, 215 (=Cuc. abbreviata) (in S. c.).—Mol., 1861c, 305.—Stewart, 1914, 174.—Stiles & Hass., 1905b, 98.—Stoss., 1888a, 294(18) (to Het.).
- attenuata* Mol., 1858 (1859e), 299 (in intest. *Leuciscus cavedanus*; Padua); 1861c, 305 (in L. c.; P.).—Dies., 1861a, 650 (in L. c.), 275.—Lane, 1916, IJMR, 93.—Linst., 1878a, 256 (in L. c.).—Rail. & Henry, 1914, 682 (in *Squalius cavedanus*).—Stoss., 1888a, 293(17) (to Het.).
- callichroi* Stewart, 1914, RIM, 173-174, 182, 187-188, pl. 21 figs. 35-38 (in *Callichrous macrophthalmus*; Lucknow).—Lane, 1916, IJMR, 94.
- callichroi* Lane, 1916, IJMR, 94 (for callichroi).
- conger* Ben., 1871a, 82 (Dacnites) (in *Conger vulg.*; Belgium).—Linst., 1878a, 272 (in C. v.).
- esuriens* Duj., 1845a, 270 (s. Cucullanus heterochrous?, platessæ, soleæ) (in *Pleuronectes latus*, P. solea; Paris, Rennes).—Ben., 1858a, 1861a, 272 (so. Dacnites heterochrous).—Dies., 1851a, 241 (so. Cuc. het.); 1861a, 649 (s. Cuc. het., Dac. het.) (in *Dentex vulg.*, *Platessa vulg.*, *Solea vulg.*; Greifsw., Belgium, Padua).—Lane, 1916, IJMR, 93.—Mol., 1859, 833 (in D. v.; P.); 1859h, 26-27 (s. Cuc. het., sol., plat.) (in D. vulg., P. flesus, P. lata, P. v., S. v.; Europe); 1861c, 305.—Olss., 1869b, 499, 514.—Rail. & Henry, 1914, 682 (in *Pleuronectes*); 1915, 447.—Schneid., 1866a, 74.—Stiles & Hass., 1905b, 98.—Stoss., 1888a, 291(15) (so. Het. foveolata); 1898, 78.—Trav., 1913, 309 (in fish).
- falci-rufi* Drasche, 1883b, 125, pl. 7 fig. 21 (in *Falco rufus*; Ing.).
- falconis-rufi* Linst., 1889a, 41 (in *Circus rufus*) (for falci-rufi).
- foveolata* (Rud., 1809) Stewart, 1914, 174.
- foveolatus* (Rud., 1809) Linst., 1890d, 184 to (Cucullanus) (in *Pleuronectes*).—Barbag. & Drago, 1903, 417 (in *Dentex vulg.*, *Phycis mediterraneus*; Catania).—Stoss., 1892, 73; 1898, 78-79.
- fusiformis* Mol., 1860e, 344 (in *Platessa flesus*; M. C. V.).—Dies., 1861a, 651 (in P. f.; M. C. V.).—Drasche, 1883, 124, pl. 7 fig. 20.—Lane, 1916, IJMR, 93.—Linst., 1878a, 245; 1889a, 88 (in P. f.); 1903, 269.—Rail. & Henry, 1914, 682 (in *Pleuronectes*).—Stoss., 1888a, 290(14) (to Het.); 1898, 78.
- gadorum* Ben., 1858a(1861a), 274 (in *Gadus morrhua*; Ing.).—1871a, 56 (Dacnitis) (in *Morrhua vulg.*; Belgium).—Dies., 1861a, 651 (s. Cucullanus foveolatus Rud.) (in G. m., "G. callarias?").—Stoss., 1888a, 292(16).
- globosa* (Zed., 1800) Duj., 1845a, 251, 269 (in *Salmo fario*; Rennes) (s. Cuc. truttæ).—Cobbold, 1858b, 159, pl. 31 figs. 20-23 (Dacnitis) (s. Cuc. foveolatus, marinus) (in *Lota molva*; Edinb.).—Dies., 1851a, 240 (to Cuc.).—1861a, 649-650 (in S. f., S. trutta; Remi); 1861, 275.—Ifoer, 1904a, 230 (in *Trutta fario*).—Lane, 1916, IJMR, 93, 94, 95.—Linst., 1890d, 183-184, figs. 12-16 (in T. f.); 1909, 57, fig. 20 (in T. trutta).—Mol., 1861c, 305.—Rail. & Henry, 1914, 682.—Stewart, 1914, 174.—Stiles & Hass., 1905b, 98.

DACNITIS—Continued.

- heterochrous* (Rud., 1802) Ben., 1858a, 1861a, 272 (in intest., plie) (s. *Cucullanus platessæ*, *heterochrous*, *soleæ*, *Dacnites esuriens*).—Dies., 1861a, 649 (so. e.).—Stoss., 1888a(b), 291(15) (so. *Het. foveolata*); 1898, 78.
- hians* Duj., 1845a, 270–271 (*Muræna conger*; Rennes) (s. ? *Cucullanus foveolatus*, pars).—Dies., 1851a, 241 (so. *Cuc. fov.*); 1861a, 650 (s. *Cuc. fov.*) (in *Conger vulg.*, Rennes; *C. cassinii*; *Muræna helena*; Nap.).—Carus, 1884, 174.—Krøyer, 1846–53a, 615; 1852–53a, 1226 (in *Anguilla conger*).—Lane, 1916, IJMR, 93.—Linst., 1878a, 272 (in *Conger vulg.*).—Lint., 1901, 410 436, figs. 203, 204 (in *Leptocephalus conger*).—Mol., 1861c, 305, 309 (*hyans*, 309).—Rail. & Henry, 1914, 682.—Stewart, 1914, 174.—Stiles & Hass., 1905b, 98.—Stoss., 1888a, 293(17) (to *Het.*).
- hyans* Mol., 1861c, 309 (for *hians*).
- lavis* Heitz in Zsch. & Heitz, 1914, 200, 220–226, pl. 7 fig. 1 (in *Salvelinus malma*; Kamtschatka).
- longicollis* Stoss., 1899a, 6, figs. 10–12 (in *Mullus barbatus*; Istria).—Lane, 1916, IJMR, 94.—Rail. & Henry, 1914, 682 (in *M. b.*).
- marina* Müell., 1779, Rail. & Henry, 1914, 682 (in *Gadus morrhua*) (s. *gadorum*).—Lane, 1916, IJMR, 93.
- platessæ* Ben., 1871a, 76 (in *Platessa vulg.*; Belgium).—Linst., 1878a, 246 (in *P. v.*).
- præcincta* (Duj. 1845) Rail. & Henry, 1914, 682 (int. du congré).—Lane, 1916, IJMR, 93.
- præcinctus* (Duj., 1845) Stoss., 1892b, 73(10) (in *Conger vulg.*; Nap.); 1898, 77–78.
- rotundata* Mol., 1859h, 27 (in *Cantharus vulg.*; Padua).—Carus, 1884, 174.—Dies., 1861a, 649 (in *C. v.*; *P.*).—Linst., 1878a 212 (in *C. v.*).—Rail. & Henry, 1914, 682 (in *C. v.*).—Stewart, 1914, 174.—Stoss., 1888a, 293(17) (to *Het.*).—Also reported for *C. lineatus*.
- sphærocephala* (Rud., 1809) Duj., 1845a, 271–272 (in *Accipenser microcephalus*, *A. sturio*; Paris, Berl.) (s. *Pleuror.*) (in *A. s.*).—Ben., 1858a(1861a), 272–274 (in *A. s.*); 1871a, 23 (in *A. s.*).—Cobbold, 1858b, 162, pl. 33 fig. 51 (in *A. s.*).—Dies., 1851a, 245 (to *Ophiost.*); 1861a, 650–651 (s. *Cucullanus acipenseris*).—Jæskeläinen, 1913, 93, 248 (in *Coregonus lavaretus*; Finland).—Lane, 1916, IJMR, 93.—Linst., 1878a, 276 (in *Acipenser schypa*); 1909, 57, fig. 19 (in *A. st.*).—Lint., 1901, 410, 435, fig. 200, 201.—Mol., 1861c, 305.—Rail. & Henry, 1914, 682.—Stewart, 1914, 174.—Stiles & Hass., 1905b, 98.—Stoss., 1888a, 292(16) (to *Het.*).—Also reported for *Accipenser stellatus*, *A. gueldenstädtii*.
- squali* Duj., 1845a, 272 (in *Squalus galeus*; Mus. Wien, Paris) (s. *Cucullanus squali-galei*).—Dies., 1851a, 243 (to *Cuc.*); 1861a, 651 (in *Gadus lapsus* for *Galeus*) (*canis*).—Lane, 1916, IJMR, 93, 99.—Linst., 1878a, 278 (in *Galeus canis*).—Mol., 1861c, 305.—Oerley, 1885a, 103, 105–106 (in *G. c.*); 1885b, 217.—Rail. & Henry, 1914, 682.—Stewart, 1914, 174.—Stiles & Hass., 1905b, 98.—Stoss., 1888a, 293(17) (to *Het.*).
- stelmioides* Vessicelli, 1910, *Monitore ZI*, v. 21 (11–12), 304–307 (in *Petromyzon planeri*; Sarno).—Lane, 1916, IJMR, 94.—Rail. & Henry, 1914, 682 (in *P. p.*).
- DACNITOIDES Ward & Magath, 1917 (for 1916), JP, 60 (mt. *cotylophora*) (*Spiruroidea*).
- cotylophora* Ward & Magath, 1917 (for 1916), 60–61, figs. 6–7 (in *Perca flavescens*, *Stizostedion vitreum*; Lake St. Clair).
- DACNITTS Ben., 1871a, 56 (misprint for *Dacnitis*).
- gadorum* [Ben., 1858] Ben., 1871a, 56 (in *Morrhua vulg.*; Belgium) [marked as n. sp., see however *gadorum* 1858].
- DACTYLIUS Curling, 1839a, 274–287 (mt. *aculeatus*) [not *Dactylus* 1753, moll.; not *Dactylum* Megerle, see Scudd., 1884, mollusk]; 1840a, 33–34.—Dies., 1851a, 259.—Stiles & Hass., 1905b, 98 [an annelid].
- aculeatus* Curling, 1839a, 274–287, pl. 4 figs. 1–5 (in *Hominis vesica urinaria*; by Curling); 1840a, 33–34, figs. 20–22.—d'Almeida Couto, 1872, 26.—R. Bl., 1889a, 703 (so. *Enchytræus albidus*) (in *Homo*).—Cobbold, 1866, 9; 1866n, 23 (so. *E. a.*).—Dav. 1877, cxiii, 296.—Dies., 1851a, 359 (in *H.*; by Drake).—Dungl., 1893, 820.—Küech., 1855, 463.—Lankester, 1857c, 438–443.—Moq. Tand., 1860, 386.—Sieb., 1840, 187.—Stiles & Hass., 1905b, 98.—Weinl., 1858a, 90; 1859, 284–285.—Willey, 1863a, 19–20.

- DAENITIS** Linst., 1900, 130 (misprint for Dacnitis).—Stiles & Hass., 1905b, 98.
- DAGDA** Southern, 1914, 29 (mt. *bipapillata*) (Anguillulidæ).
bipapillata Southern, 1914, 30–31, pl. 4 figs. 10a–g (Blacksod Bay).
- DARYLAIMUS** Linst., 1878a, 343 (misprint for Dorylaimus).—Stiles & Hass., 1905b, 98.
- DECRUSIA** Lane, 1914, July, 386 (tod. *decrusa* = *decrusi*) [Strongyloidea].
additicia Lane, 1915, IJMR, v. 3, 106 (for Str. *additictus*): 1917, *ibid.*, 430.
decrusa Lane, 1914, 386–387 (for *decrusi*).
decrusi Lane, 1914, 386–387, pl. 52 figs. 15–24 (in *Elephas indicus*: Travancore).
- DELETROCEPHALE** Rail. & Henry, 1911, 574 (tribe of Strongylinae, containing Deletroc., Codiost.); 1912, 565.
- DELETROCEPHALIDEA** Dies., 1861a, 621, 714–715 (subf. of Strongylidea, contains Deletroc., Diaphanoc.).—Carus, 1863, v. 2, 463.
- DELETROCEPHALINÆ** Rail., 1916, RMv, 521.
- DELETROCEPHALUS** Dies., 1851a, 82, 298 (mt. *dimidiatus*).—Carus, 1863, 463.—Goldb., 1855a, 112.—Hall, 1916a, 121, 122.—Linst., 1907, v. 3 (3), 251–259, pls. 6–7 figs. 1–22.—Mol., 1861a, 436, 538, 539, 567–574 (12, 114, 115, 143–150).—Olss., 1869b, 488.—Rail. & Henry, 1909b, 171: 1911, 574, 575; 1912, 565.—Scudd., 1884a, 103.—Stiles & Hass., 1905b, 98.
amphisbænæ Mol., 1861a, 577 (153) (in *Amphisbæna kingii*: Caiçara).—Linst., 1878a, 191 (in *Anops kingii*).—Stoss., 1899d, 132 (78) (to Sclerost.).
brachylaimus Linst., 1901b, 410–411, figs. 1–2 (to Str. (Deletroc.)) (in *Heterohyrax mossambica*: Rukwa-See, Africa); 1907, 254.
dimidiatus Dies., 1851a, 298 (in *Rhea americana*: Brazil): 1855, 183, pl. 6 figs. 17–24; 1861a, 621, 714–715 (in R. a.; B.).—Hall, 1916a, 122.—Mol., 1861a, 575–577 (151–153), pl. 8 figs. 1–3.—Rail. & Henry, 1909b, 171: 1911, 574–575, fig. 2 (in R. a.).—Schneid., 1866a, 136 (to Str.).—Stiles & Hass., 1905b, 98.—Stoss., 1899d, 105 (to Sclerost.).
dimidiatus major Mol., 1861a (b), 575, (151) (in *Rhea americana*: Caiçara, S. America).
dimidiatus minor Mol., 1861a (b), 575 (151) (in *Rhea americana*: Ytararé, S. America).
stylosus Linst., 1907, 254, pl. 6 figs. 9–10 (in *Rhinoceros africanus*: Deutsch. Ost-Africa).—Skrj., 1916, 44, 92, 151 (type of *Kiluluma*) (in R. a.).
- DEMANIA** Southern, 1914a, 41–42.
major Southern, 1914a, 42–43, pl. 7 figs. 20a–c (Clew Bay).
minor Southern, 1914a, 43–44, pl. 7 figs. 21a–c (Clew Bay).
- DEMANIA** Steiner, 1914, AHP, 427 (apparently lapsus for *Demaniella*).
cibourgensis Steiner, 1914, AHP, 427, figs. 12–14 (same as *Demaniella cib.*).
- DEMANIELLA** Steiner, 1914, AHP, 426 (mt. *cibourgensis*).
cibourgensis Steiner, 1914, 420, 426–427, figs. 12–14 (in *fauligem Gras*: bei Cibourg, Switz.).
- DEMONEMA** Cobb, 1894c, 392–394 (mt. *rapax*).—Stiles & Hass., 1905b, 99.
rapax Cobb, 1894c, 393–394, figs. 5, i–iv (Bay of Nap.)—Stiles & Hass., 1905b, 99.
- DENTOLAIMUS** Zool. Rec. 1881 (for 1880), v. 17, Index, 4 (misprint for *Deontolaimus*).—Stiles & Hass., 1905b, 99.
- DEONTOLAIMUS** Man, 1880a, 3–4 (mt. *papillatus*).—Stiles & Hass., 1905b, 99.—See also *Dentolaimus*.
papillatus Man, 1880a, 4 (free; Walcheren Isl.).—Stiles & Hass., 1905b, 99.
tatricus Daday, 1896, Mte, 409–410.
- DERAIOPHORONEMA** Romanovitch, 1916, CrSB, v. 79, 745 (mt. *cameli*).
cameli Romanovitch, 1916, 745–746 (in *Camelus bactrianus*: Kirghiz, Steppes).
- Dermatitis granulosa** s. d. *verminosa puriens*.—Does, 1905, GTNI, 512–514; 1906, GTNI, 303–309, figs. 1–16 (see *Dermofil. irritans*).
- DERMATOXYS** Schneid., 1866a, 29, 123–124 (mt. *veligera*), 243.—Hall, 1916a, 65, 99, 103; 1916b, 518.—Rail. & Henry, 1916, CrSB, 114.—Rollest., 1888a, 681.—Seur., 1915, in 24–31, 9 figs.—Stiles & Hass., 1905b, 99.

DERMATOXYYS—Continued.

getula Seur., 1915, BSHnA, 24-28, 30, 31, figs. 1-5 (in *Xerus getulus*; Maroc.); 1915, CrSB, 78, 79.—Hall, 1916, 99, 103-105, figs. 128-132 (in *Atlantoxerus getulus*; Morocco).

veligera (Rud., 1819) Schneid., 1866a, 123-124, 287, pl. 12 fig. 4, pl. 24 fig. 16 (in *Lepus brasiliensis*; Ing.)—Hall, 1916a, 99-102, figs. 122-127 (in *L. californicus melanotis*, *L. kabilicus*, *Sylvilagus auduboni baileyi*, *S. brasiliensis*, *S. nuttalli pinetis*; Algeria, Brazil, U. S. A.).—Linst., 1878a, 27 (in *L. b.*).—Rail. & Henry, 1916, CrSB, 114.—Seur., 1915, CrSB, v. 78, 75-79 (18-21), figs. 1-4 (in *L. b.*; Brazil; *L. k.*; Algeria); 1915, 27 (in *L. b.*, *L. k.*).—Stiles & Hass., 1905b, 99.

DERMOCOLEX Villot, 1875a, 456 (probably misprint for *Desmoscolex*).

DERMOFILARIA Rivolta, 1884c, 128-134 (mt. irritans); 1868b, 578 [nv.]; 1868c, 241 [nv.].—Stiles & Hass., 1905b, 99.

irritans Rivolta, 1884c, 128-134 (in *Equus cab.*; Italy); 1868b, 578 [nv.]; 1868c, 241 [nv.].—Addario, 1885, 145.—A., D., & E., 1901b, 18 (to Fil.).—Baruchello, 1889a, 230.—Descazeaux, 1915, 473, 476.—Fiebiger, 1912a, 233.—Lingard, 1905, 40 (to Fil.).—Miranda, 1904, 438-443.—Nev.-Lem., 1912a, 797.—Rail., 1893a, 508 (to Fil.); 1915, 511; 1915, IVC, 748 (in horse, ox).—Rail. & Henry, 1915, 696, 699.—Seur., 1916, 354.—Stiles & Hass., 1905b, 99.—Ward, 1895a, 339 (in *Equus cab.*).—Also reported for *E. asinus*.

DESMIDOCERCA Skrz., 1916, 461-462, 463, 530-531 (mt. tod., ærophila) (*Spirurata*).

aerophila Skrz., 1916, 461, 531-533, figs. 43-46 (in *Ardea cinerea*, *Phalacrocorax carbo*; Aoulié-ata, Russian Turkestan).

DESMODORA Man, 1889b, 9 (tod. communis) (s. pars *Spilophora*).—Stiles & Hass., 1905b, 99.

communis (Büetsch., 1874) Man, 1889b, 9 (free; Walcheren).—Stiles & Hass., 1905b, 99.

sanguinea Southern, 1914a, 27-28, pl. 3 figs. 9a-e (Clew Bay).

scaldensis Man, 1889b, 9; 1907, 69, 87 (Zealand).

serpentulus Man, 1907, 87 (Zealand).

DESMOLAIMUS Man, 1880a, 14-15 (mt. zeelandicus); 1907, 81.—Stiles & Hass., 1905b, 99.

balatonicus Daday, 1894, Mte, v. 12, 131; 1897, v. 2 (1), 90-91, figs. 63-64 (aquatic; Balaton).—Man, 1907, 81.

zeelandicus Man, 1880a, 14-15 (free; Walcheren); 1907, 81.—Schneid., 1906, 626.—Stiles & Hass., 1905b, 99.

DESMOSCOLECIDÆ Schep., 1908f, 181-204.—Southern, 1914a, 61-62.

DESMOSCOLEX Clap., 1863a, 89-90 (mt. minutus).—Hempelm., 1912a, 108.—Panceri, 1878 (for 1876), AASm, v. 7, 2.—Schep., 1907, v. 31, 132-161, figs. 1-25; 1908f, 181-201 (free nematodes).—Shipley, 1901b, 159.—Stiles & Hass., 1905b, 99.

adelphus Greef, 1869a, 113-114.—Schep., 1908f, 191, 192, pl. 8 figs. 17-19 (Bergen).

adriaticus Schep., 1907a, 139-140, fig. 5 (Bergen, Rovigno, Brindisi, Nap.); 1908f, 188, 191, 192, pl. 8 fig. 24, pl. 9 figs. 1-2 (marine; Europe).

annulatus Schep., 1907a, 138-139, fig. 3 (Nap.); 1908f, 188, 192, pl. 8 figs. 8-9 (free; Nap.).

bergensis Schep., 1907a, 142-143 (Bergen); 1908f, 191, 192, pl. 8 figs. 29-31 (B.).

brevirostris Southern, 1914a, 63-64, pl. 11 figs. 30a-d (Clew Bay).

chatogaster Greef, 1869a, 114-115, pl. 6 figs. 11-12.—Schep., 1908f, 182, 189, 192, 200, pl. 8 fig. 25-28 (Bergen, Nap., Helgoland); 1908, 389.

elongatus Panceri, 1878 (for 1876), 3, 4, figs. 2-3 (marine).—Schep., 1908f, 190, 192, pl. 8 figs. 15, 16 (Nap., Ischia).—Hempelm., 1912a, 96, fig. 1.

grecffii Reinhard, 1881, ZA, 591-592 (Odessa).—Schep., 1908f, 191, 192, pl. 8 figs. 21-23 (Nap., Od.).

lanuginosus Panceri, 1878 (for 1876), 3-4, figs. 4-5 (marine).—Schep., 1908f, 189, 192, pl. 8 figs. 6-7 (free; Nap., Ischia).

longirostris Southern, 1914a, 62-63, pl. 11 figs. 29a-d (Clew Bay).

maximus Schep., 1907a, 141-142, fig. 7 (Nap.); 1908f, 186, 190, 192, 197, pl. 8 fig. 20, pl. 10 fig. 1 (N.).

DESMOSCOLEX—Continued.

- medius* Reinhard, 1881, ZA, 592 (Odessa).—Schep., 1908f, 190, 192, pl. 8 figs. 32, 33.
minor Schep., 1907a, 139, fig. 4 (Tiefseezone; Bergen): 1908f, 188, 192, pl. 8 figs. 13-14 (free).
minutus Clap., 1863a, 89-90, pl. 18 figs. 4-7 (apparently St. Vaast).—Greef, 1869a, 100-112, pl. 6 figs. 1-7.—Schep., 1908f, 181, 184, 186, 187-188, 189, 192, 193, 196, 197, 198, 199, 200, pl. 8 figs. 1-2, pl. 9 figs. 3-25, pl. 10 figs. 3-5, 7, 22 (free, marine; Europe).—Southern, 1914, PRIA, v. 31, 62 (Clew Bay).—Stiles & Hass., 1905b, 99.
nematoides Greef, 1869a, 112-113, pl. 6 fig. 8.—Schep., 1908f, 184, 186, 189-190, 191, 192, 193, 197, pl. 8 figs. 3-5, pl. 10 figs. 2, 6, 8-21 (Nap., Odessa).—Southern, 1914, PRIA, v. 31, 62 (Clew Bay).
norvegicus Schep., 1907a, 143, fig. 9 (Bergen): 1908f, 191, 192, pl. 8 figs. 10-12 (B.).
polydesmus Southern, 1914, PRIA, v. 31, 64-65, pl. 11 figs. 31a-c (Clew Bay).
profundus Schep., 1907a, 143-144 (Bergen): 1908f, 192, pl. 8 figs. 34-37 (B.).

DIAPHANOCEPHALUS Dies., 1851a, 82, 297-298 (tsd. *strongyloides*=*galeatus*): 1855, 181-182.—Carus, 1863, 464.—Goldb., 1855a, 112.—Mol., 1861a, 436, 538, 539, 578-581 (12, 114, 115, 154-157).—Olss., 1869b, 488.—Rail. & Henry, 1909b, 171 (so. Kalic.) (type *galeatus*).—Scudd., 1884a, 105.—Skrj., 1916, 41-42, 119-120.—Stiles & Hass., 1905b, 99.

appendiculatus (Mol., 1861) Rail. & Henry, 1909b, 171.

boæ (R. Bl., 1886) Rail. & Henry, 1909b, 171.

bothropis (Mol., 1861) Rail. & Henry, 1909b, 171.

brevipenis (Mol., 1861) Rail. & Henry, 1909b, 171.

costatus (Rud., 1819) Dies., 1851a, 297-298 (in *Hylophis laevicollis*, *Lachesis rhombeata*; Brazil, M. C. V.), 1861a, 715 (in H. 1., L. r.).—Mol., 1861a, 584-585 (160-161), pl. 8 fig. 6 (in *Erymnus macrolepidotus*, *Herpetodryas bicarinata*; B.).—Rail. & Henry, 1909b, 171.—Schneid., 1866a, 137 (to Str.).—Stiles & Hass., 1905b, 99 (in H. 1., L. r.).

ersilix (Stoss., 1896) Rail. & Henry, 1909b, 171.

galeatus (Rud., 1819) Rail. & Henry, 1909b, 171.—Skrj., 1916, 42, 120.

inermis (Mol., 1861) Rail. & Henry, 1909b, 171.

mucronatus (Mol., 1861) Rail. & Henry, 1909b, 171.

strongyloides Dies., 1851a, 297 (*galeatus* renamed) (in *Podinema teguixin*; Brazil, M. C. V.); 1855, 182, pl. 6 figs. 1-9; 1861a, 715.—Mol., 1861a, 581-584 (157-160), pl. 8 figs. 4-5 (in *Tenodon nigropunctatus*, P. t., P. scripta, *Thorichtis dracena*; B.).—Par., 1898, 15.—Schneid., 1866a, 135.—Stiles & Hass., 1905b, 99.—Stoss., 1899d, 103 (49).

strumosus (Mol., 1861) Rail. & Henry, 1909b, 171.

subulatus (Mol., 1861) Rail. & Henry, 1909b, 171.

vallei (Stoss., 1895) Rail. & Henry, 1909b, 171.

viperæ (Rud., 1819) Dies., 1851a, 298 (in *Vipera redii*; M. C. V.).—Mol., 1861a, 585 (161).—Rail. & Henry, 1909b, 171.—Stiles & Hass., 1905b, 99.—Stoss., 1898, 87.

willeji (Linst., 1904f) Rail. & Henry, 1909b, 171.

DICELIS Duj., 1845a, 106, 107-108 (mt. *filaria*) [not *Dicelis* Stimps., 1857, worm].—Dies., 1851a, 136; 1861a, 627.—Mol., 1857a, 151.—Rail., 1916, RMv, 520.—Schneid., 1866a, 126 (close to Str.).—Stiles & Hass., 1905b, 99.

filaria Duj., 1845a, 108, pl. 3 fig. H (in *lumbrics* [*Enterion* (*Lumbricus*) *terrestris*]; Paris).—Cobbold, 1875o, 898; 1879, 343.—Dies., 1851a, 137 (in Ent. t.; P.).—Johns., 1913, 606, 608 (in *Lumb. ter.*).—Leidy, 1877, 197.—Magal., 1905a, 317 (*Discelis*).—Stiles & Hass., 1905b, 99.

DICENTROCEPHALUS Dies., 1861a, 727 (for *Dikentroc.*) (type *crinalis*).—Stiles & Hass., 1905b, 99.

DICERAS Rud., 1810a, 258 (= *Ditrachyceros* Herm., renamed) (mt. *rude*) [not *Diceras* Lam., 1805, mollusk; not *Diceros* Gray, 1821, mammal].—Stiles & Hass., 1905b, 99.

rude Rud., 1810a, 258-261, pl. 12 fig. 5 (in *Homo*; by Sultzcr); 1819a, 184.—Stiles & Hass., 1905b, 99.

- DICHEILONEMA**¹ Dies., 1861a, 620, 707-709 (tsd. ? labiatum).—Hall, 1916a, 222.—Olss., 1869b, 488.—Stiles & Hass., 1905b, 99-100.
- acutum* (Dies., 1851) Dies., 1861a, 707-708 (in *Podiceps cristatus*, P. cornutus).—Stiles & Hass., 1905b, 99.—Stoss., 1897b, 58 (to Fil.).
- bifidum* (Mol., 1858) Dies., 1861a, 707 (in *Dactylomys amblyonyx*; Brazil).—Hall, 1916a, 221 (to Fil.).—Stiles & Hass., 1905b, 99.—Stoss., 1897b, 61 (to Fil.).
- bilabiatum* (Dies., 1851) Dies., 1861a, 707 (in *Sterna leucopareia*; M. C. V.).—Stiles & Hass., 1905b, 99.—Stoss., 1897b, 61 (to Fil.).
- bispinosum* (Dies., 1851) Dies., 1861a, 709 (s. Fil. *boaë-constrictoris*) (in *Boa constrictor* at Phila.; *Ophis sauroc.*, *Thamnobius pœcilost.* in Brazil).—Stiles & Hass., 1905b, 100.—Stoss., 1897b, 62 (to Fil.).
- conicum* (Mol., 1858) Dies., 1861a, 708 (in *Cavia acuschy*; Brazil).—Hall, 1916a, 222 (to Fil.).—Stiles & Hass., 1905b, 99.—Stoss., 1897b, 65 (to Fil.).
- fusiforme* (Mol., 1858) Dies., 1861a, 709 (in *Monasa tranquilla*; Brazil).—Stiles & Hass., 1905b, 100.—Stoss., 1897b, 68 (to Fil.).
- horridum* (Dies., 1851) Dies., 1861a, 709 (in *Rhea americana*; Brazil).—Leiper, 1911, 620-621 (in ostrich; S. A.) (*horrida*).—Stiles & Hass., 1905b, 100.—Stoss., 1897b, 48 (to Fil.).
- labiatum* (Crep., 1825) Dies., 1861a, 708 (in *Ciconia nigra*; Greifsw., Paris).—Hall, 1916a, 222.—Stiles, 1907, 32 (? s. Fil. *ciconiæ*).—Stiles & Hass., 1905b, 99.—Stoss., 1897b, 41 (to Fil.).
- labiotruncatum* (Mol., 1858) Dies., 1861a, 708 (in *Tinamus adpersus*, T. variegatus, T. strigosus; Brazil).—Stiles & Hass., 1905b, 99.—Stoss., 1897b, 70 (to Fil.).
- rubrum* (Leidy, 1856) Dies., 1861a, 708 (in *Labrax lineatus*; America).—Stiles & Hass., 1905b, 99.—Stoss., 1897b, 79 (to Fil.).
- species Robertson, 1909, v. 34, 642 (in ostrich; Cape of Good Hope).
- DICHEILOSTOMI** Dies., 1851a, 264, 276-278 (subsection of Cheilostomi of Fil., see *Dicheilonema*).—Mol., 1858, 411.—Stiles & Hass., 1905b, 100.
- DICHELYNE** Jægers., 1902, ZA, 564 (tod. fossor); 1909, 46.—Hall, 1916a, 64.—Rail. & Henry, 1912, 562.—Seur., 1915, v. 78, 22.
- fossor* Jægers., 1902, v. 25, 564-565 (in *Lates niloticus*; Africa); 1909, 46-66, pls. 3-4 figs. 16-23 (in L. n.; Omdurman).
- DICTOPHYME** Pearse, 1914, v. 3, 568 (for *Diectophyme*).
- DICTYOCAULUS** Rail. & Henry, 1907a, 752 (tod. filaria): 1909a, 86; 1912, 566; 1913, 454.—Frœhner, 1915a, 738.—Nev.-Lem., 1912a, 644; 1912, v. 154, 1311-1312; 1912, v. 37, 238-241, 1 fig.—Pratt, 1916a, 222.—Romanovitch & Slavine, 1914, CrSB, 444-445.
- arnfieldi* (Cobbold, 1884) Rail. & Henry, 1907a, 752 (in *Equus cab.*, E. asinus); 1910, 313 (in *Tapirus indicus*; Alfort).—Craig, 1915, 503 (treatment).—Fiebiger, 1912a, 264.—Nev.-Lem., 1912a, 704.—Pillers, 1912, v. 25, 167.—Rail., 1915, 505 (in equides, tapir); 1915, IV C, 744 (in horse, tapir).—Rail. & Henry, 1910, 313 (in *Tapirus indicus*).
- filaria* (Rud., 1809) Rail. & Henry, 1907a, 752 (in *Ovis aries*, chèvre).—Craig, 1915, 506 (treatment).—Fiebiger, 1912a, 259. Hall, 1916a, 162.—Leiper, 1911, PZSL, 620-621.—Maupas & Seur., 1916, 617.—Nev.-Lem., 1912, v. 154 (20), 1311-1312; 1912a, 689; 1912, v. 37 (7), 238-241, fig. 1.—Pratt, 1916a, 222.—Rail., 1915, 505; 1915, IV C, 744 (in sheep, goats).—Romanovitch & Slavine, 1914, CrSB, v. 77 (27), 444-445.—Seur., 1913, 83, figs. 1-6; 1916, 343.
- micrurus* (Mehl., 1831) Rail., 1915, 505; 1915, IV C, 744 (in ox, deer, goat).—Maupas & Seur., 1916, 617.
- nærneri* Rail. & Henry, 1907a, 752 (in chevreuril; après Nærner).
- rufescens* (Leuck., 1865a) Pratt, 1916a, 222.

¹ The subsection *Dicheilostomi*, 1851, which was later (1861) raised to generic rank, originally contained *Fil. labiata*, *F. physalura*, *F. obtuso-caudata*, *F. bilabiata*, *F. acuta*, *F. horrida* and *F. bispinosa*. By the principle of virtual tautonymy *bilabiata* would first come into consideration as type, but such a choice is contraindicated by the lack of details given for this worm in both 1851 and 1861. The history of the genus strongly indicates *F. labiata* as type, unless there are other reasons why this should not be taken. *F. labiata* was the best known species in 1851.

DICTYOCAULUS—Continued.

viviparus (Bloch, 1782) Rail. & Henry, 1907a, 752 (s. *Str. micurus*) (in *Bos taurus*).—Craig, 1915, 503 (treatment).—Fiebiger, 1912a, 260.—Hut. & Mar., 1913b, 73.—Nev.-Lem., 1912, 239; 1912a, 693.—Romanovitch, 1915, 452 (in *Tarandus rangifer*).—Seur., 1914, 634; 1916, 343.

DICTYOMYRII Schneid., 1866a, 330, 331 (group, based upon muscles).

DIKENTROCEPHALUS Wedl, 1855a, 384–385, 394 (mt. *crinalis*).—Stiles & Hass., 1905b, 100.—See *Dicentroc*.

crinalis Wedl, 1855a, 384–385, 394, pl. 3 figs. 18–20 (in *Lophius piscatorius*; Trieste).—Dies., 1861a, 727 (in *L. p.*; T.).—Stiles & Hass., 1905b, 99–100.

DIOCTOPHYME Scudd., 1884a, 99 (misprint for *Diocetophyme*).—Stiles & Hass., 1905b, 100.

DIOCTOPHYMA Lamour., 1824a, 515 (for *Diocetophyme*).—Encycl. méth., Par., v. 2, 1824, 253.

DIOCTOPHYME Collet-Meygret, 1802a, 458–464, figs. 1–4 (mt. *renale*).—[Albrecht, 1696, 226–227.]—R. Bl., 1888a, 727 (so. *Eustr. gigas*).—Brumpt, 1913a, 534.—Cast. & Chalm., 1910a, 429.—Cuv., 1817a, 34.—Chiaje, 1825a, 8 (so. *Str. gigas*).—Dies., 1851a, 327 (renamed *Eustr.*).—Duj., 1845a, 113 (so. *Str. g.*).—[?Fabri, 1691 (1690), 455–456.]—F., S., T., 1916a, 431.—R. Leuck., 1868, 389.—Pratt, 1916a, 222.—Rail. & Henry, 1912, 562.—Rivolta, (1867), I.—Rud., 1809a, 211 (so. *Str. g.*).—Stiles, 1914, MM. 271.—Stiles & Hass., 1896c, 159–160; 1905b, 100.—See also *Diocetophyma*, *Eustr.*, *Diocetophyme*, *Diocetophyme*.

affinis Leidy in Stiles & Hass., 1894e, 343 (in *Simia satyrus*).

gigas (Rud., 1802) Stiles & Hass., 1894e, 343 (in *Canis fam.*, *Putorius vison*; by Leidy).—F., S., & T., 1916a, 431, 432, figs. 306–307.—Pratt, 1916a, 222.—Shaw, 1901, 1029.—Stoss, 1899, 58 (to *Eustr.*). Ward, 1895a, 302, fig. 62 (s. *Asc. canis*, *martis*, *visceralis*, *renalis*, *Str. renalis*, *gigas*, *Eustr. visceralis*, *gigas*), 330, 333, 339, 342 (in *Bos taurus*, *Canis fam.*, *Equus cab.*, *Homo*).

renale (Goeze, 1782) Stiles, 1901r, 167; 1907e, 624; 1914, MM. v. 2, 316.—[Balbiani, 1869b; 1869c, 1091–1095 (development of eggs); 1870a, 51–56; 1870b, 139–140, 311; 1870c, 180–194, pl. 2.]—Guiart, 1910a, 469.—Hall, 1916, JAVMA, v. 50, 370, 371 (1–2) (American cases).—Halsted, 1909, 175–199, pls. 2–3 (in dogs).—Martin & McKittrick, 1917, 383, fig. 23.—Pratt, 1916a, 222, fig. 354.—Riley, 1916, JAVMA, Sept., 301–309; 1917, Cornell Vet, v. 7, 43–45.—Riley & Chandler, 1915, 1–2, 5 figs.; 1916, Cornell Vet, v. 6 (4), Oct., 209–212, pls. 1–2, figs. 1–5.—Stiles & Hass., 1905b, 100.—Ward, 1903, 407; 1903, 220 (s. *Asc. canis*, *martis*, *visceralis*, *Str. gigas*, *Eustr. gigas*, *visceralis*); 1907, 207; 1916, 693.

renalis (Goeze, 1782) Cast. & Chalm., 1910a, 429.

visceralis (Gmel., 1790) Stiles & Hass., 1896c, 159–160.—Crawford, 1898b, 505.—Nev.-Lem., 1912a, 775.—Rail., 1915, 511; 1915, IVC, 748.—Sommer, 1897a, 95 (*Homo*; U. S. A.).—[Sterck, 1740a, 10.]—Stiles, 1898a, 469–471, figs. 1–13 (s. *gigas*, *Asc. canis*, *martis*, *renalis*, *Fus. renalis*, *Str. gigas*, *renalis*, *Eustr. gigas*) (in *Canis fam.*, *C. lupus*, *C. azaræ*, *C. jubatus*, *Gulo luscus* [G. *arcticus*], *Homo*, *Lutreola lutreola* [Mustela *lutreola*], *L. vison*, *Putorius vison*, *Lutra vulg.*, *L. solitaria*, *Mustela martes*, *M. foina*).

DIOCTOPHYMIDÆ Rail., 1915, RMv, 493, 511; 1915, IVC, 735, 748; 1916, RMv, 521.—F., S., & T., 1916a, 375, 431.—Ward, 1916, 693.

DIOCTOPHYMINÆ Rail. [nv.].—Cast. & Chalm., 1910a, 429; 1913a, 561.

DIOCTOTHYME Riley, 1916, JAVMA, 301 (misprint for *Diocetophyme*).

DIODONTOLAIMUS Southern, 1914 a, 31 (mt. *sabulosus*) (Anguillulidæ).

sabulosus Southern, 1914a, 31–32, pl. 4 figs. 11a–f (Blacksod Bay).

DIONIX Magal., 1905a, 315 (for *Dionyx*).

DIONYX Perrier, 1881a, 242 (mt. *lacazii*) [not *Dionyx* Lep. Serv., 1825, coleopt.; not Geoff., 1835, mam.].

lacazii Perrier, 1881a, 242–243, figs. 44–47 (in *Pontodrilus*; by Perrier).

lacazei Magal., 1905a, 315–316 (in *Pontodrilus marioni*) (Dionix).

DIPELTIS Cobb, 1891c, 155–158 (tod. *typicus*) [renamed *Diplopeltis* Cobb, 1905] [not *Dipeltis* Packard, 1885, crust.].—Southern, 1914, PRIA, v. 31 (54), 1518.—Stiles & Hass., 1905b, 100.

*cirrhatu*s (Eberth, 1863) Cobb, 1891c, 156–157 (free; Med.).—Stiles & Hass., 1905b, 100 [type of *Discophora* 1875].

DIPELTIS—Continued.

incisus Southern, 1914, 17–18, pl. 2 figs. 5a–e (Clew Bay).

minor Cobb, 1891c, 156 (Ceylon).—Stiles & Hass., 1905b, 100.

typicus Cobb, 1891c, 157–158, fig. 9 i–iv (Bay of Nap.).—Southern, 1914, 15–17, pl. 3 figs. 4a–f (Blacksod Bay) (var. unnamed).—Stiles & Hass., 1905b, 100.

DIPETALONEMA¹ Dies., 1861a, 620, 703–704 (tsd. probably *Fil. caudispina*).—Ols., 1869b, 488.—Stiles & Hass., 1905b, 100 (type probably *caudispina*).

caudispina (Mol., 1858) Dies., 1861a, 703–704 (in *Simia*).—Linst., 1899b, 22 (so. *Fil. gracilis*).—Stiles & Hass., 1905b, 100.—Stoss., 1897b, 132 (120) (so. *Gonylonema filiforme*).

inflexum Dies., 1861a, 704 (*Fil. dipetala* renamed) (in *Platyrrhynchus pitangua*; Brazil).—Stiles & Hass., 1905b, 100.—Stoss., 1897b, 67 (55) (so. *Fil. d.*).

mucronatum (Mol., 1858) Dies., 1861a, 704 (in *Boa constrictor*; Padua); 1861, 280.—Stiles & Hass., 1905b, 100.—Stoss., 1897b, 73 (61) (to *Fil.*).

DIPHTherOPHORA Man, 1880a, 62–63 (mt. *communis*).—Stiles & Hass., 1905b, 100.

communis Man, 1880a, 63 (in moist soil; Holland).—Stiles & Hass., 1905b, 100.

DIPLASIA von Holten, 1802a, 27 [Nematode?] (mt. *trichiuri*).

trichiuri von Holten, 1802a, 27, pl. 2 fig. 8 (in cav. abd. of *Trichiurus gladius*) [Nematode?, looks like a cestode].—Fabr., 1805a, 27.

DIPLOGASTER Max Schultz, in Carus, 1857a, pl. 8 fig. 1 (mt. *micans*) [not *Diplogaster* Bigot, 1886, insect].—A., D., & E., 1901b, 8.—Bos. 1891, 8.—Büetsch., 1873a, 119; 1876, 231–236.—Cobb, 1893b, 264–276 (15–27).—Dies., 1861a, 627.—Ditlevsen, 1912, 215.—Fiebiger, 1912a, 225.—Jägers., 1909, 6, 28.—Hofmæn., 1913, 629–630.—Linst., 1890e, 489–493, figs. a–f; 1901c, in 182–198.—Looss, 1911a, 216, 217, 219, 321, pl. 13 figs. 129–132, 141–144.—Man, 1876a, 158–159; 1876b, 81–82; 1912, ZJ, v. 1, 440, 443, 445, 446, 447.—Metchn., 1863b, 502–509, pl. 12 figs. 1–9; 1864b, 141–148, 1 pl.—Oerley, 1880, 67, 112–113; 1885, v. 21 (1), 73–74.—Pratt, 1916a, 217.—Potts, 1908, v. 14, 373–375; 1909, JRMS (2), 187.—Shipley, 1896a, (1901b), 154, 155.—Schneid., 1866a, 51.—Stefanski, 1915, ZA, in 346–349, figs. 1–6.—Stiles & Hass., 1905b, 101.

aerivora Cobb, 1916, in Merrill & Ford, 1916, JAR, v. 6 (3), 121–127, fig. 3 (on ground; Manhattan, Kans.); 1917n, 436.

albus Bast., 1865c, 117, figs. 74–75 (in sandy soil; Broadmoor, Berks).—Cobb, 1893b, 266, 276 (17, 27) (Eng.).—Oerley, 1880a, 113, 116.

armatus Hofmæn., 1913, 631, pl. 16 figs. 19–21 (aquatic; Villeneuve).—Hofmæn. & Menz., 1915, 161–162.

australis Cobb, 1893b, 266, 267, 269 (17, 18, 20) (in grass; Australia).

bernensis Steiner, 1914, AHP, 425–426, figs. 10–11 (bei Bern, Switz.).

büetschlii Fuchs 1915, ZJ, 146–154, 156, 182, 183, 191, 195, 197, pl. 18 figs. 26–31, 33, 34, pl. 19 fig. 32 (on *Ips typhographus*).

clarus Linst., 1901c, 194, pl. 9 figs. 16–19 (in leaves of *Allium vineale*; near Gøtt.).

coprophages Man, 1876a (b), 159–160 (82–83), pl. 10 figs. 38a–c (Leiden).—Oerley, 1880a, 113, 115.—Silva Araujo, 1878b, 53.

crassoides Lauterborn, 1913, 871.

elpatiewskyi Daday, 1901, Mte. v. 24, 34–37; 1906, v. 24, 38, 54–55.

factor Bast., 1865c, 116–117, figs. 71–73 (aquatic; Bagshot).—Brakenhoff, 1914, v. 22, 289–290, pl. 1 fig. 10.—Büetsch., 1873a, 121.—Cobb, 1914, v. 33 (2), 76–78, pl. 2 fig. 3; 1914, 38, 42–44, 86, pl. 2 fig. 3.—Ditlevsen, 1912, 236–237.—Jägers., 1909, 28, 30, fig. 41.—Man, 1907, v. 7, 17.—Micol., 1913, 11; 1914, ZJ, 475–477; 1915, ZJ, 263.—Oerley, 1880a, 115 (so. *rivalis*).—Plotnikov, 1901, 246.

filicaudatus Büetsch., 1874b, 258–259, fig. 4 (in Kuhmist; Germany).—Cobb, 1893b, 266, 269 (17, 20) (in cow-dung; Germany).—Moniez, 1891e, 413.—Oerley, 1880, 113, 116.—Southern, 1914, PRIA, v. 31, 7 (Clare IIs.).

filiformis Bast., 1865c, 117, fig. 76–78 (in sandy soil; Broadmoor, Berks).—Cobb, 1893b, 266, 267, 279 (17, 18, 27) (Eng.).—Oerley, 1880, 113, 114.

¹ Probably *caudispina* should be taken as type, as it is the only species figured and of which both sexes were known; further, the material was abundant.

DIPLOGASTER—Continued.

- fluviatilis* Man, 1880a, 36-37.—Cobb, 1893b, 266, 267, 271 (17, 18, 22) (in water; Holland).
- gracilis* Büetsch., 1876a, 373, pl. 23 figs. 3a-c (in Mist; Ing.).—Cobb, 1893b, 266, 267, 274-275 (17, 18, 25-26) (in dung; Germany).—Ditlevsen, 1912, 237.—Man, 1912, ZJ, v. 1, 441.—Oerley, 1880a (b.) 113, 114 (101, 102).
- graminum* Cobb, 1893b, 266, 267, 270 (17, 18, 21) (in grass; Australia).
- hessi* Steiner, 1914, AHP, 423-424, figs. 6-7 (bei La Cîbourg, Switz.).
- hylobii* Fuchs, 1915, 195-199, 200, pl. 21 figs. 70-73 (in Hylobius).
- inermis* Büetsch., 1874b, 258, fig. 3 (on roots of garlic; Germany).—Cobb, 1893b, 266, 275 (17, 26) (on roots of garlic; Germany).—Oerley, 1880, 113, 117.
- intermedius* Cobb, 1906, 165, 189-190 (about roots of diseased cane; Hilo, H. I.).
- labiata* Cobb, 1916, in Merrill & Ford, 1916, JAR, v. 6 (3), 115-121, figs. 1-2 (on *Saperda tridentata*; Manhattan, Kans.).
- lacustris* Daday, 1894, Mte, v. 12, 136-137; 1897, v. 2 (1), 99-100, figs. 83-85 (free; Balaton).
- lineatus* Fuchs, 1915, ZJ, 199-202, pl. 21 figs. 74-78 (in Hylobius abietis).
- linstowi* Potts, 1910, QJMS, 439, 441, fig. 2 (Nap.).
- lirata* (Schneid., 1866) Oerley, 1885, MtK, v. 21 (1), 74-75, pl. 4 figs. 4-9.—Cobb, 1893b, 276 (27) (liratus).—Looss, 1911a, 219, 274, 366, pl. 13 figs. 133-136.
- longicauda* Claus, 1862b, 355-359, pl. 35 fig. 6 (in humus; by Claus).—Bos, 1889, 321; 1908, 67.—Cobb, 1893b, 266, 267, 275-276 (17, 18, 26-27) (in decaying fungi; Germany).—Conté, 1900, 376.—Ditlevsen, 1912, 237.—Krüger, 1913, 105 (longicaudus, quotes Ziegler).—Man, 1912, v. 1, 446.—Marcinowski, 1909, 41.—Oerley, 1880a, 113, 117; 1885, v. 21 (1), 74, pl. 3 figs. 1-5.—Potts, 1910, 439.
- macrodon* Oerley, 1880a (b.), 113, 114-115, 177 (101, 102-103, 165), pl. 6 fig. 24c-o, pl. 5 fig. 24, fig. a-b.—Cobb, 1893b, 266, 267, 273 (17, 18, 24) (Hungary).
- maupasi* Potts, 1910, QJMS, 439, figs. 1, 4, 5-6, 8 (Norfolk Broads).
- micans* Max Schultze in Carus, 1857a, pl. 8 fig. 1 (Ing.).—Bast., 1865c, 117, pl. 8 fig. 1.—Cobb, 1893b, 276 (27).—Dies., 1861a, 627.—Oerley, 1880, 115 (so. *rivalis*).—Stiles & Hass., 1905b, 101.
- minima* Cobb, 1893b, 266, 267, 269-270 (17, 18, 20-21) (on decaying outside sheaths of banana plants; Fiji).
- minor* Cobb, 1893b, 266, 268-270 (17-19), pl. 39 (4), figs. 1, 3, 4 (on decaying outside sheaths of banana plants; Fiji).—Krüger, 1913, 118.
- minor* Maupas, 1900a, 549-553 (free; Normandie, etc.).
- monhysteroides* Büetsch., 1874b, 259 (in Kuhmist; Germany).—Cobb, 1893b, 266, 268 (17, 19) (in cow dung; G.).—Oerley, 1880, 113, 114.
- nudicappitatus* Steiner, 1914, AHP, 424-425, figs. 8-9 (bei Bern, Switz.).
- parasiticus* Linst., 1907, 258, pl. 7 fig. 22 (in *Potamochoerus africanus*; Deutsch. Ost Africa).
- parvus* Cobb, 1893b, 266, 267-268 (17, 18-19), pl. 39 (4), figs. 1-5 (in banana plants; Fiji).
- rivalis* (Leyd., 1854) Büetsch., 1873a, 120-121 (s. *fictor*), fig. 68.—Brakenhoff, 1914, v. 22, 288-289.—Cobb, 1893b, 266, 267, 273-274 (17, 18, 24-25) (in fresh water algæ; Europe).—Ditlevsen, 1912, 236.—Hofmæn., 1913, 630-631.—Hofmæn & Menz., 1915, 160-161.—Jägers., 1909, 28-29, fig. 38.—Lauterborn, 1913, 871.—Oerley, 1880a, 113, 115, pl. 6 figs. 25a-b; 1885, v. 21 (1), 76-77.—Pratt, 1916a, 217, fig. 364.—Steiner, 1916, ZA, 344.
- robustus* Maupas, 1900a, 541-549, pl. 22 figs. 4-13, pl. 23 figs. 1-5 (in terreau noir; Algeria).
- roszkowskii* Stefanski, 1915, ZA, figs. 2a-b (Czarna River, Pologne).
- similis* Büetsch., 1876a, 370, pl. 23 figs. a-b (in Mist; Ing.).—Cobb, 1893b, 266, 267, 275 (17, 18, 26).—Oerley, 1880a, 113, 117.
- species* Brakenhoff, 1914, v. 22, 290 (in Gartenerde; Westerstede).
- species* Man, 1907, v. 7, 17-18 (in Seine).
- species* Steiner, 1916, ZA, v. 46, 335, fig. 11.
- striatus* Büetsch., 1876a, 372, pl. 23 figs. a-c (in fäuligen Massen auf der Oberfläche des Mains).—Cobb, 1893b, 266, 267, 272-273 (17, 18, 23-24) (in decaying masses; River Main, Germany).—Jägers., 1909, 28, 30, fig. 40.—Man, 1907, v. 7, 18.—Oerley, 1880a (b.), 113, 116 (101, 104).

DIPLOGASTER—Continued.

trichuris Cobb, 1893b, 256 (on celery; Sydney), 266, 267, 271–272 (7, 17, 22), fig. 3 (on grass; Australia).—Steiner, 1914, AHP, 424.

tridentatus Metchn., 1864b, 141–147, 1 pl. figs. A, B, a–n.—Oerley, 1880, 115 (so. *rivalis*).—Schneid., 1866a, 53.

viviparus Linst., 1879a, 166, pl. 11 figs. 3–4 (in fresh water and on water plants; Ing.).—Cobb, 1893b, 266, 267 (17, 18) (on water plants; Germany).—Jägers., 1909, 28, 29–30, fig. 39.

zschokkei Lauterborn, 1913, 871.

DIPLOGASTEROIDES Man, 1912, ZJ, v. 1, 439, 440, 447 (mt. *spengelii*) (Anguilulidæ).

spengelii Man, 1912, 439, 440–448, pl. 22 figs. 1–1p (in Rostkastanie; Greiz).

DIPLOLÆMUS Scudd., 1884a, 100 (for *Diplolaimus*, 1876) [not *Diplolæmus* Bell, 1843, reptile].

Diplolaimus Linst., 1876, 16–17 (mt. *gracilis*) [not *Diplolæmus* Bell, 1843, reptile].—Oerley, 1880, 67, 129.—Stiles & Hass., 1905b, 101.

gracilis Linst., 1876, 16–17, pl. 2 figs 38 (in sand; Ratzeburger See).—Jägers., 1909, 45–46, fig. 64.—Stiles & Hass., 1905b, 101.

DIPLODON Mol., 1861a (b), 435, 471–475 (tsd. *mucronatum*) [not *Diplodon* Spix, 1827, mollusk; not Nitzsch, 1840, bird; not *Diplodon* Marschall, 1873, for *Diplodon* Gerv., 1850; not *Diplodon* Roth, 1901, mammal; not *Diplodon* Gerv., 1850, mammal; not *Diplodonta* Bronn, 1831, mollusk; not *Diplodontus* Dug., 1834, arachnoid].—Linst., 1906, 92.—Rail., 1897, 1134; 1898, 174; 1899, 345; 1900d, 93 (so. Unc.).—Stiles & Hass., 1905b, 101.

mucronatum Mol., 1861a, 474–475 (50–51), pl. 3 fig. 1 (s. *Str. dasypodis-gilvipedis*; M. C. V.) (in *Dasypus gilvipes*; Brazil, M. C. V.).—Stiles & Hass., 1905b, 101.—Stoss., 1899d, 115 (61) (so. *Sclerost. diploodon*).—Also reported for *D. sexcinctus*.

quadridentatum Mol., 1861a (b), 475 (51), pl. 3 fig. 2 (s. *Str. simiæ-belzebul*) (in *Mycetes coraya*; Cujaba).—Stiles & Hass., 1905b, 101.—Stoss., 1899d, 115 (61) (so. *Sclerost. molini*).—Also reported for *Mycetes niger*.

DIPLOPELTIS Cobb, 1905, in Stiles & Hass., 1905b, 101 (tod. *typicus*) (*Dipeltis* Cobb, 1891c, not Packard, 1885, renamed).

typicus (Cobb, 1891c) Cobb, 1905, 101, in Stiles & Hass., 1905b, 101.

DIPLOSCAPTER Cobb, 1913, JWAS, v. 13, 442 (mt. *coronata*).

coronata (Cobb, 1893) Cobb, 1913, 442–443.

DIPLOTRIÆNA Rail. & Henry, in Henry & O'Zoux, 1909, v. 2 (9), 547 (tod. *ozouxi*) (subg. of *Fil.*, contains *F. affinis* R., *abbreviata* R., *obtusata* R., *attenuatoverrucosa* M., *filiformis* M., *quadriverrucosa* M., *ozouxi* n. sp., *pungens* S., *spermospizæ* L., *tricuspis* F., *paronai* S., *flabellata* L., *macrophallos* P., *chamoensis* P.); 1916, BSPE, 365.—Skrj., 1915, 132, 135; 1916, 543 (type *tricuspis*); 1916, 83, 147; 1917, P, 479, 480; 1916, 707, 722, 726, 732, 733 (fig.), 747 (*Filariidæ*) 750.

bargusinica Skrj., 1917, 471–473, pl. 18 figs. 9–10 (in *Turdus* sp.; Siberia).

ozouxi Rail. & Henry, in Henry & O'Zoux, 1909, v. 2 (9), 547, to *Fil.* (D.) (in *Faudias madagascariensis*; Nossi-Bé).—Skrj., 1916, 86, 149.

sokolowi Skrj., 1916, 83–86, 147–149, pl. 9 figs. 70–74 (in *Halcyon senegaloides*; Brit. E. Africa).

spermospizæ (Linst., 1879) Skrj., 1916, 84, 147.

tinamicola Skrj., 1916, 707, 726–727, 750–751, figs. 15–17 (in *Tinamus* sp.; Paraguay.)

tricuspis (Fedtsch., 1874) Seur., 1915, 17–21, figs. 16–20 (in *Alæmon duponti*, *Corvus corax tingitanus*, *Garrulus glandarius cervicalis*, *Galerida theklæ hilgerti*, *Motacilla flava flava*); 1916, 343.—Rail. & Henry, 1916, BSPE, 365.—Skrj., 1915, VOv, 131, 132, 135–137, 138; 1916, 543–546 (in *C. corone*, *C. frugilegus*).

DIPLOTRIÆNINÆ Skrj., 1916, 750; 1917, P, 471, 480 (contains *Diplotriæna*, *Serratospiculum*, *Contortospiculum*).

- DIPODIUM** Bosc, 1812a, 72-73 (mt. apiarium) [an insect larva].—Assmuss, 1865, 53.—Stiles & Hass., 1905b, 101.
apiarium Bosc, 1812a, 72-73, pl. 1 fig. 3 (in abeille; by Labillardière) [an insect larva].—Stiles & Hass., 1905b, 101.
- DIRHYNCHUS** Rud., 1810a, 260 (for *Diceras*, mt. rude).—Duj., 1845a, 641.
- DIROFILARIA** Rail. & Henry, 1911, BS*Pe*, v. 4, 386-387 (tod. immitis); 1916, CrSB, 249.—Brumpt, 1913a, 524.—Cast. & Chalm., 1913a, 522, 535.—Fülleborn, 1912, C*FB*, v. 65, 349-352.—Gedöelst, 1911a, 108.—Stiles, 1914a, 271.
corynodes (Linst., 1899) Rail. & Henry, 1911, 386 (in singes africains).
granulosa (Linst., 1906) Rail. & Henry, 1911, 386 (in *Felis pardus*).
immitis (Leidy, 1856) [Rail. & Henry, 1911, 386].—Gedöelst, 1911a, 108 (in dog).—Bach, 1913, C*FB*, v. 70 (1-2), 50-60.—F., S., & T., 1916a, 417.—Fülleborn, 1912, C*FB*, v. 65 (4-5), 341-349, figs. 1-4, 1 pl. figs. 1-10.—Hut. & Mar., 1913a, 929.—Johnst., 1916, 99.—Kitt, 1915, 346, fig. 12 (in *Felis sondiacus*).—Leiper, 1913, 273.—Mitra & Ganguly, 1915, V*J*, v. 71, 40-42, figs.—Neum. & Mayer, 1914a, 70, 406.—Nicol, 1914, Sept., 4; 1915, 408 (in dog; Queensland).—Rail., 1915, 509; 1915, IVC, 744.—R., H., & L., 1912, 393, 394.—Seur., 1916, 344 (in *Anopheles maculipennis*, *A. bifurcatus*, *Culex fatigans*, *Myzorrhynchus pseudopictus*, *Myzomyia superpicta*).
kuelzi Rail. & Henry, 1911, BS*Pe*, 386 (ir *Cephalophus maxwelli*) (for *kuelzii* Rodenwaldt, 1910).
kuelzii (Rodenwaldt, 1910) Seur., 1916, 344 (in C. m.).
magalhãesii (R. Bl., 1895) Rail. & Henry, 1911, 386.—Braun, 1915a, 321.—Brumpt, 1913a, 525.—F., S., & T., 1916a, 416, 417, fig. 300.—Gedöelst, 1911a, 108 (in *Homo*).—Neum. & Mayer, 1914a, 366.—Seur., 1916, 344.—Ward, 1916, 689, fig. 4094.
recondita (Grassi, 1890) Neum. & Mayer, 1914a, 70 of Atlas (index, 570).
repens Rail. & Henry, 1911, 387 (in *Canis dom.*; Bologne); 1911, 485-487 (in dog; Annam); 1911, v. 4 (7), 485-488.—Bauche & Bernard, 1911, v. 4 (7), 487-492; 1913, v. 6 (1), 89-99, figs. 1-9.—Braun, 1915a, 321.—F., S., & T., 1916a, 417.—Gedöelst, 1911a, 108 (in dog).—Hut. & Mar., 1913a, 929.—Iteko, 1913, 593.—Neum. & Mayer, 1914a, 11, 70 (?) (index, 570).—Rail., 1915, 510; 1915, IVC, 748.—R., H., & L., 1912, 393, 395.—Seur., 1916, 344 (in C. dom.).
- DISCELIS** Magal., 1905a, 317 (for *Dicelis*).
- DISCOLAIMUS** Cobb, 1913, JWAS, 439 (tod. texanus).
texanus Cobb, 1913, 439 (roots of alfalfa; San Antonio, Tex.).
- DISCOPHORA** Villot, 1875a, 463, 466 (mt. *Enoplus cirrhatus*) [not *Discophora* Boisdual, 1836, lepidopt.; not *Discophorus* Chevrolat, 1880, insect] [see *Dipeltis* and *Diplopeltis*].—Stiles & Hass., 1905b, 101.
cirrhata (Eberth, 1863) Villot, 1875a, 463, 465, pl. 11 fig. 10-a-c (Manche, Med.).—Stiles & Hass., 1905b, 101.
- DISCOPHORUS** Mehl., 1844a, 125 (mt. tenax).
tenax Mehl., in Crep., 1844a, 125 (in *Raja clavata*); 1846, 149.
- DISPHARAGUS** Duj., 1845a, 42, 69-82 (tsd. *Spiropt. anthuris*).—Anacker, 1893i, 345.—A., D., & E., 1901b, 8, 20.—R. Bl., 1887e, 167.—Braun, 1895b, 213; 1903a, 253.—Carus, 1863, 462.—Fröhner, 1915a, 18.—Gedöelst, 1911a, 111.—Gendre, 1912, PVSL Bordeaux, v. 66, 23-31 (9), 14 figs. (Dahomey); 1913, 1-9, figs. 1-8.—Lepri, 1898a, 58.—Leuck., 1867b, 50.—Linst., 1906, v. 3, in 163-188; 1907, v. 3 (3), in 251-259; 1909, 71.—Mol., 1858d, 152; 1860c, 479-516 (monograph); 1861c, 300.—Mordw., 1908, v. 13 (1-2), 191.—Neum., 1892, 345, 374.—Neum. & Mayer, 1914a, 11, 408.—Nev.-Lem., 1912a, 652.—Olss., 1869b, 487.—Par., 1894a, 572.—Poche, 1912, AN, Jhg. 78, reprint, p. 11, 12, 13, 14, 15, 22, 24, 38, 53, 101 (brevicaudatus, type by elimination); 1914, v. 45 (2), 92 (decorus, type by elimination).—Rans., 1911a, 103 (so. *Spiropt.*) (type *Spiropt. anthuris*).—Schneid., 1866a, 79, 84, 236.—Seur., 1916, 354; 1916, CrSB, v. 79 (17), 934-938, figs. 1-4; 1916, CrSB, 1126-1130.—Shipley, 1896a (1901b), 147, 149, 163.—S., F., & W., 1908a, 283-294, 10 pls.—Stiles & Hass., 1905b, 101.—Stoss., 1891b (c), 81-108 (1-28), 3 pls., figs. 1-27 (monograph); 1892e, 448-449; 1892f, 613; 1898, 92-93.—Vaull., 1901, 126.—Walter, 1866, 73.—Wasilewski, 1913a, 243, 305.

DISPHARAGUS—Continued.

- aculeatus* (Crep., 1825) Stoss., 1891b (c), 83-84 (3-4) (s. *Spiropt. gallinulæ*, *S. horrida*, *Fil. spinifera*) (in *Charadrius hiaticula*, *Scolopax gallinula*, *Tringa variabilis*, *T. alpina*; Greifsw.).—Gendre, 1912, 24.
- aduncus* (Crep., 1846) Mol., 1860, 488 (in *Colymbus septentrionalis*, *Larus fuscus*, *L. argentatus*, *L. canus*, *L. marinus*, *L. medius*, *Podiceps auritus*).—Linst., 1909a, 71 (in *C. s.*, *L. ridibundus*).—Stoss., 1891, 86-87 (6-7), pl. 1 fig. 4; 1892, 72; 1895, 34; 1896, 123; 1898, 93; 1902, 11 (in *L. r.*); 1904, 3-4.
- alatus* (Rud., 1819) Stoss., 1891b (c), 89-90 (9-10), pl. 1 fig. 6, pl. 2 fig. 14 (s. *analis* Mol.) (in *Ardea purpurea*, *Ciconia nigra*, *Nycticorax griseus*).—Gendre, 1912, 24.—Linst., 1909a, 72 (in *N. nycticorax*).
- analis* Mol., 1860c, 487-488 (s. *Asc. parvula*, *A. sagittata*, *Spiropt. alata*) (in *Ardea purpurea*, *Ciconia nigra*; M. C. V.).—Stoss., 1891b (c), 89 (9) (so. *alatus*).
- anthuris* Rud., 1819) Duj., 1845a, 75-77, pl. 5 fig. F (in *Corvus glandarius*, *C. pica*, *C. frugilegus*, *C. corax*, *C. corone*, *C. cornix*, *Coracias garrula*, *Oriolus galbula*, *Pyrrhocorax alpinus*; Rennes).—Baird, 1853a, 8.—Gendre, 1912, 24, 27.—Linst., 1901b, 414.—Mol., 1860c, 490-491 (in *Corvus caryocatactes*, *C. pyrrhocorax*).—Par, 1899a, 14; 1899b, 98 (to *Fil.*) (in *C. f.*; *Portoerrajo*); 1902c, 15.—Poche, 1912, AN, 15.—Stiles & Hass., 1894e, 348 (in *C. americanus*): 1905b, 101 (tsd. by inclusion).—Stoss., 1891b (c), 88 (8) (in *Garrulus glandarius*, *Nucifraga caryocatactes*, *Pica caudata*): 1891, 218.—Wolfh., 1900, 10, 31.
- ardeæ* S., F., & W., 1908a, 293-294, pl. 10 figs. 4-6.—Smith, 1908a, 269 (in *Ardea herodias*; Phila. Zool. Gard.).
- attenuatus* (Rud., 1819) Duj., 1845a, 74-75 (in *Hirundo rustica*, *H. urbica*; Rennes).—Mol., 1860c, 484 (in *H. riparia*).—Stoss., 1891b (c), 93 (s. *Fil. tuberculata*) (in *Chelidon urbica*, *Cotyle riparia*).—Poche, 1912, AN, 14.
- bicipis* (Rud., 1819) Duj., 1845a, 79-80 (in *Tringa helvetica*; Mus. Wien).—Dies., 1851a, 231 (so. *Histioc. gracilis*).—Poche, 1912, AN, 14.
- bidens* (Rud., 1819) Duj., 1845a, 77-78 (in *Merops apiaster*; Mus. Wien).—Mol., 1860n, 971 (so. *Spiropt. denticulata*).—Poche, 1912, AN, 14.
- bilicola* Schlotthauber, 1860a, 125 (in *Machetes pugnax*; by Schlotth.).
- brevicaudatus* Duj., 1845a, 80 (in *Ardea stellaris*; Mus. Wien).—Crep., 1846a, 135 (s. *Spiropt. triænophora*) (in *A. s.*)—Linst., 1909a, 72, fig. 60 (in *Botaurus stellaris*).—Mol., 1860c, 498.—Poche, 1912, AN, 15 (type).—Stoss., 1891b (c), 98 (18) (s. *Str. ardea-stellaris*) (in *Ardetta minuta*, *B. s.*).—Walter, 1866, 73.
- calcaratus* Mol., 1860c, 496-497 (in *Ibis guarauna*; Brazil).—Drasche, 1884a, 210.—Stoss., 1891b (c), 95-96 (15-16), pl. 3 fig. 25.
- capitatus* Mol., 1860e, 341-342 (s. *Spiropt. alata falconis*) (in *Falco minutus*; Brazil).—Stoss., 1891b (c), 98 (18).
- contortus* Mol., 1858 (1859e), 298 (in *Ibis falcinellus*; Padua); 1860c, 496 (s. *Spiropt. falcinelli*) (in *I. f.*; *P.*); 1861c, 302-304, pl. 12 figs. 4-6 (in *I. f.*; *P.*).—Dies., 1861c, 279.—Gendre, 1912, 24.—Stoss., 1891b (c), 91-92 (11-12), pl. 1 fig. 8 (in *Falcinellus igneus*).
- cordatus* Muell., 1897a, 5-6, pl. 1 fig. 3 (s. *anthuris pars*) (in *Coracias garrula*, *Lanius curullus*, *L. rufus*).
- crassicauda* (Crep., 1829) Mol., 1860c, 486-487 (in *Anas glacialis*, *A. clangula*, *A. tadorna*, *A. fusca*, *Colymbus rufo-vulgaris*, *C. arcticus*, *C. septentrionalis*, *Mergus serrator*, *M. merganser*; Europe, M. C. V.).—Stoss., 1891b (c), 99 (19) (in *Bucephala clangula*, *Harelda glacialis*, *Oidemia fusca*).
- crassissimus* Mol., 1860c, 492 (in *Rhamphastos vitellinus*; Brazil).—Drasche, 1884a, 209.—Stoss., 1891b (c), 90-91 (10-11).
- crassus* Mol., 1860c, 500 (in *Picus viridis*; Berl.).—Stoss., 1891b (c), 87 (7) (so. *quadrilobus*).
- cystidicola* (Lam., 1801) Duj., 1845a, 81-82 (in *Salmo fario*; Mus. Wien).—Mol., 1860b, 931 (to *Spiropt.*).—Poche, 1912, AN, 15.—Schneid., 1866a, 105.
- decorus* Duj., 1845a, 78, pl. 3 fig. K (in *Alcedo ispida*; Rennes).—Dies., 1851a, 232 (to *Histioc.*).—Linst., 1909a, 72, fig. 61 (in *A. i.*).—Mol., 1860c, 498.—Poche, 1912, AN, 15; 1914, v. 45 (2), 92 (type of *Disph.* by elimination).
- denticulatus* Mol., 1860c, 495-496 (in *Falco subbuteo*; Rennes).—Stoss., 1891b (c), 99 (19) (s. *falconis-subbuteonis*).

DISPHARAGUS—Continued.

- denudatus* Duj., 1845a, 81, pl. 3 fig. G (in *Cyprinus erythrophthalmus*; Rennes).—Büetsch., 1873a, 23, pl. 8 fig. 9–11 (in *Leuciscus erythrophth.*); 1873a, 23, 104.—Dies., 1851a, 232 (to *Histioc.*).—Hofer, 1904a, 230 (in *Alburnus lucidus*, *Bliccopsis abramo-rutilus*, *Idus melanotus*, *Phoxinus laevis*, *Pelecus cultratus*, *Squalius cephalus*, *Scardinius erythrophth.*).—Krøyer, 1846–53a, 434.—Linst., 1877b, 178–179.—Mol., 1860c, 500–501 (in *Leuci. erythrophth.*; Rennes).—Poche, 1912, AN, 15.—Zsch., 1884, 6, 12, 74–76 (in *Sq. c.*).
- denutatus* Büetsch., 1873a, 23, 104 (for *denudatus*).
- depressus* (Schneid., 1866) Gendre, 1912, 29, 30 (7).
- echinatus* (Dies., 1851) Mol., 1860c, 499.—Drasche, 1884a, 210.—Linst., 1909a, 73 (in *Mergus albellus*).—Gendre, 1912, 24.—Stoss., 1891b (c), 84 (4).
- ellipticus* Mol., 1858d, 152 (in *Falco nisus*; Padua); 1860c, 493–494 (in *F. cineraceus*, *F. n.*) (s. *falconis-nisi*); 1861c, 300–301, pl. 12 fig. 1 (in *F. n.*; P.).—Dies., 1861c, 279.—Linst., 1879a, 172.—Stoss., 1891b (c), 99–100 (19–20) (in *Circus cineraceus*, *Nisus communis*).—Also reported for *Accipiter nisus*, *Astur nisus*.
- elongatus* (Rud., 1819) Mol., 1860c, 495 (in *Sterna nigra*; M. C. V.).—Drasche, 1884a, 210.—Linst., 1909a, 73 (in *Hydrochelidon nigra*).—Par., 1902, 15 (in *H. n.*).—Stoss., 1891b (c), 95 (15) (in *S. n.*; Wien).
- falconis-nisi* Dies., 1851a, 229 (in *Falco nisus*; Rennes, Duj., 1845a, 72) (to *Spiropt.*).—Mol., 1860c, 493 (so. *ellipticus*).
- falconis-subbuteonis* Dies., 1851a, 229 (in *Falco subbuteo*; Rennes, Duj., 1845a, 72) (to *Spiropt.*).—Mol., 1860c, 495 (so. *denticulatus*).
- filiformis* Zsch., 1884a, 6, 12, 76–78, pl. 2 fig. 15 (s. *Asc. cuneiformis*) (in *Alburnus lucidus*; by Zsch.).—Hofer, 1904a, 230.—Linst., 1902a, 222 (so. *Ancyracanthus denudatus*); 1909a, 73–74 (in *A. l.*, *Gobio fluv.*, *Idus melanotus*, *Leuciscus erythrophth.*, *Lota vulg.*, *Pelecus cultratus*, *Tinca vulg.*).
- gasterostei* (Stiles, 1891) Stiles, 1892n, 520–524, fig. 8, D. (Fil.) (in *Gasterosteus aculeatus*; Baltic Sea).—Stiles & Hass., 1894e, 348 (in *G. a.*).
- gruveli* Gendre, 1913, ASL Bordeaux, 87–88, (1–2) figs. 1–3 (in *Francolinus bicalcaratus*; Dahomey) (s. *D. species* Gendre, 1912, 30–31).
- gracilis* Gendre, 1912, ASL Bordeaux, 24–28 (2–5), figs. 1–7 (in *Buchanga atra assimilis*? *Oriolus auratus*; Abomey); 1913, ASL Bordeaux, 87–88, figs. 1–3.
- hamatus* (Linst., 1877) Stoss., 1891b (c), 89 (9), pl. 1 fig. 5, pl. 2 fig. 13 (in *Nisus communis*; Hameln); 1896, 123; 1898, 93; 1899, 3.—Gendre, 1912, 24.—Also reported for *Buteo vulg.*
- hamulosus* (Dies., 1851) Stoss., 1890, 56; 1891b (c), 97 (17), pl. 3 figs. 21, 22, 27 (in *Gallus dom.*).—Fiebiger, 1912a, 241.—Gedølst, 1903a, 49; 1911a, 111 (in chicken).—Gendre, 1912, 24.—Hass., 1896a, 5.—Hut. & Mar., 1913b, 479.—Nev.-Lem., 1912a, 832.—Rail., 1893a, 544.—Wolffh., 1910, 18; 1911, 52–54.
- invaginatus* Linst., 1901b, 414, figs. 10–11 (host unknown). Gendre, 1913, ASL Bordeaux, 106–112 (1–7), figs. 1–6 (in *Babulcus lucidus*; Labé).—Hall, 1916a, 76.—Seur., 1915, CrAS, 757.
- involutus* (Linst., 1879) Stoss., 1891b (c), 85–86 (5–6) (in *Strix flammea*).—Lepri, 1898a, 53, 54, 60–61, fig. 8.—Also reported for *Accipiter nisus*.
- laticaudatus* (Rud., 1819) Duj., 1845a, 79 (in *Otis tetrax*; Mus. Wien).—Mol., 1860c, 511 (to *Histioc.*).—Poche, 1912, AN, 14.
- laticeps* (Rud., 1819) Duj., 1845a, 71 (in *Falco lagopus*; Mus. Wien).—Baird, 1853a, 8.—Clerc, 1903, 245, 256.—Dies., 1851a, 220 (to *Spiropt.*).—Drasche, 1884a, 209, pl. 14 fig. 2, 21.—Fiebiger, 1912a, 242.—Gedølst, 1903a, 49; 1911a, 111 (in chicken).—Gendre, 1912, 24.—Hass., 1896a, 5 (in *Gallus dom.*).—Hut. & Mar., 1910b, 252; 1913b, 258, 479.—Lepri, 1898a, 53, 54, 58–60, 215, fig. 9–10.—Linst., 1903u, 269.—Mol., 1860c, 489–490, 505 (s. *Spiropt. fallax*) (in *Falco lagopus*, *F. cyaneus*, *Strix brachyotus*, *S. bubo*, *S. flammea*).—Nev.-Lem., 1912a, 832.—Poche, 1912, AN, 14, 38.—Rail., 1893a, 543.—Stoss., 1891b (c), 90 (10), pl. 1 fig. 7, pl. 2 fig. 15 (in *Bubo maximus*, *Buteo lagopus*, *Circus cineraceus*, *C. cyaneus*, *G. d.*, *Otus brachyotus*); 1893, 3, fig. 4 (in *Cerchneis tinnunculus*; 1896, 123; 1898, 94.—Wolffh., 1900, 10, 12.—Also reported for *Accipiter nisus*, *Otus vulg.*
- longeornatus* Mol., 1860c, 489 (s. *Spiropt. ardeæ-maguari*; M. C. V.) (in *Ciconia maguari*; Brazil).—Drasche, 1884a, 209.—Stoss., 1891b (c), 96 (16).

DISPHARAGUS—Continued.

- longevaginatus* Mol., 1860c, 486 (in *Ciconia maguari*: Brazil).—Drasche, 1884a, 209.—Stoss., 1891b (c), 96, pl. 3 fig. 20, 26.—Rans., 1904a, 39.
- macrolaimus* Linst., 1906, v. 3 (11), 169–170 (in *Plotus melanogaster*; Wirawila, Ceylon).
- magnilabiatus* Mol., 1860c, 497 (s. *Spiropt. plataleæ-ajajæ*: M. C. V.) (in *Platalea ajaja*: Brazil).—Drasche, 1884a, 210.—Stoss., 1891b (c), 94–95 (14–15) (in *Ajaja ajaja*; B.).
- mamillaris* Mol., 1860c, 499–500 (s. *Spiropt. corvi-cajani*: M. C. V.) (in *Corvus cajanus*: Brazil).—Drasche, 1884a, 210.—Gendre, 1912, 29.—Stoss., 1891b (c), 95 (15) (*mammillaris*).
- mammillaris* Stoss., 1891b (c), 95 (15) (for *mamillaris*).
- muscipæ* (Linst., 1878) Stoss., 1891b (c), 94 (14) (in *Muscipapa atricapilla*; Hameln).—Gendre, 1912, 27.
- nasutus* (Rud., 1819) Duj., 1845a, 75, pl. 5 fig. D (in *Fringilla dom.*: Paris).—Carruccio, 1886b, 293.—Cobbold, 1869a, 67 (in fowl); 1879b, 440.—Collucci, 1893, v. 3, 605–617, 1 pl. figs. 1–7 (in polli).—Fiebiger, 1912a, 242.—Gedølst, 1911a, 111.—Hass., 1896a, 5 (in *Gallus dom.*).—Hut. & Mar., 1906a, 208; 1910b, 252, 480; 1913b, 258, 478, 479.—Linst., 1883a, 290, 291.—Mol., 1860c, 482–483 (in *Phasianus gallus*: Brazil); 1861c, 301.—Neum., 1892d, 374, 375.—Nev.-Lem., 1912a, 828.—Piana, 1897a, in 239–262, figs. 1–21; 1897b, 170–174, figs. 2–14; 189–193, figs. 15–21; 1897c, 412; 1897d, 887.—Poche, 1912, AN, 15.—Purvis, 1913, v. 63 (2), 108 (in chicken; Wash., Ore.).—Rabicaux, 1900a, 19; 1900b, 562 (in *G. dom.*).—Rail., 1893a, 544.—Støedter, 1901a, 61, 95.—Stoss., 1891b (c), 92–93 (12–13) (in *Passer dom.*; Wien).
- obelatus* (Crep., 1825) Linst., 1909a, 73, fig. 62 (in *Larus ridibundus*, *Mergus serrator*, *Tringoides hypoleucus*).
- ornatus* Gendre, 1912, PVSL, 28–30 (5–7), figs. 1–5 (in *Corvus scapulatus*; Abomey).
- papilliferus* (Linst., 1878) Stoss., 1891b (c), 93 (13), pl. 2 figs. 10, 18 (in *Chelidon urbica*, *Cotyle riparia*, *Hirundo rustica*: Rennes).—Gendre, 1912, 24, 27.
- papillosus* (Mol., 1859) Stoss., 1898c, 93–94 (in *Xema ridibundus*: Trieste).—Linst., 1909a, 73, fig. 63 (in *Larus ridibundus*).
- quadrilobus* (Rud., 1819) Duj., 1845a, 79 (in *Picus viridis*: Berl.).—Mol., 1860c, 500 (so. *crassus*).—Poche, 1912, AN, 14.—Stoss., 1891b (c), 87–88 (7–8) (in *Dryocopus martius*, *Gecinus viridis*, *Hylotomus pileatus*: B., Phila.).
- rectovaginatus* Mol., 1860c, 484–485 (in *Falco ater*: M. C. V.).—Drasche, 1884a, 209.—Gendre, 1912, 24.—Stoss., 1891b (c), 92 (12), pl. 2 figs. 9, 16.
- rectus* Mol., 1860c, 494 (s. *Spiropt. falconis* M. C. V.) (in *Falco femoralis*, *F. uncinatus*: Brazil).—Drasche, 1884a, 209.—Stoss., 1891b (c), 91 (11).—Rans., 1904a, 27.
- reticulatus* Tokishige, 1898a, 452–459, fig. 1–4 (in pharyngeal tumor of *Equus cab.*: Nagoya).—[It is not a Disph., C. W. S.].—Gedølst, 1911a, 111 (in E. c.).—Hut. & Mar., 1906a, 185; 1910b, 224; 1913b, 231.—Nev.-Lem., 1912a, 825.
- revolutus* (Rud., 1819) Mol., 1860c, 492–493 (s. *Acuaria charadrii-himantopodis*) (in *Himantopus melanopterus*; M. C. V.).
- rotundatus* Linst., 1907, 256, pl. 7 fig. 15 (in *Lanius minor*; Turkestan).
- sagitticollis* Schlotthauber, 1860a, 125 (in *Scolopax gallinago*; by Schlotth.).
- species* Gendre, 1912, 30–31 (8–9), figs. 1–4 (in *Francolinus bicalcaratus*: Abomey) [see *gruveli*].
- species* Par., 1899a, 14–15, 1 fig.; 1899b, 98–99, 1 fig. (in *Larus ridibundus*; Portoferraio); 1902, 15 (in *L. r.*).
- spiralis* Mol., 1858d, 153 (in *Phasianus gallus*: Padua); 1859h, 26 (in *P. g.*: P.); 1860c, 491–492 (in *P. g.*: P.); 1861c, 301–302, pl. 12 fig. 2–3. —Carruccio, 1886b, 293.—Cobbold, 1869a, 67 (in fowl); 1879b, 440.—Dies., 1861c, 279.—Fiebiger, 1912, 242.—Gedølst, 1903a, 48; 1911a, 111 (in *Gallus dom.*).—Gendre, 1912, 24.—Hass., 1896a, 5 (in *G. d.*).—Hut. & Mar., 1910b, 252.—Land., 1882, 23.—Linst., 1883a, 290–291, 314, pl. 7 fig. 22; 1886c, 14.—Neum., 1892, 374.—Nev.-Lem., 1912a, 831.—Poche, 1912, AN, 14.—Rail., 1893a, 543.—R., H., & S., 1912, 624.—Schneidem., 1896a, 308.—Seur., 1916, CrSB, 1126 (of Linst., 1883, so. *Acuaria laticeps*).—Stoss., 1891b (c), 87 (7); 1891, 218, pl. 3 figs. 6–8 (in *Numida meleagris*).

DISPHARAGUS—Continued.

- spiralis columbæ* Bridré, 1910, BSPE, 38-39 (in pigeon; Tunis).
- squamatus* (Linst., 1883) Stoss., 1891b (c), 85 (5) (in *Phalacrocorax carbo*; Turkestan); 1892, 72.—Linst., 1909a, 73, fig. 64 (in P. c.).
- subula* Duj., 1845a, 73-74 (in *Sylvia rubecula*; Rennes).—Gendre, 1913, ASL Bordeaux, 60-62 (1-3), figs. 1-5 (in *Luscinia rubecula*).—Mol., 1860c, 485-486.—Stoss., 1891b (c), 100 (20) (in L. r.; Rennes).
- sygmoideus* Mol., 1860c, 483 (s. *Spiropt. falconis-tridentati* M. C. V.) (in *Falco tridentatus*; Brazil).—Stoss., 1891b (c), 100 (20).
- tenuis* Duj., 1845a, 73 (in *Saxicola rubetra*; Rennes).—Gendre, 1912, 27.—Mol., 1860c, 485.—Poche, 1912, AN, 14, 38.—Stoss., 1891b (c), 100-101 (20-21) (in *Pratincola rubetra*; R.).
- truncatus* (Rep., 1825) Duj., 1845a, 77 (in *Upupa epops*; Rennes).—Mol., 1860b, 942 (to *Spiropt.*).—Poche, 1912, AN, 15.
- uncinatus* (Rud., 1819) Rail., 1893a, 543 (in dom. birds; Berl.).—BtW, 1907, Jan. 31, 76 (geese, epizootic).—Fiebiger, 1912a, 241, figs. 163-164.—Gedølst, 1903a, 48; 1911a, 111, fig. 148 (in duck, goose).—Gendre, 1912, 24.—Hut. & Mar., 1910b, 480; 1913b, 258, 479 (in Enten, Gänsen, Schwänen).—Linst., 1909a, 71-72, fig. 58 (in *Anas boschas*, *Anser anser*, *Daphnia pulex*).—Mordw., 1908, v. 13 (1-2), 191.—Nev.-Lem., 1912a, 829.—Solovlev, 1912, 111.—VJVBT Preuss., 1906 (for 1904), 40 (in geese).—Also reported for *Anser cinereus* dom.
- vulvarius* (Mol., 1860) Stoss., 1891b (c), 101 (21) (in *Icterus lacernulatus*, *Momotus leuallanti*; Brazil).

DISPHARYNX R., H., & S., 1912, CrSB, 623 (tod. *nasuta* Rud., 1819) (subg. of *Acuaria*) (contains also: *spiralis* M., *rectovaginata* M., *capitata* M., *crassissima*).—Skrj., 1916, 505.

nasuta (Rud., 1819) R., H., & S., 1912, CrSB, 623, to *Acuaria* (D.).

noctux Seur., 1913, CrSB, v. 74 (2), 103-106, figs. 1-6 to *Acuaria* (D.) (in *Carine noctua glaux* Sav.; Birine Hauts plateaux algériens).

spiralis (Mol., 1858d) Skrj., 1916, 505-506 to *Acuaria* (D.) (poule).

DITRACHICEROSOMA Brera, 1809a, 140-145, pl. 3 figs. 11-13 (*Ditrachyceros* Herman, 1801, renamed).—Chiaje, 1825 or 1829, 37; 1833, 44.—Stiles & Hass., 1905b, 101.

DITRACHYCERAS Sulzer [nv.].—Dungl., 1893a, 339.—Encycl. méth., 1824, v. 2, 285-286.—Rud., 1809a, 31; 1810a, 258.

rude (Rud., 1810) [?Olfers, 1816a, 66].—Slawikowski, 1819b, 79.

rudis Rud., 1810a, 258 (in *Homo*) (to *Diceras*); 1819a, 184 (to *Diceras*).—Cobbold, 1866a, 9.—Dungl., 1893a, 329, 821.—Encycl. méth., 1824, 286.—Küech., 1855a, 464.

DITRACHYCEROS Herm. in Sulzer, 1801a, 1-52, pls. 1-2 (no specific name is used, but Sulzer translates *Ditrachyceros* into *Bicorne rude*. *Ditrachyceros* is used as a generic name).—Andral, 1829d, 632.—Blainv., 1824a, 514 (so. *bicorne*).—Brera, 1809a, 140.—Lænnec, 1804b, 132, 134, 135, 170; 1804a (1812a), 7, 89-96; 1814a, 43-45.—Lam., 1816b, 150; 1824, 514.—Lamour., 1824a, 567.—Lesauvage, 1818a, 115-118; 1819a, 267.—Nordm., 1840a, 562.—Stiles & Hass., 1905b, 101.—Tschudi, 1837a, 15, 73 (s. *Bicorne*).—See also *Ditrachyceros*, *Ditrachycerosoma*, *Ditrachycerosoma*, *Ditrachyceras*, *Diceras*.

rude (Rud., 1810) Duj., 1845a, 640-641.

rudis (Rud., 1810) Lam., 1816b, 150 (in *Homo*).—R. Bl., 1889d, 707 (6) (un ovarie de mûrier).—Brems., 1824, 320-322, pl. 9 fig. 3; 1828, 320-322, pl. 9 fig. 3.—Dies., 1841a, 1177-1181.—Guiart, 1910a, 587.—Hémond, 1827a, 21.—Joy, 1835a, 505.—J. Herminier, 1826a, 12, 14.—Moq.-Tand., 1860a, 390 (= *Bicorne rude*).—Nordm., 1840a, 562 (in *Homo*).

DITRACHYCEROSOMA Brera, 1809a, 140-145, figs. 11-13 (*Ditrachyceros* Herm., 1801, renamed).—[?Olfers, 1816a, 66].—Stiles & Hass., 1905b, 101.

rudis (Rud., 1810) Moq.-Tand., 1860a, 390 (so. *Bicorne rude*).

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- DOOHMIUS Mol., 1861a (b), 471 (47) (misprint for Dochmius) (so. Unc.).—Stiles, 1903, 15.—Stiles & Hass., 1905b, 102 (so. Unc.).
- DORGLÆMUS Greeff, 1872, Ber. Marb. Ges., 173 (misprint for Dorylaimus).
- DORYGLAIMUS Linst., 1876a, 7 (misprint for Dorylaimus).
- DORYLÆMUS Schneid., 1866a, 51, 163 (for Dorylaimus).
- DORYLAIMELLUS Cobb, 1913, JWAS, v. 3, 440 (mt. virginianus).
virginianus Cobb, 1913, 440, fig. (Arlington).
- Dorylaimen Büetsch., 1873a, 20.
- DORYLAIMUS Duj., 1845a, 230–231 (tsd. probably stagnalis) (in fish; Rennes, Lorient).—Aur., 1883, 5.—Bos, 1889, 288; 1891, 8.—Büetsch., 1874b, 255; 1876, 229.—Cobb, 1888a, 28–30; 1893a, 809–811 (32–34); 1893b, 290–296 (41–47); 1904, v. 12, in 363–374, figs. 1–4; 1905, 316; 1917n, 448.—Fedtsch., 1874a, 59, 60.—Greeff, 1864c, 112–113.—Hempelm., 1912a, 101.—Hofmæn., 1913, 638.—Jägers., 1909, 6, 36.—Man, 1876a, 88–92; 1876b, 11–15; 1906, v. 41, 156.—Maupas & Seur., 1916, 616.—Menz., 1914, AN, 62–63.—Mol., 1857a, 151.—Nev.-Lem., 1913a, 283.—Oerley, 1880a, 67, 118–119.—Pratt, 1916a, 216.—Rollest., 1888a, 679.—Schneid., 1866a, 51, 53, 55, 163, 193.—Shipley, 1896a (1901b), 131, 157, 160.—Southern, 1909, v. 4, 91.—Stewart, 1914a, 245 (in fresh water and soil).—Stiles & Hass., 1905b, 102.—Vaňha & Stoklasa, 1896a, 1–96, 5 pls.—See also Donylaimus, Darylaimus.
- acuticanda*. See *acuticauda*.
- acuticauda* Man, 1884a, 179–180, pl. 30 fig. 124 (in sandy soil; Niederland); 1906, v. 41, 172–173 (Zwanenburg).—Ditlevsen, 1912, 246.—Hofmæn. & Menz., 1915, 195.—Menz., 1914, AN, 32, 34, 35, 38, 39, 40, 41, 42, 70–71, 82, 83 (spelled *acuticanda* in most places).—Southern, 1914a, 8–9 (Clare Isl.).
- africanus* Daday, 1908, Mte, v. 26, 19–21, figs. 21a–c; 1910, v. 23, 52, pl. 3 figs. 1–5 (in fresh water; Kilima-Ndjaru).—Man, 1912, v. 1, 457.
- agilis* Man, 1880a, 95 (in moist soil; Holland).—Hofmæn. & Menz., 1915, 197.—Menz., 1914, AN, 42, 71, 83.
- alpinus* Steiner, 1914, AHP, 272–273, figs. 23–24 (Berner Oberland, Switz.).
- alticola* Menz., in Hofmæn. & Menz., 1914, ZA, 87–88 (in Moospolstern; Sutzfluh (Rhætikon), Pizot); 1914, AN, 32, 36, 66–68, 82, 83, figs. 10–12; 1915, 189–191.
- angusticephalus* Steiner, 1914, AHP, 433–434, figs. 29–30 (bei Bellin-zona, Switz.); 1916, ZA, v. 46, 321.
- annulatus* Daday, 1905, Z, v. 18 (44), 65–66, pl. 4 figs. 1–4 (in fresh water; Paraguay); 1905, v. 23, 327, 328.
- antarcticus* Steiner, 1916, ZA, v. 46, 315–317, figs. 2a–b (Discovery Bay, Antarctic).
- atratus* Linst., 1901a, 1–2, figs. 1–4 (in water; Padua); 1901d, 1–2, figs. 1–4; 1902g, 74.—Man, 1912, v. 1, 457.
- attenuatus* Man, 1880a, 94–95 (in moist soil; Holland); 1912, b. 1, 457.—Hofmæn. & Menz., 1915, 197, 198.
- bastiana* Brakenhoff, 1914, v. 22, 309 (for *bastiani*).
- bastiani* Büetsch., 1873a, 22, 29–30, pl. 1 figs. 3a–b (free; F. a. M., Cuxhaven).—Cobb, 1888a, 29; 1904, 365, fig. 2.—Daday, 1910, v. 23, 51.—Ditlevsen, 1912, 248.—Hofmæn. & Menz., 1915, 198–199.—Jägers., 1909, 37, 41–42, fig. 57.—Man, 1876a, 109, pl. 5 figs. 11a–b; 1876b, 32, pl. 5 figs. 11a–b (Leiden); 1884, 185, pl. 31 fig. 131; 1906, v. 41, 173–174; 1907, v. 2, 16–17 (in soil; Germany, Holland, Hungary); 1907, v. 7, 24–25.—Marcinowski, 1909, 41.—Menz., 1913, 412; 1914, AN, 32, 40, 71–72, 73.—Micol., 1913, 11; 1913, 121–122; 1914,

DORYLAIMUS—Continued.

bastiani—continued.

513–519, pl. 13 fig. 10a–l. pl. 18 30 a–c; 1915, 269.—Oerley, 1880, 119, 124–125.—Stefanski, 1916, ZA. 364.—Steiner, 1916, ZA, 323, 325, 326–327, 329, fig. 7, 338.

bastiani longicaudatus Daday, 1894, Mte, v. 12, 139–140; 1897, v. 2 (1), 105, fig. 95 (free; Balaton).

bathybius Daday, 1906, v. 30, 414–415, figs. 4–5 (free; Vierwaldstædter See); 1911, 504.—Hofmæn. & Menz., 1915, 191.—Jægers., 1908, 677.—Steiner, 1914, AHP, 273.

biró Daday, 1899, Mte, 571–572.

borborophilus Man, 1876a, (b) 102–105 (25–28), pls. 4–5 fig. 8a–i (Leiden).—Oerley, 1880 a (b), 119, 123 (107, 111) (borborophylus).—Silva Araujo, 1878b, 52.

brachyuris Man, 1880a, 83 (in sand; Holland); 1884a, 170, pl. 27 fig. 112 (in sand; Holland, Germany); 1906, v. 41, 169.—Daday, 1899, v. 17, 571; 1905, v. 23, 328.

brigidamensis Man, 1876a (b), 112–116 (35–39), pl. 6 fig. 13a–f, 14 a–b (Leiden); 1884a, 188–189, pl. 32 fig. 135 (s. macrourus Linst., stenosoma Man) (in marshy ground; Germany, France); 1906, v. 41, 174; 1907, v. 7, 25 (Walcheren Isl.); 1912, v. 1, 460.—Brakenhoff, 1914, v. 22, 309.—Cobb, 1888a, 29 (in moist soil).—Daday, 1905, v. 23, 327.—Ditlevsen, 1912, 248.—Menz., 1914, AN, 73.—Oerley, 1880a, 119, 126.—Southern, 1914a, 9 (Clare Isl.).—Steiner, 1916, ZA, 338.

bryophilus Man, 1880a, 85 (in sand; Holland).—Menz., 1914, AN, 68.—Steiner, 1916, ZA, 321.

bulbiferus Cobb, 1906, 164, 175–178 (about roots of diseased cane; Maui, T. H., Hawaii).

carteri Bast., 1865c, 106, figs. 38–40 (aquatic; Falmouth).—Büetsch., 1873a, 29.—Brakenhoff, 1914, v. 22, 307–309.—Cobb, 1888a, 29.—Daday, 1905, v. 23, 328; 1913, 666.—Ditlevsen, 1912, 245–246.—Hofmæn., 1913, 640–641.—Hofmæn. & Menz., 1915, 193–194.—Jægers., 1909, 36, 38–39, fig. 51.—Man, 1884a, 177, pl. 29 fig. 122; 1906, v. 41, 171–172 (dans la prairie de terre argileuse; Walcheren Id.); 1907, v. 2, 13–14 (in wet soil; W. I., Engl., Holland, Germany); 1907, v. 7, 21–22; 1912, v. 1, 458.—Menz., 1914, AN, 31, 32, 33, 34, 35, 38, 39, 40, 41, 42, 69–70, 79, 82, 90.—Micol., 1913, 11; 1914, 503–505; 1915, 268–269.—Oerley, 1880, 119, 120.—Southern, 1914a, 8 (Clare Isl.).—Stefanski, 1916, ZA, 364.

centrocercus Man, 1884a, 175, pl. 28 fig. 119 (in marshy soil; Netherlands); 1907, v. 2, 14–16, pl. 1 fig. 4 (s. obtusicaudatus Man, 1884, 167, pl. 26 fig. 109d–e male) (in wet soil; Sèvres, Holland); 1907, v. 7, 9, 22–24, pl. 1 fig. 4.—Brakenhoff, 1914, v. 22, 305–307, pl. 3 fig. 22.—Menz., 1914, AN, 67.—Steiner, 1916, ZA, 338.

condamni Vaňha, 1893, 283, 287, 288, pl. 7 figs. 1–7; 1893, 478, 479; —?, 1–14, pl. 4 figs 1–13 [nv.].—Marcinowski, 1909, 42.—Nev.-Lem, 1913, 284, 312, fig. 261.

coronatus Man, 1906, v. 41, 156, 168–170, figs. 14–19, 172 (prairie de terre argileuse; Walcheren Id.); 1912, v. 1, 454.

crassoides Jægers, 1908, ZA, v. 33, 673–677, figs. 1–4 (in Thuner-See, Switz.).—Hofmæn. & Menz., 1915, 201.

crassus Man, 1884a, 186–187, pl. 32 fig. 133 (in marshy ground; Holland).—Hofmæn. & Menz., 1915, 200–201.—Jægers., 1908, v. 33, 677; 1909, 37, 41, fig. 55.—Plotnikov, 1901, 247.—Southern, 1914a, 9 (Co. Mayo).

cyatholaimus Daday, 1905, Z, v. 18 (44), 66–67, pl. 4 figs. 5–6 (in fresh water; Paraguay); 1905, v. 23, 327, 328.—Steiner, 1916, ZA, v. 46, 328 (Cyatholaimus).

demani Steiner, 1914, AHP, 274–275, figs. 28–29 (bei Gandria am Luganersee, Switz.).

dolichodorus Man, 1906, v. 41, 164 (new name for macrodorus of Vaňha & Stoklasa, 1896, not of Man, 1880).

domus-glauci Cobb, 1893b, 294 (45) (in moss on walls of the Casa Poëtæ; Pompeii, Italy).

doryuris Ditlevsen, 1912, 251–252, pl. 3 fig. 28, pl. 4 figs. 29–31 (Lynaes, Kildeskoven, Furesø, Denmark).

DORYLAIMUS—Continued.

- elaboratus* Cobb, 1906, 164, 167–169 (about roots of diseased cane; Hawaii).
- elegans* Man, 1880a, 86 (in sand; Holland).—Daday, 1905, v. 327; 1910, v. 23, 51–52.—Steiner, 1916, ZA, 321.
- elongatus* Man, 1876a (b), 96–97 (19–20), pl. 3 figs. 4a–c.—Brakenhoff, 1914, v. 22, 300.—Hofmæn. & Menz., 1915, 184–185.—Menz., 1914, AN, 37, 38, 63–64, 83.—Oerley, 1880a, 119–120.—Silva Araujo, 1878b, 52.
- ettersbergensis* Man, 1885a, 13–14, pl. 2 fig. 6 (in moist Ettersberg soil; Central Germany).—Menz., 1914, AN, 68.
- eurydorys* Ditlevsen, 1912, 244–245, pl. 3 fig. 25, pl. 4 fig. 30 (Varde Aa).—Menz., 1914, AN, 67.
- exilis* Cobb, 1893b, 290–291 (41–42), pl. 40 (5) figs. 1–5 (about roots of banana plant; Fiji).
- fasciatus* Linst., 1879a, 165, pl. 11 figs. 1–2 (on moss roots; Ing.).
- fecundus* Cobb, 1914, TAMS, 72, 88–89 (38, 54–55, 92) pl. 5 fig. 12 (on Algæ; Potomac River, Wash., D. C.).
- filicaudatus* Daday, 1905, Z, 18, 64–65, pl. 4 figs. 7–8 (in fresh water; Paraguay); 1905, 56–57, pl. 4 figs. 7–8; 1905, Mte, v. 23, 327.
- filiformis* Bast., 1865c, 107–108, figs. 48–49 (aquatic; Bagshot).—Daday, 1899, v. 17, 572; 1905, v. 23, 327 (Jippe-See); 1910, v. 119, 542 (Egypt); 1913, 666.—Hofmæn., 1913, 644, pl. 16 fig. 24.—Hofmæn. & Menz., 1915, 201–202.—Jægers., 1909, 37, 41.—Menz., 1914, AN, 82.—Oerley, 1880a (b), 119, 121 (107, 109).—Steiner, 1916, ZA, 346.
- filiformis* Ehrenb., [nv.].—Daday, 1910, v. 23, 52 (Jippe-See).—Man, 187, pl. 34, figs.
- flavomaculatus* Linst., 1876a, 6–7, fig. 13 [spelled also Donylaimus] (free; Ratzeburger See).—Hofmæn., 1913, 643–644, pl. 16 figs. 16–17.—Hofmæn. & Menz., 1915, 205–206, pl. 6 figs. 18a–d.—Jægers., 1909, 37, 42, fig. 59 [=58].—Micol., 1913, 11; 1913, 122; 1915, 269–270; 1914, 519–524, pl. 14 figs. 11a–l, pl. 18 figs. 31a–e.—Oerley, 1880a, 119, 121 (107, 109).
- flavomacullatus* Stefanski, 1916, ZA, 364 (apparently misprint for flavomaculatus).
- frigidus* Steiner, 1916, ZA, v. 46, 318, 319–321, figs. 3a–b (Possession Isl.).
- gaussi* Steiner, 1916, ZA, v. 46, 318, 321–323, figs. 4a–b (Possession Isl.).
- giardi* Certes, 1889, L47–L48, figs. 3–4 (Terre de Feu).—Daday, 1905, Mte, v. 23, 344.—Menz., 1914, AN, 77, 78; 1917, RsZ, 153, 154.
- gracilis* Man, 1876a (b) 106–107 (29–30) pl. 5 figs. 9a–c.—Hofmæn. & Menz., 1915, 192.—Menz., 1914, AN, 33, 35, 39, 68, 82.—Oerley, 1880a, 119, 124.—Silva Araujo, 1878b, 52.—Steiner, 1916, ZA, 326, fig. 6.
- graciloides* Steiner, 1914, AHP, 434–435, figs. 31–33 (bei Bellinzona, Switz.).
- granuliferus* Cobb, 1893b, 293 (44), pl. 40 (5) figs. 1–5 (around roots of banana plants; Fiji).—Steiner, 1916, ZA, 329.
- hartingii* Man, 1880a, 93 (in moist soil; Holland).
- hawaiiensis* Cobb, 1906, 164, 172–173 (about roots of diseased cane; Hilo).
- hofmanneri* Menz., in Hofmæn. & Menz., 1914, ZA, 88 (in Moospolstern und an Graswurzeln; Rhætikon, Tessin, Kalkalpen); 1914, AN, 32, 33, 34, 39, 41, 72–73, 81, 82, 83, figs. 13–16; 1915, 203–204.
- ichthyuris* Cobb, 1906, 164, 165, 166–167 (about roots of diseased cane; Hilo, H. I.).—Man, 1912, v. 1, 454.
- iners* Bast., 1865c, 109, figs. 57–59 (in moss; Falmouth).—Buëtsch., 1873a, 29.—Oerley, 1880a, 119–121.
- intermedius* Man, 1884a, 170–171, pl. 27 fig. 113 (s. tritici Man, v. 26, 23, pl. 4 figs. 7a–c) (in moist soil; Holland, Switz.); 1906, v. 41, 165, 166, 167, 168; 1907, v. 2, 13 (Holland, Germany, Switz., Hungary); 1907, v. 7, 21, 24; 1912, v. 1, 457.—Brakenhoff, 1914, v. 22, 304.—Ditlevsen, 1912, 244.—Hofmæn. & Menz., 1915, 187–188.—Jægers., 1909, 36, 38, fig. 50.—Marcinowski, 1909, 41, 42.—Menz., 1914, AN, 65, 66.—Micol., 1914, 500–503, pl. 19 fig. 32.—Southern, 1914a, 8 (Clare Id.).—Stewart, 1914, v. 10, pl. 4 (13), 247.
- intermedius alpestris* Menz., in Hofmæn. & Menz., 1914, ZA, 87 (in Rhætikon u. auf dem Pitz Ot, stets in Moospolstern); 1915, 188–189.—Menz., 1914, AN, 32, 36, 65–66, 82, 83, figs. 7–9.

DORYLAIMUS—Continued.

- javanicus* Zimmerman, 1898, v. 27, 52, fig. 17 (on coffee roots).—Faber, 1909, CIB, v. 23 (6-9), 218.
- labialis* Man, 1880a, 78-79 (in sand; Holland); 1906, v. 41, 169.—Brakenhoff, 1914, v. 22, 300.
- labyrinthostoma* Cobb, 1893b, 294-296 (45-47), pl. 37 (2) figs. 1-3 (in soil about banana plants; Fiji); 1906, 169.—Steiner, 1914, ZA, 328.
- langi* Cobb, of Man, 1906, v. 41, 169; (for *langii*).
- langii* Cobb, 1888a, 28, 29-30, 33, pl. 2 figs. 22-23 (on Algæ, mosses; Jena).—Man, 1906, v. 41, 169; 1907, v. 7, 26.—Menz., 1914, AN, 49, 63, 67.
- laticollis* Man, 1906, v. 41, 165-168, figs. 10-13 (in soil; near Flessingue, Walcheren Id.).—Menz., 1914, AN, 67.
- latus* Cobb, 1891c, 150; 1904, 372.—Steiner, 1914, AHP, 432.
- leuckarti* Büetsch., 1873a, 28-29, pl. 1 figs. 2a-c; 5a-b (free; near F. a. M. and on Gras von Cuxhafen; by Büetsch.); 1873a 22 (*leuckarti*).—Daday, 1905, v. 23, 328.—Hofmæn. & Menz., 1915, 192.—Man, 1884, 177, pl. 29 fig. 121; 1885, 14; 1906, v. 41, 172, 173.—Menz., 1914, AN, 32, 68-69, 70, 82.—Oerley, 1880a, 119, 124.
- leuckarti* Büetsch., 1873a, 22 (for *leuckarti*).
- libycus* Pierantoni, 1915, AMz Napoli, v. 4, 1-4, fig. 1 (terra umida; Bu-Gheilan, Tripolitania).
- limnophilus* Man, 1880a, 96; 1906, v. 41, 168 [see also *lymnophilus*] [nv.]; 1912, v. 1, 454.—Brakenhoff, 1914, v. 22, 309.—Daday, 1910, v. 23, 53 (Bura-Sumpf).—Jägers., 1909, 37, 39-40, fig. 52.
- linea* (Oken, 1815a) Bast., 1865c, 109 (aquatic; Dorpat).
- liratus* (Schneid., 1866) Oerley, 1880a, 119.—Jägers., 1909, 43, fig. 60.
- longicaudatus* Büetsch., 1874b, 256 (in garden soil; Germany).—Brakenhoff, 1914, v. 22, 310.—Daday, 1905, v. 23, 327.—Ditlevsen, 1912, 248.—Hewitt, 1913, 147, 150, figs. 11-12.—Hofmæn., 1913, 642.—Hofmæn. & Menz., 1915, 202-203.—Linst., 1876a, 7.—Man, 1876a, 109-112; 1876b, 32-35, pls. 5-6 figs. 12a-f.—Micol., 1914, ZJ, 511-512.—Oerley, 1880a, 119, 126.—Plotnikov, 1901, 246.
- longicollis* Cobb, 1893b, 291-292 (42-43), pl. 41 (6) figs. 1-6 (about roots of banana plants; Fiji); 1906, 173.—Steiner, 1914, AHP, 274.
- longii* Menz., 1914, AN, 67 (misprint for *D. langii*) [nv].
- luganensis* Steiner, 1914, AHP, 432-434, figs. 27-28 (am Luganersee, Switz.).
- lugdunensis* Man 1880a, 93-94 (in sand; Holland).—Hofmæn. & Menz., 1915, 196-197.—Menz., 1913, ZA, 412; 1914, AN, 32, 34, 35, 71, 82, 83, 90.
- lymnophilus* Man [nv.].—Daday, 1905, Mte, v. 23, 328 (see *limnophilus*).
- macrodoroides* Steiner, 1914, AHP, 436-437, figs. 34-35 (bei Airola, Gotthard).
- macrorosus* Man, 1880a, 81-82 (in moist soil; Holland); 1912, ZJ, v. 1, 454-456, pl. 23 figs. 4, 4a.—Brakenhoff, 1914, v. 22, 303-304.—Hofmæn. & Menz., 1915, 186-187.—Menz., 1913, ZA, 412; 1914, AN, 31, 32, 33, 34, 35, 36, 38, 39, 40, 41, 42, 64-65, 69, 79, 82, 83, 90.—Steiner, 1914, AHP, 436; 1916, ZA, 345.
- macrolaimus* Man, 1884a, 191-192, pl. 33 fig. 138 (in marshy ground; Netherlands); 1907, v. 2, 20 (Holland, Hungary); 1907, v. 7, 28; 1912, v. 1, 457.—Brakenhoff, 1915, v. 22, 310-311.—Daday, 1905, v. 23, 327; 1910, v. 23, 53-54 (Nyassa); 1913, 666-667.—Ditlevsen, 1912, 249-250, pl. 4 fig. 38, pl. 5 figs. 41, 44, 45, 47, 48.—Hofmæn., 1913, 642-643.—Hofmæn. & Menz., 1915, 205.—Jägers., 1909, 37, 42-43, fig. 59.—Menz., 1914, AN, 39, 42, 74, 81.—Micol., 1914, ZJ, 524-527; 1915, 270-271.—Plotnikov, 1901, 246.—Steiner, 1916, ZA, 328.
- macrourus* Linst., 1876, 7, fig. 14 (*Donylaimus*) (in moist moss; Ratzeburg).—Oerley, 1880a, 119, 125.
- magnicollis* Cobb, 1906, 164, 173-174 (about roots of diseased cane; Hawaii).
- marinus* Duj., 1845a, 231, pl. 3 fig. D (in sea water; Algæ; Lorient).—Bast., 1865c, 110 (marine; L.).—Büetsch., 1873a, 19.—Stiles & Hass., 1905b, 102.
- maritimus* Ditlevsen, 1913, v. 3 (15), 429-430, figs. 1-5 (free; Greenland).
- maximus* Büetsch., 1874b, 255-256, figs. 1a-c (in garden soil; Germany).—Hempel., 1912a, 108.—Menz., 1914, AN, 62, 63, 64.—Oerley, 1880a, 119, 123.

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- microdorus* Man, 1880a, 85-86 (in sand; Holland).—Menz., 1914, AN, 68.
- micrurus* Daday, 1905, Z, v. 18 (44), 68-69, pl. 4 figs. 9-12 (in fresh water; Paraguay); 1905, v. 23, 328.—Steiner, 1916, ZA, 321.
- minimus* Steiner, 1914, AHP, 437-438, figs. 36-38 (bei Airolo) (*minutus* Cobb not Büetschli, renamed).
- minutus* Büetschli, 1873a, 30, pl. 1 figs. 6a-b (free; lng.).—Linst., 1876a, 8.—Menz., 1914, AN, 68.—Oerley, 1880a, 119, 122.
- minutus* Cobb, 1893a, 810 (33) (about roots of sugar cane; N. S. W.).—Steiner, 1914, AHP, 437 (renamed *minimus*).
- monohystera* Man, 1880a, 86-87 (in sand; Holland); 1906, v. 41, 168; 1912, v. 1, 454.—Brakenhoff, 1914, v. 22, 305.—Plotnikov, 1901, 247.
- novæ-zealandiæ* Cobb, 1904, PCPS, v. 12, 367, 370-371, 372, 373 (aquatic); Lake Taupo, New Zealand).
- obtusicaudatus* Bast., 1865c, 106-107, pl. 9 figs. 41-42 (in woods; Falmouth).—Brakenhoff, 1914, v. 22, 303.—Ditlevsen, 1912, 244.—Holmæn., 1913, 641-642.—Holmæn. & Menz., 1915, 185-186.—Jægers., 1909, 36, 37, 38, fig. 49.—Man, 1884, 167, pl. 26 fig. 109; 1906, v. 41, 163-164, figs. 8-9 (prairie de terre sablonneuse; Walcheren Id.); 1907, v. 2, 12-13, pl. 3 fig. 3 (in wet soil; Sèvres, Eng., Holland, Germany, Austria, Russia); 1907, v. 7, 20-21, 22, 24 pl. 3 fig. 3.—Marcinowski, 1909, v. 7 (1).—Menz., 1914, AN, 67.—Oerley, 1880, 119, 120.—Plotnikov, 1901, 247.—Southern, 1914a, 8 (Clare Id.).
- obtus* Cobb, 1893b, 291 (42), pl. 40 (5) figs. 1-5 (about roots of banana plants; Fiji).
- oxycephalus* Man, 1885a, 15-16, pl. 3 fig. 7 (in moist Ellersberg soil; central Germany), 1906, v. 41, 168; 1912, ZJ, 454, 459-461, pl. 23 figs. 6-6b.
- pachydermis* Daday, 1908, Mte, v. 26, 21-23, fig. 22; 1910, v. 23, 53, pl. 3 figs. 6-7 (Kilima-Ndjarö).
- pachysoma* Linst., 1876a, 8, figs. 15-16 (under moss; Stade).—Oerley, 1880, 119, 123.
- pacificus* Cobb, 1906, 164, 165, 169-170 (about roots of diseased cane; Hawaii).
- palustris* (Carter, 1859) Bast., 1865c, 109 (aquatic; Isl. of Bombay).—Büetschli, 1873a, 20.—Shipley, 1896a (1901b), 157 (in water; East Indies) (quotes Carter who thinks this is larva of *Fil. medinensis*).
- papillatus* Bast., 1865c, 108, pl. 10 figs. 52-53 (on *Festuca elatior*; Broadmoor, Berks).—Büetschli, 1873a, 8, 21, 27-28, pl. 1 figs. 1a-b (free; F. a. M. Cuxhafen).—Cobb, 1888a, 28, 29, pl. 2 fig. 21.—Man, 1876a, 98-99; 1876b, 21-22, pl. 5 fig. 5; 1906, v. 41, 168; 1907, v. 7, 26.—Menz., 1914, AN, 49.—Oerley, 1880, 119, 122.
- parvus* Man, 1880a, 92 (in sand; Holland); 1912, ZJ, v. 1, 458.—Menz., 1914, AN, 68.—Steiner, 1916, ZA, 327-328.
- perfectus* Cobb, 1893b, 292-293 (43), pl. 40 (5) figs. 1-4, pl. 41 (6) figs. 1-6 (in soil about roots of banana plants; Fiji).—Steiner, 1914, AHP, 431-432, figs. 25-26 (Langensee, Switz.); 1916, ZA, 346.
- polyblastus* Bast., 1865c, 108, pl. 10 figs. 50-51 (in moss; Falmouth).—Menz., 1914, AN, 67, 82.—Oerley, 1880a, 119, 120.
- pratensis* Man, 1880a, 84-85 (in sand; Walcheren).—Steiner, 1916, ZA, 321.
- primitivus* Man, 1884a, 9, 159, 162-163, 194, pl. 24 fig. 103.—Daday, 1905, Mte, v. 23, 328.
- profundis* Cobb, 1904, PCPS, v. 12, 367, 372-373 (aquatic; Lakes Wakatipu, Waikaremoana, and Manapouri; New Zealand).
- pusillus* Cobb, 1893a, 810-811 (33-34) (about roots of sugar cane and moss; N. S. Wales); 1906, 164, 165, 174-175 (Hawaii).
- pusillus* Daday, 1905, Z, v. 18, 69-70, pl. 4 figs. 13-16 [not Cobb, 1893] (in fresh water; Paraguay); 1905, Mte, v. 23, 328; 1913, 667.
- pygmaeus* Steiner, 1914, AHP, 217-272, figs. 21-22 (unter Moos; Insel Ufenau, Zürichersee, Switz.).
- regius* Man, 1876a (b), 92-94, pl. 3 figs. 2a-d (15-17) (Leiden).—Brakenhoff, 1914, v. 22, 301-303, pl. 3 figs. 18-21.—Marcinowski, 1909, v. 7 (1), 56.—Oerley, 1880a, 119, 122.

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- rhopalocercus* Man. 1876a. (b). 99-100 (22-23). pl. 4 figs. 6a-c (Leiden).—Brakenhoff. 1914. v. 22. 304.—Ditlevsen. 1912. 245.—Oerley. 1880a. 119. 122.—Silva Araujo. 1878b. 52.
- robustus* Man. 1876a (b). 94-96 (17-19). pl. 3 figs. 3a-d (Leiden).—Daday. 1905. v. 23. 328.—Oerley. 1880a. 119-121.—Silva Araujo. 1878b. 52.—Steiner. 1916. ZA. 323.
- rotundicauda* Man. 1880a. 100-101 (in sand; Holland).—Daday. 1905. v. 23. 327.—Steiner. 1916. ZA. 328.
- silvestris* Man. 1912. ZJ. v. 1. 452-454. 459. pl. 23 figs. 3-3a (in sand in woods; near Breda).
- similis* Man. 1876a (b). 107-108 (30-31). pl. 5 figs. 10a-d (free; Leiden); 1884. 179. pl. 29 fig. 123; 1906. v. 41. 171-172.—Hofmæn. & Menz.. 1915. 194.—Menz.. 1914. AN. 31. 35. 36. 39. 70. 82. 83.—Oerley. 1880a. 119. 123.
- species Büetsch., 1873a. 30-31 (free; by Büetsch.).
- species Cobb. 1893b. 256 (7) (in celery).
- species Fedtsch., 1874a. 58.
- species Menz., 1914. AN. 35. 36. 37. 38. 39. 40. 41. 68. 83.
- species Stefanski. 1916. ZA. 368.
- species Stewart. 1914. v. 10. pl. 4 (13). 247. pl. 30 figs. 5-7 (in *Suberites aquæ-dulcioris*, *Spongilla* sp.; Chilka Lake).
- spengelii* Man. 1912. ZJ. v. 1. 456-459. pl. 23 figs. 5-5d (in sand around roots of *Erica*; near "Bergen op Zoom").
- spiralis* Cobb. 1893b. 293-294 (44-45) (among bases of carrot leaves; N. S. Wales).
- stagnalis* Duj., 1845a. 231. pl. 3 fig. C (in *Cyprinus carpio*, *Gasterosteus lævis*; Rennes).—Bast.. 1865c. 106. figs. 35-37 (in mud; Falmouth and New Cross. Kent).—Brakenhoff. 1914. v. 22. 310.—Büetsch.. 1873a. 20-21. 27. pl. 1 figs. 4a-d; 1873. v. 26. 379. pl. 25 figs. 13a-c.—Daday. 1897. v. 10. 124; 1905. v. 23. 344; 1910. v. 119. 576; 1911. 504.—Ditlevsen. 1912. 247-248. 249. 250.—Fric & Vávra. 1901. 93. Hempelm.. 1912b. 108.—Hofmæn.. 1913. 638-640. pl. 16 figs. 18a-b.—Hofmæn. & Menz.. 1915. 199-200.—Jägers.. 1909. 37. 40. figs. 53. 54.—Krøyer.. 1838-40a (in *Gast. aculeatus*).—Leuck.. 1868a. 360.—Linst.. 1876. 7. 8-10. fig. 17-22 (Ratzeburger-See); 1885. 235-236. pl. 13 figs. 1-4.—Man. 1884. 186. pl. 32 fig. 132; 1907. v. 2. 17-20. pl. 2-3 fig. 5 (? *s. striatus* Daday) (in Seine. Meudon, France. Germany. Eng.. Hungary); 1907. v. 7. 20. 25-28. pl. 2-3 fig. 5.—Menz.. 1914. AN. 31. 32. 33. 35. 73. 82.—Micol.. 1913. 7. 11; 1914. ZJ. 506-511. pl. 14 figs. 12a-e.—Oerley. 1880a. 119. 125.—Plotnikov. 1901. 246.—G. Schneid.. 1906. 683; 1913. 30 (in *Acerina cernua*, *Abramis brama*, *Alburnus lucidus*, *Gobio gobio*).—Stefanski. 1916. ZA. 364.—Stiles & Hass.. 1905b. 102.
- s. raticaudatus* Cobb. 1906. 164. 170-172 (about roots of diseased cane; Maui, Hawaii).
- striatus* Daday. 1894. Mte. v. 12. 140; 1897. v. 10. 127. pl. 14 figs. 8-11. 14; 1897. v. 2 (1). 108-109. figs. 96-99 (free; Balaton) (quotes 1894. v. 12. 128).—Man. 1907. v. 2. 17 (so. *stagnalis*); 1907. v. 7. 27.—Plotnikov. 1901. 246.
- subsimilis* Cobb. 1893a. 810 (33) (about roots of sugar cane; N. S. Wales).
- sulcatus* Cobb. M. V., 1915. TAMS. 32-35 (Maple River, Mich.).
- superbus* Man. 1880a. 79-80 (in moist soil; Holland).—Daday. 1905. v. 23. 344.—Menz.. 1914. AN. 67.
- tenuicaudatus* Bast.. 1865c. 107. figs. 43-44 (in mud; Tunbridge Wells).—Hofmæn. & Menz.. 1915. 204.—Menz.. 1914. AN. 73.—Oerley. 1880. 119. 124.
- tenuicollis* Steiner. 1914. AHP. 273-274. figs. 25-27 [apparently Switz.].
- tenuis* Linst., 1879a. 166 (on roots of moss; Ing.).
- tenuis* n. sp. Ditlevsen. 1912. 246-247. 249. pl. 5 figs. 39-40. 42-43. 46 (Lyngbe Sø).
- torpidus* Bast.. 1865c. 108-109. figs. 54-56 (on *Festuca elatior*; Broadmoor, Berks).—Büetsch., 1873a. 29.—Marcinowski. 1909. v. 7 (1). 56.—Oerley. 1880. 119. 123-124.
- tripillatus* Daday. 1905. z. v. 18. 67-68. pl. 4 figs. 19-21 (in fresh water; Paraguay); 1905. v. 23. 327-328.
- tritici* n. sp. Bast.. 1865c. 107. pl. 10 figs. 45-47 (in ground, at roots of wheat; Broadmoor, Berks).—Man. 1876a. 100-102; 1876b. 23-25. pl. 4 fig. 7a-c (Leiden).—Marcinowski. 1909. v. 7 (1). 56.—Oerley. 1880. 119. 120.

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- unipapillatus* Daday, 1905, z. v. 18, 70–71, pl. 4 figs. 17–18 (in fresh water; Paraguay); 1905, Mte, v. 23, 328.
vesuvianus Cobb, 1893b, 294 (45) (among moss on sides of Mt. Vesuvius; Italy; 1893, 45).
vesuvianus helvetica Steiner, 1914, AHP, 431, figs. 24a–b (Switz.).
zograffi Man, 1885 a, 24 (in soil; Moscow).
zschokkei Daday, 1906, v. 30, 413–414, figs. 1–3 (free; Vierwaldstædter-See).—Hofmæn. & Menz. 1915, 195–196.—Jægers., 1908, v. 33, 677.

DOSMIUS Chalpowski, 1909, 328 (misprint for Dochmius).

duodenalis (Dubini, 1843) Chalpowski, 1909, 328.

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DRACONCULUS Penel, 1905, 67 (misprint for Dracunculus).—Stiles & Hass., 1907a, 39.

loa (Cobbold, 1864) Penel, 1905, 67.—Stiles, 1907b, 42.

oculi (Gerv. & Ben., 1859) Penel 1905, 67 (so. *loa*).—Stiles, 1907b, 42.

DRACONEMA Cobb, 1913, JWAS, v. 3 (5), 145–149 (tod. cephalata).

cephalata Cobb, 1913, JWAS, v. 3 (5), 145–149, fig. 1 (Kingston Harbor, Jamaica).—Steiner, 1915, ZJ, 240 (cephalum) (Naples and Barentssee).

Dracontiasis. See Dracunculosis.

Dracontiasse. See Dracunculosis.

DRACUNCULI Sennert, (1641a), 233; (1641b), 1–3; (1641c), 359.

DRACUNCULIDÆ Leiper [nv.].—F., S., & T., 1916a, 374, 385.—Rail., 1916, RMv, 521.

DRACUNCULIINÆ Stiles, 1907b, 38, 39; 1909e, 311–312.—Rail., 1916, RMv, 519.—Ward, 1916, 682.

Dracunculose. See Dracunculosis.

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(AFRICA) Tutschek, 1853a, 27–34; 1853b, 481–484.

(AUSTRIA) Schwartz, 1858a, 499–503, figs. 3–9.

(BOMBAY) Hutchinson, 1916, 23; 1917, TDB, v. 9 (3), 132–133.—Liston, 1913 RBBL, 32–36; 1914, *ibid.*, 12–16; 1914, IMG, v. 49 (1), 34.

(CAIRO, EGYPT) Burguières, 1861a, 1301–1302; 1861b, 452.—Sachs, 1878, (4), 95–96 (surgical).

(CUBA) Oxamendi, 1864a, 118–120.

(DEUTSCHLAND) Leiper, 1907, DmW, v. 33 (5), 200.—Mosler, 1884a, 1–25.—Seifert, 1908a, 547.

(EDINB.) Drummond, 1794a, 294–300.

(EGYPT) Looss, 1914, HdT, v. 2, 491.

(FAIZABAD, OUDH) Kemp, 1904a, 189 (clinical).

(FRANCE) Rayer, 1836a, 454–455.—Regnault, 1903a, 320–321.

(GR. BRIT.) Cast. & Chal., 1910a, 417–418, 1045, 1057.

(INDIA) Turkhud, 1913, 54; 1914, TDB, v. 3 (6), 317–318.

(JENA) Hempelm., 1912a, 111.

(KHARTOUM) Wenyon, 1908b, 132–135.

(LILLE) Verdun, 1907, 420–423.

(LOND.) Loney, 1844a, 309.—McConnell, 1914, JTMH, v. 17 (22), 337–340.

(MADRAS) Lorimer, 1839a, 46–54.

(MONTPELLIER) Benoit, 1859b, 518–539, pl. 2, 6.—Thibaut, 1859a, 521–523; 1862a, 161–162; 1863a, 52.

(MOSKOW) Fedtsch., 1871a, 71–82.

(NAP.) Savarese, 1805a.

(OXFORD) Osler, 1912, PM, 307–308.

(PARIS) R. Bl., 1892s, 1044–1045.—Brumpton, 1910a, 467.—Fontoyment, 1902a, 509.—Larrey, 1804a, 178–179.—Levert, 1857, v. 1, 402.—Perrin, 1896a, 549–552; 1896b, 1315–1318.—Roubaud, 1906a, 1–72.—Seize, 1874a, 1–49.

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(PHIL.) Tyson, 1903a, 1196.

(SECUNDERABAD) Stewart, 1858a, 88-96.

(U. S. A.) Bennett, 1898a, 216.

(MISCELLANEOUS) F., S., & T., 1916a, 386.—Musser, 1913a, 532.—Piot, 1906, 589.—Wood & Fitz, 1897, 341.

Bibliography: (GR. BRIT.) Inglis & Leiper, 1912, JLSTM, v. 2 (1), 1-24.

Cases: (ARGENTINE REPUBLIC) Alvarez, 1903 (Semana med., Buenos Aires, v. 10 (53), 1288-1289.

(AUSTRALIA) MacGillivray, 1860a, 172-174.

(BELGIUM) Defaye, 1860a; 1860b, 268-270; 1863a, 52-53.—Defaye & Testelin, 1860a, 568-572. -

(BELGIAN CONGO) Cammermeyer, 1914, NML, v. 12 (10), 1169-1170.

(BERL.) Bartels, 1898a, 155-156.—Med. News, 1898, July 23, 121.

(BUDAPEST) Selli, 1896a, 536; 1896b, 1143-1145.

(CALCUTTA) Twining, 1835a, 476-480.

(CONSTANTINOPLE) Picipio, 1858a, 85-89; 1858, (24), 653.

(DANZIG) Passauer, 1860a, 432-435; 1861a, 749.

(DEUTSCHLAND) Fabry, 1907, AST, v. 11, 298-299; 1907, CPA, v. 18 (13), 519; 1908, CfB, v. 41 (19-21), 665.—Senator, 1898a, 130-131.

(DUBLIN) Tuftnell, 1869a, 45-52 (fatal).

(EDINB.) Duncan, 1879a, 713-715.

(EUROPE) Wengler, 1851a, 358-360.

(FIRENZE) Polverini, 1903a, 100.

(FRANCE) Beclerc, 1903, v. 20, 867.—Le Fort, 1886, BAM, v. 16, 22-26.—Nimie & Laval, 1904a, 320-322; 1905a, 419.—Robin, 1855a, 35-37.—Sauveplane, 1909, Toulouse méd., v. 11, 257.

(GR. BRIT.) Burnett, 1830a, 285-291.—Moore, 1865a, 365-366.—O'Donoghue, 1913, JLSTM, v. 2 (2), 146.—Williams, 1886a, 711.

(INDIA) Cayley, 1882a, 305; 1882b, 155-156.—Chitale, 1912, IMG, v. 47, 318-320; 1913, AST, v. 17 (21), 759.—Crawford, 1909, IMG, v. 44, 379.—IMG, 1868, v. 3 (1), 7-8.—Innes, 1900a, 255-256.—Jackson, 1841a, 115-116; 1842a, cccxiv-cccxi.—Raddock, 1877a, 265.

(ITALY) Velo, 1890a, 1545-1546; 1891a, 50-54.

(KLAUSENBURG) Lang, 1864a, 485-488, 501-505; 1864b, 772-774, 789-791, 806-808.

(LOND.) Duncan, 1879a, 713-715; 1884a, 715; 1903, v. 6 (16), 253-254; 1903, v. 1 (19), 735.—Fox, 1879a, 330-331.—Lancet, 1886, v. 2 (14), 658.—Siberry, 1904a, 654-655, pl. 1.

(MARSEILLE) Reynaud & Bonnaud, 1906a, 301-302; 1907a, 468.—Lop, 1913, GHcm, 1254.

(MILAN) Bassini, 1891a, 193-196.

(MONTPELLIER) Benoit, 1859a, 1-24, figs. 1-6; 1859b, 518-539, figs. 1-6; 1859c, 692-696, 699-700; 1859d, 310-315; 1862a, 161-162, 171, 180-181, 190-191, figs. 1-6; 1863, SJ, v. 119 (1), 52.

(MONTREAL) Robinson, 1865a, 55-57.

(MOSKOW) Ostroglazov, 1886a, 29-32.

(PARIS) Lafage, 1886a, 173-174; 1887a, 296-297.—Laurens, 1908, C, v. 8, 135.—Maisonneuve, 1844a, 472-480; 1845a, 527-528.

(PHILA.) Francis, 1901a, 651-652, figs. 1-3.—van Harlingen, 1888a, 417-418; 1888b, 45-46; 1888c, 373.—PMJ, 1898, v. 2 (3), 96.

(RUSSIA) Bulgakoff, 1886a, 1887a, 353-355.—Voskressenski, 1887a, 136-141.

(SAN FRANCISCO) Barkan, 1876a, 151-152 (in ant. chamber).

(SCOTLAND) Paton, 1806a, 151-169.

(SECUNDERABAD) van Someren, 1853a, 76-81.

(SIERRA LEONE) Clark, 1840a, 585-586.

(SOUTHAMPTON) Oke, 1843a, 446-447.

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(STATEN ISLAND) Severance, 1860a, 165-166.

(TRINIDAD) Mitchell, 1859a, 533-534; 1859b, 358-359 (in eye).

(U. S. A.) Buist, 1874a, 104-108.

(VIRGINIA) Jarvis, 1857a, 399-401.

(WIEN) Zontides, 1880a, 287-289.

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—, ophthalmia: (FRANCE) Larrey, 1806a, 145-149.

—, tetanus: (SECUNDERABAD) McKenzie, 1853a, 126-127.

—, ulcers: (SCOTLAND) Hutcheson & Forbes, 1744a, 784-787.

—, urticaria: (PARIS) Bertet, 1908, BSPE, v. 1 (5), 309-312; (6), 330-333; 1908, Pm, v. 16 (40), 316.

Eosinophilia: (CONSTANTINOPLE) Remlinger, 1904e, 76-77; 1904f, 203; 1904g, 733; 1904h, 887; 1905a, 44.

(GR. BRIT.) Balfour, 1903, L, v. 165, v. 2 (24), 1649; 1904, RWRL, v. 1, 58-61.—Dudgeon & Child, 1903, JTM, v. 6 (16), 253-254; 1903, BIP, v. 1 (19), 735.

(PARIS) Billet, 1906, CrSB, v. 60, 891-892, 934; 1906, 379-380; 1906, BIP, v. 4 (17), 725; 1906, CPA, v. 17 (20), 834.

(MISCELLANEOUS) Foelger, 1908, 108.

History: (BERL.) Bloch, 1899a, 729-730.—Ewald, 1882b, 547.

(LOND.) Cooper, 1871a, 617, figs. 1-5.

Geographic distribution: Felkin, 1890a, in 266-315, pls. 1-16.

(ABYSSINIA) Looss, 1905c, 180.

(AFRICA) Horton, 1870a, 335-336 (W. coast).—Looss, 1905c, 180.—Mans., 1903e, 617.—Moore, 1738a, 130.—Ward, 1903l, 210-211, figs. 3542-3543.—Wurtz & Sorel, 1911, RMHt, v. 8, 149-154 (epidemic, Ivory Coast).

(ARABIA) Looss, 1905c, 180.—Mans., 1903e, 617.—Niebuhr, 1772a.—Ward, 1903l, 210-211, figs. 3542-3543.

(ASIA) Ward, 1903l, 210-211, figs. 3542-3543 (Southern).

(BAHIA) Pereira, 1876a, in 21-31, 68-82; 1877b, 151-166; 1877c, 295-302.

(BENDER-BOUCHIR, PERSIA) Crespín, 1902a, 198-199.

(BOKHARA) Burnes, 1835a, 459-461.

(BOMBAY) Carter, 1855a, 45-56, 252, figs. 1-9; 1858a, 410-414; 1859a, 215-220; 1859b, 28-44, 98-116, pls. 1-3.—Michie, 1831a, 117-118.

(BRAZIL) Looss, 1905c, 180.—Mans., 1903e, 617.—Silva Lima, 1891b, 433-444; 1891c, 481-491, 533-540.—Ward, 1903l, 210-211, figs. 3542-3543.

(CAIRO, EGYPT) Fahmy, 1885a, 1-46, figs. 1-3.—Perron, 1838a.

(CAPE COAST CASTLE) Robinson, 1846a, 70-72.

(DECCAN) Gibson, 1839a, 209-210.

(E. INDIES) Lister, 1697a, 417-418; 1731f, 138; 1749e, 139.

(EGYPT) Clot, 1830a, 55-56; 1832a, 126-150.—Littlewood, 1893a, 209-211.

(ERITREA) Coppola, 1906, GmrE, v. 54, 92-96.

(GILBERT AND ELLICE ISLANDS, POLYNESIA) Robertson, 1908, 18.

(GUIANA) Looss, 1905c, 180.

(HAUT-SASSANDRA, COTE D'IVOIRE) Bl., 1911, BSPE, v. 4, 206-209.

(INDIA) Annesley, 1841, 67.—Berncastle, 1851b, 457-458.—Bruce, 1806a, 145-150.—Henderson, 1841a, 353.—Liston & Turkhud, 1914, AISC.—Looss, 1905c, 180.—Mans., 1903e, 617.—Richards, 1904a, 58.—Ward, 1903l, 210.

(INDIA, NORTHERN) Grierson, 1841a, 90-93.—Lorimer, 1839a, 46-54; 1839b, 365-370.

(KHERWARRAH) Hendley, 1872a, 59-60.

(LEVANT, VOYAGE DE) Thevenot, 1674a, 257-267.

(MAIRWARA) Greenhow, 1856a, 556-557, figs. 1-4.

(NYASALAND) Leiper, 1913, JLSTM, v. 2 (3), 175.

(OUADAÏ) Motas, Jamot & Robert, 1914, BSPE, 526.

(PERSIA) Looss, 1905c, 180.—Mans., 1903e, 617.—Ward, 1903l, 210.

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(PETROGRAD) Beltzoff, 1885a, 539–541.

(SATTARA) Murray, 1847, BMPST, no. 9 (6), 198.

(SOUDAN) Leger, 1903e, 246–247; 1903f, 175.

(S. AMERICA) Saulnier de Pierrelevée, 1845a, 37–38.

(TURKESTAN) Durante, 1897a, 808–809.—Looss, 1905c, 180.—Mans., 1903e, 617.—Ward, 1903l, 210.—Yakimoff, 1914, BSPE, v. 7, 192.

(W. INDIES) Williamson, 1817a, 57.

Incubation: (CALCUTTA) Dobie, 1881a, vii.

(EDINB.) Balfour, 1858a, 442–443.

(FRANCE) Wurtz & Sorel, 1912, CrSmHt, v. 30 (5); 1912, AST, v. 16 (18), 639; 1913, TDB, v. 1 (8), 422–423.

Location, eye: (MARIBAROU, SAN DOMINGO (Mongin), 1770a, 338–339.

—, foot: (DEUTSCHLAND) Lachmund, 1688a, 221–222; 1757a, 279–280.

(RIGA) Allenstein, 1870a, 117; 1870b, 166–167.

—, leg: (DUBLIN) Foot, 1861a, 339.

(FRANCE) Robin, 1855a, 35–37.

(INDIA) Annandale, 1862, 434–435.

(LOND.) Rollest., 1892a, 152–153.

—, scrotum: (DEUTSCHLAND) Lachmund, 1688a, 221–222; 1757a, 279–280.

(FRANCE) Esprit, 1898a, 364–371; 1900, AST, v. 4 (1), 58.

(LOND.) Duncan, 1884a, 715.

—, tongue: (INDIA) Hillier, 1892a, 79.

Mode of infection: (BAHIA) Silva Lima, 1877b, 301–316; 1879a, 67–69, 151–154, 235–238, 319–322; 1881b, 395–406.

(BOMBAY) Looss, 1905c, 185 (unfiltered drinking water); 1914, HdT, v. 2, 499.

(INDIA) Carter, 1862a, iii–vii (through sudorific ducts); 1862b, 446.—Harrington, 1899a, 146–147; 1900a, 57–58 (skin).

(LONDON) Mans., 1903e, 623.

(PARIS) Marchoux, 1900c, 95–96 (Cyclops).

Periodicity, seasonal: (GOLD COAST) Leiper, 1911, v. 14 (14), 211–212, charts a–b.

Prevalence: (BOKHARA) Bost. Med. & Surg. J., 1843, v. 28, 387.

Prevention, prophylaxis, etc.: (FRANCE) Rodriguez & Neveux, 1908, RMHt, v. 5, 258–260.

(GR. BRIT.) Smith, 1913, BMJ, v. 2, 1610.—Leiper, 1906, BMJ, v. 1, 19–20 (influence of acid on larvæ); 1906, 1–2; 1906, DmW, v. 32 (3), 115; 1907, NYMJ, v. 83 (4), 209; 1907, BMJ, v. 1, 129–132; 1907, 1–10; 1907, MR, v. 71 (6), 243–244; 1907, BIP, v. 5 (10), 445–446; 1907, HC, v. 2 (19–20), 626; 1907, JTMH, v. 10 (14), 243; 1907, CPA, v. 18 (14), 569; 1907, JTVS, v. 2 (4), 444.

(INDIA) Lane, 1912, IMG, July; 1913, AST, v. 17 (21), 759.

(LAGOS) Graham, 1912; 1913, AST, v. 17 (21), 759.

Prognosis: (INDIA) Williams, 1899a, 242–243.

Symptoms: (GR. BRIT.) Fagge & Pye-Smith, 1902a, 474–475.

(INDIA) Duke, 1893a, 403–407; 1895a, 64–65.—Chupin & Gandar, 1900a, 53–62.

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(CALCUTTA) Greenhow, 1861a, 31–32.

(CAYENNE AND FRENCH GUIANA) Bajon, 1871a, in 1–156.

(EDINB.) Marshall, 1905, EMJ, v. 60, 342–345.

(ERITREA) Coppola, 1906, GmrE, v. 54 (2), 92–96.

(FRANCE) Émily, 1894a, 460–467.—Roquemaure, 1903a, 497–500; 1904a, 736.

(GR. BRIT.) Fagge & Pye-Smith, 1902a, 474–475.—Horton, 1868a, 1–51; 1868b, 183–184.—Roth, 1894a, 801.

(INDIA) Anderson & Dubois, 1806, 300–307.—Huntley, 1894a, 363–364.—Meer Ushruf, 1868a, 6–7.—Minas, 1856a, 568–570.—Peacocke, 1896a, 311.

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- (KORDOFAN, EGYPT) Anderson, 1908; RWRL (3), 281-322, figs. 61-101.
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 (MONTPELLIER) Trucy, 1873a, 1-42.
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 (U. S. A.) Anders, 1903a, 1257-1258.
 (UPPER ASSAM) Forbes, 1894a, 301-304; 1894b, 471-472.
 (MISCELLANEOUS) Craig, 1915, 508.
 —, alcohol injections: (MADRAS) Foulkes, 1898a, 236; 1900, AST, v. 4 (1), 58-59.
 —, amar pattee leaves: (PHILA.) Anders, 1903a, 1258.
 —, asafetida: (PHILA.) Tyson, 1903a, 1197.
 —, carbolic acid: (INDIA) IMG, 1868, v. 3 (1), 7-8.—Porter, 1870a, 108-110.
 (PHILA.) Anders, 1903a, 1258 (compresses after incision).
 (ROME) Cantafora, 1902a, 1050-1058; 1902b, 910; 1903, AST, v. 7 (4), 203 (injections with 3%).
 —, chloroform: (PARIS) Antony, 1904, BSMH, v. 21, 1027-1030.
 —, cocainization: (PARIS) Bellot, 1908, BSpE, v. 1 (9), 560-563 (and excision).
 —, corrosive sublimate, bichloride of mercury: (FRANCE) Blin, AMN, 368.
 (LONDON) Mans. 1903e, 625-626.
 (PARIS) Gallandat, 1760a, 24-28.
 —, electrolysis: (ADEN) Faulkner, 1883a, 1280-1281.
 —, extraction of worm: (FRANCE) Beclerc, 1903, BSMH, v. 20, 867; 1903, L, v. 165, v. 2 (5), 345.
 (INDIA) IMG, 1870, v. 5 (8), 171.
 —, mercuric chloride: (CALCUTTA) Mackenzie, 1898a, 326.
 (U. S. A.) French, 1896a, 647-648.
 (LOND.) Lamb, 1898a, 686.—Mans., 1901c, 555-556.
 —, suction: (LOND.) Dick, 1880a, 207-208.
 —, surgical removal: (GR. BRIT.) Fagge & Pye-Smith, 1902a, 474-475.
 (PHILA.) Anders, 1903a, 1258.
 —, traction (GR. BRIT.) Fagge & Pye-Smith, 1902a, 474-475.
 (KHARTOUM) Cummings, 1911, JTMH, 22.
 (LONDON) Mans., 1903e, 625.
 —, weight extension: (INDIA) Pisani, 1891a, 223.
- DRACUNCULUS Pre-Linnean.—Bartholinus, 1669a, in 1-531.—Cunelius, 1689a, 395-428.—Kämpfer, 1712a, 524-535.—Lister, 1697a, 417-418.—Paré, 1582a, 253-256.—Sennert, 1641a, 233; 1641b; 1641c, 359.—Stiles, 1907b, 39.—Stiles & Hass., 1905b, 102.
- DRACUNCULUS Reichard, 1759, 12 and Gallandat, 1773a, 103-116 (mt. "D. sive Vena medinensis," also type by absolute tautonymy, see dracunculus); 1775a, 526-529 [not Dracunculus Wieg., 1834, reptile; not Dracunculus, fish, see Krøyer, 1838-40a, 422 (so. Callionymus lyra)].
- (AUSTRIA) Dies., 1861a, 695-698 (includes persarum, oculi, æthiopicus).—Slawikowski, 1819, 23.
 (BELGIUM) Gedœlst, 1911a, 105.
 (BOKHARA) Burnes, 1835a, 459.
 (DENMARK) [Krøyer, 1838-40a, 422 (so. Callionymus lyra [pisces]; refers to "Wormii Museum, p. 268")].
- DEUTSCHLAND Blumenb., 1825a, 240.—Braun, 1883a, 184; 1915a, 304.—Crep., 1846b, 154, 171.—Leuck., 1876a, 620, 642-644; 1879a, 133; 1886d, 101.—Linst., 1892g, 511.—Roche, 1837a, 807-811.—Rud., 1809a, 72 (of Velsch, so. Fil. alaudæ).
 (EGYPT) Looss, 1905c, 117, 118; 1911a, 235, 246.
 (FRANCE) Chambolle, 1827a, 87-89 (in Homo; Guinee).—Rail., 1916, RMv, 519.—Vautrin, 1854a, 311-314.

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- (GR. BRIT.) Aitken, 1866, 847, 863-880; 1872, 163-175, 176.—Cast. & Chalm., 1910a, 5; 1913a, 11, 522, 541.—Cobbold, 1879b, 205; 1883q, 403, fig. 17 (so. Fil.).—Collier, 1836a, 217-221.—Proc. Roy. M. & Chir. Soc., v. 5 (8), 318-319.—Rolleston, 1888a, 683, 686.—Shipley, 1896a (1901b), 131, 135, 147.
- (INDIA) Berncastle, 1851b, 457-458.—Bird, 1825a, 151-164.—Duncan, 1835a, 273-281.—Ewart, 1860a, 470-492; 1860b, 449-461.—Kennedy, 1825a, 165-178.—McClelland, 1840a, 359-371; 1842a, 341-342; 1843a, 812-813.—Mackay, 1870a, 292-294.—Milne, 1831a, 112-116 (lymphangitis).—Morehead, 1833a, 418-434; 1835a, 460-462; 1836a, 49-84.—Scot, 1821a, 96-105.—Smyttan, 1825a, 179-189.—Stewart, 1866a, 433-435.—Waring, 1867a, 316-319.
- (NETHERLANDS) Hussem, 1771a, 443-464.
- (PORTUGAL) de Oliveira & Paulino, 1843a, 132-141.
- (SANTO DOMINGO) Péré, 1774a, 121-132.
- (SATARA, INDIA) Murray, 1847a, in 155-208.
- (U. S. A.) Agnew, 1883, 480.—Dungl., 1893a, 661, 674, 733, 742, 1090, 1150, 1173.—Martin, 1852a, 257-261.—Mitchell, 1870b, 11.—Stiles, 1907b, 39; 1914, MM, v. 2, 271.—Stiles & Hass., 1905b, 102.—Stitt, 1916a, 315.
- (WEST AFRICA) Daniell, 1849, 44-45.
- (MISCELLANEOUS) Carro, 1805a, 166-185.
- aethiopicus* (Val., 1856) Dies., 1861a, 698 (in *Felis guttata*; Paris).—Rail., 1889, 74.—Stiles, 1907b, 40.—Stoss., 1897, 30 (so. Fil. *medinensis*).
- dahomensis* (Neum., 1895) Rail. & Henry, 1910, v. 3, 94-95 (in *Python natalensis*; Dahomey).—Seur., 1916, 344 (in P. n.).
- græcorum* Gruner, 1777a, 257-264 (s. *Vena civillis*, *V. egrediens*, *V. exiens*, *V. medinensis*).—Stiles, 1907b, 39.
- [*leonidæ* Aetius, 1549 (800-801) [not used as specific name]].—Brems., 1824, 199.—Rougier Grangeneuve, 1880a, 10.—Slawikowski, 1819b, 61.]
- loa* Cobbold, 1864b, 147, 388-389 (s. oculi, *Loa*, Fil. *medinensis* pars. *lacrymalis* pars. oculi pars); 1866a, 6; 1867a, 6.—Bachelor, 1880a, 244 (in *Homo*)—Braun, 1903a, 271 (to Fil.); 1908a, 300; 1915a, 315.—Brumpt, 1910a, 449; 1913a, 511.—Cast. & Chalm., 1910a, 421; 1913a, 536.—R. Leuck., 1867, 150.—Morton, 1877a, July, 115.—Penel, 1905, 67 (to Fil.).—Sl. & Sw., 1912a, 353.—Stiles, 1907b, 42; 1914, MM, 312.—Ward, 1903, 211 (to Fil.).
- longissimus* Césalpin.—R. Bl., 1888a, 727 (so. *Eustr. gigas*).
- medinensis* (Linn., 1758) Gallandat, 1773a, 103-116; 1775a, 526-549 (in *Homo*).
- (AUSTRIA) Schwarz, 1858a, 481-483, 499-503.
- (BELGIUM) Ben., 1863a, 379-380; 1878a, 274-275.—Gedølst, 1911a, 105 (in dog, horse, man, ox, etc.).
- (BOKHARA) BMSJ, 1843, v. 28, 387.
- (BRIT. GUIANA) Daniels, 1910a, 2, 71, 117; 1914a, 125.
- (CUBA) Oxamendi, 1864a, 118-120.
- (DENMARK) Eschricht, 1840b, 148.—Jacobson, 1834d, 1-9; 1837a; 1848a, 132-133.
- (DEUTSCHLAND) Braun, 1883a, 184-185; 1903a, 260 (to Fil.); 1908a, 293; 1915a, 304, figs. 270-272.—Crep., 1846b, 170-171; 1846, v. 32, 278.—Fieliz, 1788a, 492-507.—Fuelleborn, 1913, 321-327, figs. 38-41.—Gescheidt, 1833a, in 405-462.—[Gruner, 1774a, 216-226.]—[Hebra & Kaposi, 1876a, 683-686 ("Peitschenwurm").]—Hirsch, 234-250.—Küech., 1855a, 304-322, 481, pl. 8 figs. 3-3a.—Kunsemüller, 1797a, 1-24; 1799, 254-286.—Leuck., 1867b, 150; 1876a, 644-725, 743, figs. 312-347.—Linst., 1883, 303; 1896, 13-15 (toxine), 17; 1901, 273; 1903; 1907; 1905, 193; 1906, 391, 397, 398, 399.—Löffler, 1788a.—Ludwig & Sæmisch, 1895a, 730.—[Meyer, 1788, v. 10 (2), 71; 1789a, 156-162.]—Neum. & Meyer, 1914a, 70, 400, 401, 402, 403.—[Rud., 1819a, 207, literature.]—Sachse, 1846a, 26-32.—Schneid., 1866a, 3.—Sieb., 1845b, 207; 1850i, 358-359.—Vogt, 1878a, 11, 45, figs. 37-40.—Zwicke, 1841a, 30.
- (EGYPT) Burguières, 1861a, 1301-1302; 1861b, 452.—Griffith, 1888a, 317-318 (in dog).—Looss, 1905, 181, 182-188, figs. 39-40; 1914, 491, 493.—Sons., 1883, v. 1, 155.
- (FRANCE) Audouin, 1824b, 613.—Blainv., 1828a, 365-625, pls. 27-28.—R. Bl., 1890, 393-399.—Bouillez, 1916, BSPe, 163.—Bourel-Roncière, 1878, 192.—Broca, 1890, *Traité de Chir.*, 595-598.—Brumpt, 1910a, 464; 1913a, 526.—

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(INDIA) Batliwala, 1893a. 412-413 (in *E. caballus*).—Bird, 1825a. 151-164.—Brett, 1840a. 131-137; 1840b. 491-494.—Brook-Fox, 1913. JBNHS. v. 22 (2). 390 (in *Gazella bennetti*; Jemagad).—Crespigny, 1859. v. 4. 94.—Ewart, 1860a. 470-492; 1860b. 449-461.—Scot, 1821a. 96-105.

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(JAPAN) Ijima, 1889b. 367.

(NETHERLANDS) Reynhout, 1824a. 13-25.

(PORTUGAL) de Oliveira, 1843a. 132-141, pl. 1.

(S. AMERICA) Wolffh., 1911. 50.

(TRIESTE) Stoss., 1897. 30 (to Fil.).

(TURKEY) Patterson, 1899a. 518-519.—Roussignan, 1858a. 166-170.—Stambolski, 1879a. 58, 66, 76, 84, 92, 98; 1880a. 182, 191, 221, 231, 241.

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oculi (Gerv. & Ben., 1859) Dies., 1861a. 697-698 (s. Fil. *medinensis* Gmel. and Dies. (solummodo oculi). *F. lacrymalis* Dubini (nec Gurlt)) (in eye. *Homo*; Africa).—Bajon, 1777. 325.—Braun, 1903a. 271 (so. Fil. loa); 1908a. 300; 1915a. 1315.—Brumpt. 1910a. 449; 1913a. 511.—Cast. & Chalm., 1910a. 421; 1913a. 536.—Cobbold, 1860. 697 [nv.]; 1864b. 388 (so. loa); 1866. 6.—[Gaz. méd. Par., 1841. 106.]—[Guyon, 1838. 735.]—[Guyot, 1805. 228.]—Linst., 1878a. 2 (so. Fil. loa).—[Mongin, 1770. 338.]—Neum. & Mayer, 1914a. 391.—Nev.-Lem., 1902a. 123; 1908a. 1481.—Sl. & Sw., 1912a. 353.—Stiles, 1907b. 42; 1907e. 620; 1914. MM. v. 2. 312.—Verrill, 1870. 171.—Wagner, 1883. 127.—Ward, 1903. 211 (so. Fil. loa).

perlarum Duj., 1845a. 44 (misprint for *persarum*) (so. Fil. *medinensis*).

perlorum Meissner, 1863. 51 (misprint for *persarum*).—Stiles, 1907b. 40.

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persarum Kämpfer, 1694a, 395–428; 1712a, 524–535 (in *Homo*; Persia) [Pre-Linnæan].—Braun, 1903a, 260 (so. *Fil. medinensis*); 1908a, 293; 1915a, 304.—Brumpt, 1910a, 464; 1913a, 526.—Cast. & Chalm., 1910a, 417.—Cobbold, 1864b, 375.—Dies., 1851a, 269 (so. *Fil. med.*); 1861a, 696–697; 1861, 280.—Fuchs, 1781a, 1–40.—Herbst, 1787a, 22.—Huber, 1894a, 245–267; 1896a, 593–595, figs. 92–93.—Küech., 1855, 313.—Laporte, 1792b, 531.—Linst., 1878a, 2 (so. *med.*).—Looss, 1905, 180, 182 (so. *med.*).—Nev.-Lem., 1902a, 113; 1908a, 490; 1912a, 781.—Schneidem., 1896, 306 (*Drakunkulus*) (so. *Fil. med.*).—Sl. & Sw., 1912a, 355.—Stiles, 1907b, 39.—Stoss., 1897, 30 (so. *Fil. med.*).

spathulum (Leuck., 1876) Dolley, 1894a (1901), 991 (lapsus = *Dist. sinense*).

veterum Velsch, 1674a.—Stiles, 1907b, 39.

veterum Pall., 1760a, 256.—Stiles & Hass, 1907a, 39.—Braun, 1915a, 304.

DRACUNCUUS Moniez, 1896a, 317 (misprint for *Dracunculus*).—Stiles, 1907b, 39.

Dragonneau (French vernacular for Gord., sometimes referring to G. [= *Dracunculus*] *medinensis*).—Chambolle, 1828a, 87–89 (in *Homo*; Guinea).—Chapotin, 1810a or 1816a.—L'Herminier, 1826a, 7–53.—Marc, 1814a, 244–252.—Matthey, 1820a, 288–294, figs. 1–2; 1820b, 476–477.—Sirus-Pirondi, 1871a, 238–239.—Stiles, 1907b, 40.

DRAKUNKULUS Schneidem., 1896a, 306 (for *Dracunculus*).—Stiles, 1907b, 39.

persarum (Kämpfer, 1694a; Fuchs, 1781) Schneidem., 1896a, 306.—Stiles, 1907b, 40.

DUBIUM Rud., 1819a, [184,] 799 (see also *Vermis dubius*) [a collective group, not of generic value, and without type].

accipenseris-sturionis Rud., 1819a, 191, 799 (s. *Pleuror.*).

alceæ-picæ Rud., 1819a, 188, 799 (in *Alca pica*; by Fabr.).

antilopes (Rud., 1810) Rud., 1819a, 186, 799 (in African Bock).

argentinæ-sphyrænæ (Rud., 1810) Rud., 1819a, 196, 799 (in Argentina *sphyræna*).

boæ-caninæ Rud., 1819a, 712, 799 (in *Boa canina*).

cati-feri Rud., 1819a, [710,] 799 (for *felis-cati-feri*).

centronoti-glauci Rud., 1819a, 195, 565–566, 799 (in *Centronotus glaucus*; Nap.).

cepolæ-rubescens Rud., 1819a, 193, 563, 799 (in *Cepola rubescens*; Rimini).

colubri Rud., 1819a, 712, 799 (in *Coluber*; Brazil).

colubri-natrix (Rud., 1810) 1819a, 799 (in *Coluber natrix*).

colubri-olivacei Rud., 1819a, 189, 559, 799 (in *Coluber olivaceus* [*Philodryas olfersii*]; Brazil).

cyprini-aspii Rud., 1819a, 197, 799 (in *Cyprinus aspius*; Berl.).

cyprini-rutili Rud., 1819a, 197 (in *Cyprinus rutilus*; Hannover).

falconis-albicollis Rud., 1819a, 711, 799 (in *Falco albicollis*; Brazil).

falconis-buteonis (Rud., 1810; Gæze, 1782) Rud., 1819a, 187, 799 (in *F. buteo*).

falconis-nævii Rud., 1819a, 187, 555, 799 (in *Falco nævius*; Mus. Wien).

falconis-nisi (Rud., 1810) Rud., 1819a, [30,] 187, 799 (in *Falco nisus*).

felis-cati-feri Rud., 1819a, 710 (in *Felis catus ferus*; Mus. Wien).

fiatolæ Rud., 1819a, 192, 562, 799 (in *Stromateus fiatola*; Rimini).

fringillæ-domesticæ Rud., 1819a, 187, 557, 799 (in *Fringilla dom.*; Mus. Wien).

gadi-æglefini Rud., 1819a, 192, 799.

gadi-merlucii Rud., 1819a, 192–193, 799 (in *Gadus merlucius*; Nap.).

gadi-morhuæ (Rud., 1810) Rud., 1819a, 192, 799.

gadi-virentis (Rud., 1810) Rud., 1819a, 192, 799.

labri-nilotici Rud., 1819a, 194, 799 (in *Labrus niloticus*; Egypt).

lacertarum (Rud., 1810) Rud., 1819a, 188–189, 779 (in *Lacerta*, *L. africana*, *L. viridis*).

lumbrici-terrestris (Rud., 1810) Rud., 1819a, 199, 799.

muris-amphibii (Rud., 1810) Rud., 1819a, 186, 799.

muris-musculi (Rud., 1810) Rud., 1819a, 186, 799.

mustelarum Rud., 1819a, [8,] 799 (for *mustelarum-pulmonalis*) (in *Mustela foina*, *M. martis*, *M. putorii*).

DUBIUM—Continued.

- ovis* (Rud., 1810) Rud., 1819a, 186, 799.
perca-cirrosæ Rud., 1819a, 194, 565 (in *Perca cirrosa*; Rimini).
perca-marinæ Rud., 1819a, 195, 565, 799.
pleuronectis-boscii Rud., 1819a, 194, 564, 799 (in *Pleuronectes boscii*).
protei-anguini Rud., 1819a, 189, 559, 763 (in *Proteus anguinus*; Rimini).
rajæ-batis Rud., 1819a, [190, 560.] 799 (in *Raja batis*; Monro, 1783, pl. 13 fig. 14).
rajæ-fullonicæ (Rud., 1810) Rud., 1819a, 190, 779.
ranæ [brasil.] Rud., 1819a, 713, 799 (in *Rana*; Brazil).
ranæ-pipæ (Rud., 1810) Rud., 1819a, 189, 799 (in *Rana pipa*).
salmonis-eperlani (Rud., 1810) Rud., 1819a, 196, 799 (in *Salmo eperlanus*).
salmonis-spirinchi Rud., 1819a, 196, 799 (in *Salmo spirinchus*).
sciænæ-umbræ Rud., 1819a, 194, 565, 799 (in *Sciæna umbra*; Nap.).
scombri-coliæ Rud., 1819a, 195, 566, 799 (in *Scomber colias*; Nap.).
scombri-sardæ Rud., 1819a, 195, 566, 799 (in *Scomber sarda*; Nap.).
scombri-scombri Rud., 1819a, 195, 566, 799 (in *Scomber scomber*; Nap.).
scorpænæ-massiliensis Rud., 1819a, 193, 799 (in *Scorpæna massiliensis*).
serpentum (Gmel., 1790) Rud., 1819a, 189, 800 (in *serpentibus*).
siluri-glanidis Rud., 1819a, 196, 567, 800 (in *Silurus glanis*; teste Gœze).
spari-alcedinis Rud., 1819a, 194, 564, 800.
spari-boopis Rud., 1819a, 194, 565, 800.
spari-melanuri Rud., 1819a, 194, 565, 800.
spari-mormyri Rud., 1819a, 194, 565, 800.
sphyrænæ-spet Rud., 1819a, 196, 567, 800 (in *Sphyræna spet*; Nap.).
squali-catuli (Rud., 1810) Rud., 1819a, 190–191, 800 (in *Squalus catulus*; Argentina).
strigis Rud., 1819a, 711, 800 (in *Strix atricapilla*; Brazil).
sturionis Rud., 1819a, 800 (for *accipenseris-sturionis*).
syngnathi-pelagici Rud., 1819a, 191, 561, 800 (in *Syngnathus pelagicus*; Nap.).
testudinis-terrestris Rud., 1819a, [40.] 800 (in *Testudo terrestris*).
triglæ-adriaticæ Rud., 1819a, 195–196, 566, 800 (in *Trigla adriatica*; Rimini).
triglæ-hirundinis Rud., 1819a, 195, 566, 800 (in *Trigla hirundo*; Rimini).
turdi Rud., 1819a, 711, 800 (in *Turdus*; Brazil).
vespertilionis (Rud., 1810) Rud., 1819a, 185, 800 (in *Vespertilio*).
vespertilionis-auriti Rud., 1819a, 185, 553, 800 (in *Vespertilio auritus*; Mus. Wien).
vespertilionis-discoloris Rud., 1819a, 185, 554, 800 (in *Vespertilio discolor*; Mus. Wien).
vulpis Rud., 1819a, 185, 554, 800 (in *Vulpes*; Mus. Wien).
xiphiæ Rud., 1819a, [51.] 800 (in *Xiphias gladius*).
zenis-apri Rud., 1819a, 194, 564, 800 (in *Zeus aper*; Nap.).
zenis-fabri Rud., 1819a, 193, 563, 800 (in *Zeus faber*; Rimini).
- DYACANTHOS Stiebel, 1817a, 174–179, figs. 1–5 (mt. polycephalus) [not *Diacanthus* Sieb., 1817, worm; Latreille, 1834, coleopt.; *Diacantha* Swainson, 1839, fish; Chevr., 1834, coleopt.].
polycephalus Stiebel, 1817a, 174–179, figs. 1–5 (in *Homo*); 1818a, 372; 1818b, 1570–1572; 1818c, 177–180.
- DYCTOPHYMUS Raf., 1815a, 151 (for *Dioctophyme*).—Stiles & Hass., 1905b, 150.
 DYLENCHUS Chapais, 1909, Nat. Canad., 18 (misprint for *Tylenchus*).
devastatrix (Kühn, 1869) Chapais, 1909, 18.
tritici (Steinbuch, 1799) Chapais, 1909, 18.
- DYTRACHICEROS Herm. in Sultz., 1801a, 9 (corrected to *Ditrachyceros*). 42 (mentions no specific name).—Stiles & Hass., 1905b, 103.
- ECHINOCEPHALUS Mol., 1858d, 154 (type *uncinatus*, only valid species, also type by virtual tautonymy and page precedence) [not *Echinocephalus* Schneid., 1875, protozoon]; 1861c, 311.—Oerley, 1885a, 105.—St. Joseph, 1900, 228, 229.—Stiles, 1907b, 37.—Stiles & Hass., 1905b, 103.

ECHINOCEPHALUS—Continued.

- cigni* Mol., 1858d, 154 (in *Cygnus olor*; Padua); 1861a, 611; 1861c, 308, 312–313, pl. 13 fig. 9 (in C. o.; P.); 1861b, 187 (so. *Hystrichis pachic.*).—Jægers., 1909, v. 2 (3), 42 (so. H. p.).—Rail., 1893, 424 (to H.).—Stiles & Hass., 1905b, 103.
- gracilis* Stoss. in Shipley & Hornell, 1906a, 89 (larva in *Margaritifera* vulg; Ing.).
- [*hispidus* A. Schneid., 1875f, 514, 553, 593–594, pl. 16 figs. 36–40 (in *Lithobius forficatus*; Ing.) [Protozoon].—Leidy, 1889, 11.]
- striatus* Mont., 1889d (e), 70–71 (4–5) (in *Scyllium* sp.; Payta, Peru).—Shipley, 1900, 560, fig. E.—Stoss., 1900a, 3–4, fig. 6 (in *Aetiobatis narinari*; W. Pacific).
- uncinatus* Mol., 1858d, 154 (in *Trygon bruchio*; Padua); 1861c, 308, 311–312, pl. 13 figs. 5–8 (in T. b.; P.).—Dies., 1861, 279.—Mont., 1889, 71.—Oerley, 1885a, 105, 110 (in T. b.).—Shipley & Hornell, 1904, 100–101 (to *Cheiracanthus*); 1906, 89.—Stiles & Hass., 1905b, 103.—Stoss., 1900, 4; 1901, 91(3) (in T. brucco, T. pastinaca; Trieste).

ECHINODERES Clap., 1863a, 90–92, pl. 16 figs. 7–16 (type ?*dujardinii* or ? *monocercus*) (for *Echinodère* Duj., 1851a, 302–304, pl. 5 figs. 11–15).—Panceri, 1878 (for 1876), AASfm, v. 7 (10), 4.—Reinhard, 1881, ZA, 588–591.—Villot, 1875a, 456 (g. of *Nematoda*).

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- alosa* Bennet & Olivier, 1826a, 37–38 (in *Clupea alosa*) (for *alosa*).
- alpinus* Linst., 1901e, 278–279, pl. 1 figs. 5–7 (in *Schizopygopsis kozlowi*; Mus. Petrograd).—Porta, 1905a, 161–162, figs. 15a–b.
- aluconis* Müell., 1780, 2, pl. 69 (in *Strix aluco*) [n. v.]; 1784a, 86, pl. 69 figs. 1–4 (in S. a.; by Müell.); 1788a, 39–40, pl. 69 figs. 7–11 (in S. a.).—Bosc, 1802a, 6.—Brug., 1791a, 109, pl. 38 figs. 19–22.—Clerc, 1905, 31.—Dies., 1851a, 37 (so. *tuba*).—Cond.-Franc., 1892, 225.—Fröel., 1802, 65–66, pl. 2 fig. 14.—Gmel., 1790a, 3045.—Lühe, 1905b, 140, 163, 167–170 (in S. a.), 216, 233, 265, 266, 321 (of Rud., 1795, so. *tuba*), 343; 1911a, 41, 42; 1912, ZJ, v. 1, 274.—Marval, 1905a, 204, 205, 206, 207, 208, 210, 211, 215, 217–229 (in S. *tuba*, *stridula*, *nyctae*, *æqualis*, *strigis*, *strigis-auriculate*, *otidis*, *scopis*, *bacillaris*, *mergi*, *inaequalis*, *contortus*, *globocaudatus*, *caudatus*, *polyacanthoides*, *croaticus*) (in *Accipiter tinus*, *Aquila naevia*, *Archibuteo lagopus*, *Asio accipitrinus*, *A. otus*, *Bubo ignavus*, *B. lacteus*, *B. megallanicus*, *Buteo vulg.*, *Cerchneis tinnunculus*, *Circus æruginosus*, *C. cineraceus*, *Circaetus gallicus*, *Cooperastus pectoralis*, *Corone cornix*, *Crotophaga ani*, *Glauclidium passerina*, *Mergus albellus*, *Milvus iclinus*, *M. regalis*, *Nyctale tengmalmi*, *Pulsatrix hulusa*, *P. perspicillata*, *Scops atricapilla*, *Strix flammea*, *Syrnium aluco*, *S. hylophilum*, *S. uralense*, *Tinnunculus alaudarius*, *T. cinnamomeus*, *Turacus buffoni*). 243, 244, 246, 247, 248, 249, 282, 293, pl. 1 figs. 1–4, 15, 18, 19.—Olss., 1893a, 36.—Rud., 1795a, 13–14 (in *Strix aluco*); 1809a, 275 (so. *tuba*).—Westrumb, 1821a, 23 (so. *tuba*).
- amphipachus* Westrumb, 1821a, 4–5 (*erinacei abdominalis* renamed) (in *Erinaceus europæus*; [Wien]).—Cobbold, 1879, 295.—Dies., 1851a, 22.—Duj., 1845a, 500 (in E. e.; W.).—Linst., 1878a, 15 (in E. e.).—Lühe, 1905b, 170, 202, 203.—Porta, 1908, 280 (in E. e.; W.).—Seur., 1913, 130.
- anatis*.—For this very complicated case see Lühe, 1905b, 170–172. Several authors are involved, especially, Goeze, 1782a, Schränk, 1788a, Gmel., 1790a, Fröel., 1789 and 1802.
- anatis* Schränk, 1788a, 26 (in *Hausente*; by Goeze, 1782a, 163–164, pl. 13 figs. 6–7) [not Gmel., 1790a]; 1803, 215 (in *Anas boschas dom.*).—See especially Lühe, 1905b, 151 (s. *filicollis* Rud.), 170–171, 195 (s. *constrictus*), 210 (s. *filicollis*, *boschadis* Bosc and Gmel. [not Schränk], *constrictus*, *tenuicollis*, *torquatus*, *versicolor* pars, *polymorphus* pars, *stellaris*), 243 (cf. *lendix*), 278 (cf. *polymorphus*), 304 (cf. *sphaeroc.*, *filicollis*, *polymorphus*), 312 (cf. *tenuicollis* Fröel.), 314.—Fröel., 1789, 105 (in *Anser dom.*); 1802, 68 (cf. *minutus*).—Ollers, 1816, 51.—Rail., 1893a, 569 (so. *polymorphus* pars).—Rud., 1809a, 297 (so. *constrictus*).—Van Cleave, 1916, 131, 133.
- anatis* Gmel., 1790a, 3045 (in *Anas fusca*; Goeze, 1782a, 164–165, pl. 13 figs. 1–2) [not Schränk, 1788a].—See especially Lühe, 1905b, 171–172 (s. *boschadis* Schränk nec Gmel., *minutus*).—Bosc, 1802a, 6.—Nordm., 1840, 644 (so. m.).—Rud., 1809a, 295 (so. m.).
- anatis* [Miscellaneous, including *anatis* Schränk and *anatis* Gmel., for discussion, see especially Lühe, 1905b].—Bennet & Olivier, 1826a, 31.—Brug., 1791a, 108, pl. 38 fig. 1, A–B (in *Anatis fuscae intest.*).—Clerc, 1905, 30, 31, 33 (of Goeze).—Dies., 1851a, 49 (of Gmel., so. *polymorphus*).—Marval, 1905a, 213, 214, 234–240 ('of Goeze' s. *anatis-boschadis*, *versicolor*, *minutus*, *anatis*, *boschadis*, *collaris*, *anatum*, *tenuicollis*, *constrictus*, *minutus-coccineus*, *polym. pars*, *miniatus*) (in *Ajaja ajaja*, *Anas boschas*, *A. boschas dom.*, *A. sponsa*, *A. sp.*, *Anser cinereus dom.*, *Bernicla torquata*, *Butorides virescens*, *Cairina moschata*, *Clangula glaucion*, *Cygnus ferus*, *C. olor*, *C. o. dom.*,

ECHINORHYNCHUS—Continued.

anatis—continued.

- Dafila acuta*, *Fulica atra*, *Fuligula fuligula*, *F. marila*, *Gallinula chloropus*, *Harelda glacialis*, *Herodias egretta*, *Mareca penelope*, *Mergus brasilianus*; *Merganser castor*, *Metopiana peposaca*, *Netta rufina*, *Nyroca africana*, *N. ferina*, *Oidemia fusca*, *O. nigra*, *Podiceps fluv.*, *Querquedula crecca*, *Somateria mollissima*, *Spatula clypeata*, *Sterna minuta*, *Tadorna cornuta*, 261, 263, 264, 266, 267, 321, pl. 1 figs. 11, 24, 31-34.—Westrumb, 1821a, 33 (of Gmel. and Schrank, so. polym.).—Zed., 1800a, 139-141.
- anatis-boschadis* Marval, 1905a, 204, 234 (so. *anatis*), 235, 236 (= *versicolor*), 237, 265 (based on Goeze, 1782a, see also *anatis-boschadis-dom.*).—Lühe, 1905b, 280.
- anatis-boschadis-domesticæ* Rud., 1809a, 297 (so. *constrictus*) (in *Anas boschas dom.*; Goeze, 1782a, 163, pl. 13 figs. 6-7).—Nordm., 1840, 644 (so. *constrictus*).—See *anatis* Schrank.
- anatis-mollissimæ* Rud., 1809a, 304-306 (s. *borealis*, *Sipunculus lendix*) (in *Anas mollissima*; by Phipps); 1819a, 72 (so. *filicollis*).—Baird, 1853a, 62 (quotes Müell.=polymorphus Jassoy).—Dies., 1851a, 49 (so. p.).—Lühe, 1905b, 172, 243, 282 (Sip. 1. renamed) (so. *lendix*).—Marval, 1905a, 263, 264 (so. f.).—[Müell., 1787a, 57 (quotes Phipps, 103, pl. 7 fig. 1).]—Rail., 1893, 570 (so. f.).—Westrumb, 1821a, 33 (so. p.).
- anatum* Rud., 1819a, 78 (in *Anas clangula*, *A. crecca*, *A. marila*, *A. niraca*, *A. penelope*, *A. rufina*; C. E. V.).—Baird, 1853a, 62 (so. polymorphus).—Lühe, 1905b, 159 (cf. *filicollis*, polymorphus, minutus), 172, 173.—Marval, 1905, 234 (so. *anatis*), 263 (so. f.).
- anguilla* Müell., (1780), 2, pl. 69 (in *Anguilla anguilla*) [n. v.]; 1784a, 84-85, 1 pl. fig. 1-3 (in *Murana anguilla*); Müell., 1788a, 38-39, pl. 69 figs. 4-6.—Bennet & Olivier, 1826a, 33 (in *Gobius niger*, M. a., *Pleuronectes linguatula*).—Bosc, 1802a, 8.—Brug., 1791a, 111, pl. 38 fig. 16-18 (in *Murenæ anguillæ* intest.).—Dies., 1851a, 28 (so. *globulosus*).—Lühe, 1905b, 147, 173-174, 188, 199, 221, 235, 286, 297, 329 (cf. g., *carpionis*, cyprini, rutili, *Acanthoc. sp.*).—Nordm., 1840, 643 (so. g.).—Porta, 1905, 163 (so. g.).—Rud., 1809a, 259 (so. g.).—Stránek, 1901, 103 (so. g.).—Westrumb, 1821a, 11 (so. g.).
- angustatus* Rud., 1802a, 53-55 (*lucii* renamed) (in *Esox belone*, *Gasterosteus aculeatus*; by Rud.); 1809a, 266-268, 300, 314, 318 (s. *lucii*, *candidus*, *T. haruca*) (in E. b., E. *lucius*, *Gadus lota*); 1819a, 68, 79, 318-319 (in *intestinis Esocis lucii*, E. b., *Gadi lotæ*, G. a., *Pleuronectis flesi*, *P. solææ*, *Perca cernuæ*, *P. fluv.*, *Siluri glanidis*; also in *Cottus gobio*, *Perca lucioperca*).—Baird, 1853, 63 (s. c. *percæ*, *affinis* T. h.).—Barbag. & Drago, 1903, 418 (in *Anguilla vulg.*; Catania).—Bellingh., 1844, 255.—Bennet & Olivier, 1826a, 36 (in E. l., G. l., *Perca fluviatilis*, Pl. fl.).—Braun, 1883a, 192, fig. 52; 1895b, 248, fig. 122; 1906a, 343, fig. 223; 1915a, 371, fig. 322.—Braun & Lühe, 1909a, 152, 155, fig. 85; 1910a, 166, fig. 85.—Cobbold, 1876e, 91; 1879, 256, 413, 477, fig. 84, 1.—Cond.-Franc., 1897a, in 1-20, 1 pl.; 1898, 2, 3, 4, 10, 15, 16.—Dies., 1851a, 43-44 (s. p., 1, aff., T. h. pars); 1861a, 747.—Donnadieu, 1877g, 29.—Duj., 1845a, 531.—Fiebiger, 1912a, 307.—Fisch., 1840, 155.—Hempel., 1912a, 104, 109, fig. 14.—Hofer, 1904a, 231, 233, 234 (in A. vulg., *Blieopsis abramo-rutilus*, *Coregonus oxyrhynchus*, *Cottus gobio*, *Cyprinus carpio*, E. l., *Gast. ac.*, *Gobio fluv.*, *Idus melanotus*, *Lota vulg.*, *Lucioperca sandra*, *Perca fluv.*, *Scardinius erythrophth.*, Sil. gl., *Tinca vulg.*).—Kaiser, 1893a, 1, 2, 8, 11-12, 13, 21, 22, 27, 28, 29, 30, 31, 32, 33, 34, 40, 41, 42, 43, 44, 49, 50, 52, 56, 60, 62, 64, 68, 69, 72, 77, 78, 86, 87, 88, 89, 90, 92, 104, 105, 106, 107, 108, 116, 118, 119, 121, 123, 126, 134, 135, 136; 1893b, 2, 4, 5, 6, 7, 12, 14, 15, 16, 17, 19, 22, 24, 26, 27, 28, 29, 39, 40, 41, 42, 44, 46, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 62, 63, 69, 70, 72, 75, 77, 78, 81, 84, 86, 89, 90, 91, 92, 93, 96, 97, 98, 99, 100, 103, 104, 105, 106, 109, 112, 113, 114, 115, 117, 120, 121, 123, 127, 128, 129, 130, 131, 134, 135, 136, 137, 138, 141, 147, pl. 2 figs. 10, 14, pl. 3 figs. 1, 2, 5, 7, 9, pl. 4 fig. 2, pl. 5 fig. 21, pl. 6 figs. 1-4, pl. 7 figs. 4-6, 10, 14-16, pl. 8 fig. 1, 25, 30, 32; pl. 9 fig. 53, 56, pl. 10 fig. 16.—Knoch, 1862e, 93.—Köhler, 1887a, in 710-712, 1887b, 539-540; 1887d, 402.—Kowal., 1894, 7, 227; 1904, 11 (in P. fluv., *Galica*).—Kholodk., 1901, 253 (in *Perca*, *Acerina*).—Kroy., 1838-1840a, 20; 41, 54, 187, 612, 616; 1843-1845a, 184, 297, 488; 1846-1853a, 137, 253, 273; 333, 349, 434, 641; 1852-53a, 1215, 1223 (in *Anguilla migratoria*, *Barbus fluv.*, *Belone rostrata*, *Cor. oxyr.*, E. l., *Gast. ac.*, *Gob. fluv.*, *Leuciscus erythrophth.*, *Lota vulg.*, *Luc. s.*, *Perca fluv.*, *Platessa flesus*, *Rhomus maximus*, *Salmo fario*, Sil. gl., *Tinca vulg.*).—Lam., 1816, 199.—Leidy (1856), 1857, 48 (s.

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angustatus—continued.

- socialis).—Levander. 1906 (1904–1905), v. 30, 67.—Leuck., 1876a, 395–397, 730, 732, 733, 737, 738, 751, 758, 766, 788, 795, 805, 807, 808, 818, 821, 824, 826, 831, 833, figs. 348, 349, 354, 355, 357, 360, 362, 367, 368, 370, 374, 378, 381, 384, 388–393; 1879a, 25, figs. 11, 72; 1886d, 18, figs. 11, 72.—Linst., 1872c, 6–16 (anat., develop.), pl. 1 figs. 1–33; 1873, 4; 1878, 207 (in P. f.); 1889a, 71 (in P. f.); 1903, 277; 1905, 193; 1906, 11 (larva in *Asellus aquaticus*).—Lühe, 1905b, 144, 145, 176 (lucii renamed), 186, 191, 247, 270, 272, 275, 286, 331.—Marval, 1905a, 196.—Mola, 1912, 491, 501.—Moniez, 1896, 419.—Mont., 1887, 25.—Mosler & Peiper, 1894, 318.—Müch., 1898, 54, 110.—Nicoll, 1909, 399 (in *Sal. far.*).—Nordm., 1840, 643, (s. luc.).—Olfers, 1816, 50.—Olss., 1869b, 499, 512; 1876a, 147; 1893a, 34, pl. 4 fig. 64–68, pl. 5 fig. 69 (in *Aspidophorus cataphractus*, *Clupea harengus*, *C. sprattus*, *Cottus bubalis*, *C. poecilopus*, *Coregonus albula*, *Gadus minutus*, *Labrus maculatus*, *L. melops*, *L. mixtus*, *L. rupestris*, *Leuciscus grislagine*, *L. phoxinus*, *L. rutilus*, *Thymallus vulg.*).—Porta, 1904, 4 (in *Gadus aeglefinus*); 1905, 174–176, figs. 24, a–c (s. p., l., aff., platessae, T. h.) (in *Abramis brama*, *Acerina cernua*, *Anguilla vulg.*, *Barbus fluvi.*, *Belone acus*, *Bl. abr.*, *Cot. gob.*, *C. scorpius*, *Coregonus albula*, *C. oxyr.*, *C. lavaretus*, *Clupea harengus*, *Cyprinus carpio*, *E. l.*, *Gast. ac.*, *Gadus aeglefinus*, *Gobio fluvi.*, *Gobius avernensis*, *Id. mel.*, *Labrax lupus*, *Leuciscus rutilus*, *Lepidoleprus trachyrhynchus*, *Lota vulg.*, *Luc. san.*, *Merlucius vulg.*, *Motella mustela*, *Perca fluvi.*, *Phoxinus laevis*, *Platessa flossus*, *P. plana*, *P. vulg.*, *Rhombus maximus*, *Salmo eriox*, *Sc. ery.*, *Sil. gl.*, *Solea vulg.*, *Squalius cavedanus*, *S. illyricus*, *Thymallus vulg.*, *Tinca vulg.*, *Trutta fario*), 177–178, 196, 197, 198, 202; 1906, 260, 262.—Rollest., 1888a, 689; Salensky, 1873a, 509.—Schneidem., 1896, 325.—Schneid., 1903, 7, 8, 22, 23–25, 26, 28, fig. 9; 1913, 33.—Shipley, 1896 (1901b), 174, 183; 1900, 439.—Sieb., 1836, 232; 1839, 160.—Sons., 1891, 256, 264 (in E. l.).—Stiles & Hass., 1894e, 353 (in *Esox reticulatus*).—Stoss., 1886, 49; 1887, 25, 191; 1890, 54; 1891, 113 (in A. v.; Trieste); 1892, 67; 1898, 139.—Tosch, 1905, 116–117.—Wagener, 1857, 80, 83.—Walter, 1866, 67.—Westrumb, 1821a, 26, 54 (in intestinis *Gadi loti*, *Pleuronectis flessi*, *passeris*, *soleae*, *Percae fluviatilis*, *luciopercae*, *cernuae*, *Gasterosteus aculeati*, *Siluri glanidis*, *Esocis lucii*, *belones*, *Cotti gobii*).—Zed., 1803a, 151–152 (in *Esox l.*, *E. b.*).—Zsch., 1884, 11, 61–63 (in *Cyprinus carpio*, *E. l.*, *Lota vulg.*, *Perca fluvi.*); 1896, 774, 784, 818, 819, 820, 821 (in *Perca fluvi.*, *Tinca vulg.*); 1903, 130, 132, 135, 140, 146, 147 (in *Lota vulg.*).—Also reported for *Barbus fluvi.*, *Cyprinus buggenhagii*, *C. jesus*, *C. tinca*, *Gadus lota*, *Macrurus tetrahynechus*, *Pleuronectes maximus*, *Salmo oxryrhynchus*.
- angustus* Kaiser, 1893b, 25, 121 (lapsus for *angustatus*).
- annularis* Rud., 1809a, 287 (for *annulatus* 1790) (so. *nodulosus*).—Baird, 1853a, 63 (so. *proteus*).—Dies., 1851a, 52 (so. p.).—Lühe, 1905b, 174 (error for *annulatus*, by Rud.).—Porta, 1905, 193 (so. p.).—Westrumb, 1821a, 37 (so. p.).
- annulatus* Gmel., 1790a, 3048 [not Molin] (in *Cottus brama*, *C. callarias*, *C. scorpius*; Müell., 138).—Bennet & Olivier, 1826a, 34.—Bosc, 1802a, 9.—Dies., 1861a, 748–749.—Fabr., 1794, 38–41, pl. 4 figs. 4–6 (*Echinorynchus*) (in *Salmo trutta*).—Lühe, 1905b, 174 (s. *annularis*), 175 (= *laevis*), 237.—Rud., 1809a, 289.
- annulatus* Mol., 1858d, 143 (in *Gadus merlucius*; Padua); 1861c, 267–268, pl. 8 figs. 8, 9 (in G. m.; P.).—Linst., 1878a, 240 (in *Merlucius vulg.*).—Lühe, 1905b, 175 (renamed *bifasciatus*), 338.—Mont., 1887, 27; 1900c, 36, 37, 1905, 1 (so. *aurantiacus*), 3.—Par., 1902b (c), 17 (in *Thynnus thynnus*; *Isola d'Elba*).—Porta, 1904, 1, 3 (so. *aurantiacus*); 1905, 181 (so. *aur.*), 183; 1908, 273 (so. *Bolbosoma aurantiacum*).—Also reported for *Aulopus filamentosus*, *Conger vulg.*, *Exocoetus*, *Lepidopus caudatus*, *Merlucius escul.*
- antarecticus* Rennie, 1907a (b) 437–446, figs. 1–4, pls. 1–2 figs. 1–8 (in stom. of *Lep-tonychotes weddelli*; S. Orkneys); 1907c, 555 (in L. w.; S. O.); 1909, 37–43, figs. 1–4, pl. 1 fig. 1–8.
- anthuris* Duj., 1845a, 528, pl. 7 fig. D (in *Triton cristatus*, *T. punctatus*; Rennes).—Cobbold, 1858b, 163, pl. 33 figs. 54–62 (in *Lissotriton punctatus*; near Edinb.); 1879, 455, fig. 76.—Cobbold in McIntosh, 1864, 152.—Cond.-Franc., 1892, 229.—Dies., 1851a, 43 (in L. p., T. c.; Rennes); 1861a, 747.—Kaiser, 1893b, 118.—Linst., 1878a, 204 (in *T. taeniatus*).—Mol., 1858, 143; 1861c, 266 (in T. c., T. p.).—Porta, 1908, 225, 226–227, 233, pl. 9 figs. 1–2 (in *Emys lutaria*, *T. c.*, *T. t.*).—Stoss., 1890, 54.—Also reported for *Cistudo europaea*.

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- appendiculatus* Westrumb, 1821a, 15 (s. *soricis* Rud., 1819a, 76) (in *Sorex araneus*; [Wien]).—Cobbold, 1879, 296.—Dies., 1851a, 31–32 (s. *sor.*) (in *Canis vulpes*, S. a.; Rennes).—Duj., 1845a, 500–501, pl. 7 fig. A (in S. a.).—Linst., 1878a, 16 (in *Crocidiura aranea*).—Lühe, 1905b, 175 (in S. a.), 302 (s. *sor.*).—Porta, 1903, 226, 270 (so. *Chentrosoma buteonis*).
- arcticus* Linst., 1901e, 280, figs. 18–20 (in *Gadus callarias*; Bering Isl.).—Porta, 1905, 174, fig. 27, a–c (in G. c.).
- arcuatus* Dies., 1851a, 47 (in *Macrodon trahira*; Brazil); 1861a, 749.—von Ihering, 1902a, 46 (in M. sp.).—Linst., 1878a, 261 (in M. t.); 1890d, 179.—Porta, 1905, 186–187, fig. 42 (in M. t.), 203.
- ardea* Bennet & Olivier, 1826a, 32 (for *ardeæ*) (in *Ardea cinerea*).
- ardeæ* Gmel., 1790a, 3046 (in *Ardea cinerea*; Goeze, 1782a, 152, pl. 11 figs. 6–7).—Bosc, 1802a, 7.—Brug., 1791a, 109, pl. 37 fig. 13, 14 (in A. c.).—Dies., 1851a, 45 (so. *striatus*).—Lühe, 1904f (1905b), 175 (st. renamed).—Marval, 1905a, 318, 321 (so. st.).—Nordm., 1840a, 643 (so. st.).—Rud., 1809a, 263 (so. st.).—Westrumb, 1821a, 30 (so. st.).
- ardeæ-albæ* Rud., 1809a, 307–308 (*garzæ* renamed) (in *Ardea alba*; Redi, 155, vers. 229, pl. 21 fig. 9); 1819a, 78 (in A. a.).—Dies., 1851a, 56 (s. *garzæ*) (in A. a.).—Linst., 1878a, 141.—Lühe 1904f (1905b), 175–176 (*garzæ* and *gazæ* renamed), 177, 212, 214 (so. *Strigea* [*Holostomum*] *longicollis*), 215.—Marval, 1905a, 205, 216, 321, 360 (in *Herodias alba*).—Westrumb, 1821a, 41 (in A. a.).—Also reported for *Egretta alba*.
- ardeæ-nigræ* Braun in Rud., 1809a, 426 (so. *Distoma ferox*) (in *Ardea nigra*; by Braun).—Dies., 1850a, 388 (so. D. f.).—Lühe, 1904f (1905b), 176.
- ardeæ-purpureæ* Rud., 1819a, 78 (in *Ardea purpurea*; C. E. V.).—Dies., 1851a, 26 (so. *macrourus*).—Lühe, 1904f (1905b), 176, 249 (so. m.).—Marval, 1905a, 322 (so. *sphaeroc.*).—Westrumb, 1821a, 12 (so. m.).
- areolatus* Rud., 1819a, 69 (in *Motacilla atricapilla*; M. V.), 77, 319–320.—Blainv., 1828, 551.—Brems., 1824c, pl. 6 figs. 15–16.—Cond.-Franc., 1892, 229.—Dies., 1851a, 41 (in *Sylvia atricapilla*; M. C. V.).—Duj., 1845a, 513–514 (in *Cypselus apus*, *Emberiza ticutica*, *Hirundo rustica*, *Parus major*, S. a.; Wien, Brazil).—Fuhrm., 1908, v. 10 (1), 23.—Linst., 1878a, 86 (in S. a.).—Lühe, 1904f (1905b), 176 (in S. a.; W.), 235, 236; 1905a (1905b), 259, 267.—Marval, 1905a, 204, 209, 210, 211, 229–234 (s. *sigmoideus*, *orioli*, *inscriptus*) (in *Merula carbonaria*, *Oriolus galbula*, *Ostinops decumanus*, S. a., *Turdus albicollis*, *T. fumigatus*, *T. humilis*, *T. albiventer*, *T. olivaceus*, *T. swainsoni*), 303, 308, 329, 332, 354, pl. 1 figs. 5, 6, 16, 20, 21.—Olss., 1893a, 35.—Westrumb, 1821a, 28 (in *Mot. at.*).
- argentinæ* Gmel., 1790a, 3049 (in Argentina; Redi, 87).—Dies., 1850a, 569 (so. *Tetrarhynchus elongatus*).—Lühe, 1904f (1905b), 176–179 (s. *sphyrænæ* = *Tet. el.*, *Tet. argentinæ*) (in Arg. *sphyræna*).—Rud., 1809a, 314, 323 (so. *Tet. elongatus*).
- argentinæ* Rud., 1819a, 80 (s. *sphyrænæ*) (in Argentina *sphyræna*; Redi, 160, vers. 237).—Dies., 1851a, 58 (s. sph.).—Linst., 1878a, 251 (in *Scopelus humboldtii*).—Lühe, 1905b, 179 (s. sph., arg.).—Porta, 1905, 197 (s. sph.) (in S. h.).—Westrumb, 1821a, 42 (in A. s.).
- astaci-fluviatilis* Dies., 1851a, 7 (so. *Gregarina miliaria*), quotes Sieb., 1835a, 64.—Nev.-Lem., 1912a, 846.—Porta, 1905, 184 (so. *miliarius*).
- atherinæ* Rud., 1819a, 80–81, 336 (in *Atherina hepsetus*; Nap.).—Dies., 1851a, 49 (so. *acanthosoma*).—Lühe, 1904f (1905b), 162, 179.—Porta, 1905a, 184 (so. *miliarius*).—Westrumb, 1821a, 30, 42 (so. ac.).
- attenuatus* Müell., 1779a, 89, pl. 37 figs. 1–3 (cf. *lævis*) (in *Pleuronectes limanda*; [Europe]); 1788a, 45, pl. 37 figs. 1–3 (in P. l.).—Baird, 1853a, 63 (so. *proteus*).—Bosc, 1802a, 9.—Dies., 1851a, 52 (so. p.).—Fabr., 1794, 38.—Gmel., 1790a, 3048.—Leuck., 1876a, 800.—Lühe, 1905b, 162, 179–180 (cf. l.), 181, 237, 271, 273, 298.—Porta, 1905a, 193 (so. p.).—Rud., 1793, 20–21 (in P. *flesus*); 1802, 59–61 (s. *longicollis*, *salvelini*, *pleuronectis*, *annulatus*, *piscinus*, *Tænia longicollis*) (in *Acerina cernua*, *Cottus scorpius*, *Lota lota*, *Zoarces viviparus*; 1809a, 284–285 (so. *tereticollis*).—Schränk, 1788, 26.—Westrumb, 1821a, 37 (=p.).—Zed., 1803a, 155–156 (in *Blennius viviparus*, C. s., *Gadus lota*, *Muræna anguilla*, *Perca cernua*, *Pleuronectes flesus*, *Salmo trutta*).
- attenuatus* Lint., 1890a (1891a), 529, pl. 3 figs. 23–30 (in *Acipenser brevirostris*; Woods Hole); 1901b, 409, 435 (in A. b.).—Porta, 1905a, 176, figs. 26a–c (in A. b., *Gadus æglefinus*).

ECHINORHYNCHUS—Continued.

- aurantiacus* Mont., 1905e, 1-3, 1 fig. (misprint for *aurantiacus*) (in *Regalecus glesne*).
- aurantiacus* Risso, 1826a (b), 261 (dans l'intestin du vogmar d'Aristote: Alpes maritimes).—Dies., 1851a, 56 (in *Trachypterus falx*).—Linst., 1878a, 232 (in T. f.).—Mont., 1887, 26; 1900c, 36, 37; 1905e, 1-3, 1 fig. (s. *annulatus*, *pellucidus*) (of Mont. so. *rhytidodes*) (in *Regalecus glesne*, T. f., *Solea impar*; *Vogmarus aristotelis*; Gulf of Nap.). 1907, AN, v. 2 (3), 30-31.—Porta, 1904, 1 (8. ann.) (in *Conger vulg.*), 3 (s. *pell.*, ann.) (in *Mustelus lævis*); 1905, 167 (of Mont. so. *rhyt.*), 181-183, figs. 33, a-e (s. *pell.*, ann., *serrani*) (in *Aulopus filamentosus*, C. v., *Lepidopus caudatus*, *Merlucius vulg.*, *Mustelus lævis*, *Regalecus glesne*, *Ruvettus pretiosus*, *Serranus atrarius*, *Thynnus vulg.*, T. f.); 1906, 267.
- baillaris* Zed., 1803a, 759 (*mergi* renamed) (in *Mergus minutus*; Bloch, 1782a, 27, pl. 7 figs. 9-11).—Dies., 1851a, 32 (s. *capite et collo armato, mergi*) (in *M. albellus*; by Bloch).—Duj., 1845a, 525 (in *M. a.*, *M. m.*; by Bloch).—Linst., 1878a, 161 (in *M. a.*); 1901, 278.—Lühe, 1904f (1905b), 180 (*mergi* renamed); 1911a, 43.—Marotel, 1899, 302.—Marval, 1905a, 217, 219, 227, 228, 246 (so. *aluconis*).—Olfers, 1816, 51.—Rud., 1809a, 301-302 (s. *capite et collo armato, mergi*); 1819a, 67, 316, 593.—Westrumb, 1821a, 14-15.
- balæna* Gmel., 1790a, 3045 (in *Balæna* sp.; Phipps, 103, pl. 7 figs. 1A-C).—Blainv., 1828a, 551 (*balænæ*).—Bosc, 1802a, v. 2, 5.—Cat. RCSL., 1830, 44 (of Rud., 1809a, 304, so. *balanocephalus*).—Dies., 1851a, 53 (so. *porrigens*).—Lühe, 1905b, 180-181, 243, 284.—Rud., 1809a, 304 (cf. *Sipunculus lendix*), 306; 1814, 97-98; 1819a, 71 (so. po.).—Walter, 1805, 161.—Westrumb, 1821a, 28 (so. po.).—Zed., 1803a, 161.
- balanocephalus* Cat. RCSL, 1830, 44-45 (in *Balæna rostrata*; Hunterian Mus.).—Cobbold, 1866b, 13 (in *Balænoptera rostrata*; H. M.); 1879b, 427.—Porta, 1908, AdP, 4, 274 (so. *Bolbosoma turbinella*).
- balænæ* Bainv., 1819, 208-209; 1828a, 551 (for *balænæ*).
- barbi* Schrank, 1782a, 83-85 pl. 3 figs. D-H (in *Barbe*; by Schrank); 1788a, 25-26 (in *Barben*); 1803b, 217-218 (in den *Gedärmen der Barbe*).—Baird, 1853a, 64 (so. *proteus*).—Bennet & Olivier, 1826a, 34.—Bosc, 1802a, v. 2, 11.—Dies., 1851a, 51 (so. p.).—Gmel., 1790a, 3049.—Lühe, 1905b, 181, 237, 273, 313 (cf. *lævis*).—Rud., 1809a, 290, 314-315 (in *Cyprinus barbatus*); 1819a, 72 (so. *nodulosus*).—Westrumb, 1821a, 37 (=p.).—Zed., 1803a, 155 (so. *attenuatus*).
- bifasciatus* Lühe, 1904f (1905b), 175 (*annulatus* Mol., 1861, 267-268, pl. 8 figs. 8-9, in *Merluccius merluccius*, renamed); 1905a (1905b), 338.—Porta, 1908, 273 (so. *Bolbosoma aurantiacus*).
- bipennis* Kaiser, 1893b, 81, 82, 84, 120, 126, 127, 130, 131, pl. 9 fig. 51, pl. 10 fig. 10 (in *Thymallus*; Argentina).
- blennii* Rud., 1810a, 351, 376 (in *Blennius viviparus*)•(so. *affinis*).—Lühe, 1904f (1905b), 182 (in *Zoarces viviparus*; by Rud.); 1905a (1905b), 271.
- borealis* Gmel., 1790a, 3045 (*Sipunculus lendix* Phipps, 1774a, renamed) (in *Anas mollissima*).—Bosc, 1802a, v. 2, 6.—Cat., RCSL., 1830, 45 (so. *filicollis*).—Dies., 1851a, 49 (so. *polymorphus*).—Lühe, 1904f (1905b), 182 (S. l. in *Eiderganz* renamed), 243; 1905a (1905b), 289 (cf. f.).—Marval, 1905a, 263, 264 (so. f.).—Rail., 1893, 570 (=f.).—Rathke, 1799, 71-72.—Rud., 1809a, 304-305 (so. *anatis-mollissimæ*).—Westrumb, 1821a, 33 (=p.).—Zed., 1803a, 161 (in *A. m.*).
- borealis* Linst., 1901e, 279-280, figs. 15-17 (in *Lota lota*; N. Dwina).—Lühe, 1905b, 338; 1911, 60, figs. 85-87 (in *L. l.*).—Porta, 1905, 176-177, figs. 30a-b (in *L. l.*).—Zsch., 1903, 132, 133.
- boschadis* Bosc, 1802a, v. 2, 6 (for *boschadis* Gmel.).—Lühe, 1904f (1905b), 182 (=boschadis Gmel.=*anatis* Schrank), 210 (=E. sp. Gœze, 1782a, pl. 13 figs. 6-7).
- boschadis* Gmel., 1790a, 3045 [not Schrank, 1803, 216] (in *Anas dom.*; Gœze, 1782a, 163, pl. 13 figs. 6-7).—Bennet & Olivier, 1826a, 31.—Dies., 1851a, 49 (so. *polymorphus*).—Lühe, 1905b, 182 (see *anatis* Schrank), 210 (s. *Ech. sp.*, *boschadis*).—Marval, 1905a, 234, 235 (so. *anatis*), 265.—Nordm., 1840, 644 (so. *constrictus*).—Rud., 1809a, 296 (=const.).—Westrumb, 1821a, 33 (so. p.).
- boschadis* Schrank, 1788a, 27 [not Gmel., 1790] (in *Wildenten*; Gœze, 1782a, 164-165, pl. 13 figs. 1-2); 1803, 216 (in *Oidemia fusca*).—Baird, 1853a, 62 (=polymorphus Jassoy).—Lühe, 1905b, 171 (so. *anatis* Gmel. nec Schr. =*minutus*),

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boschadis—continued.

182 (in O. f.; Goeze, 1782a, 164–165, pl. 13 figs. 1–2), 281.—Rail., 1893, 569 (=p. pars).—Rud., 1809a, 295 (so. m.).—Westrumb, 1821a, 33 (so. p.).

boschatis Frœl., 1802a, 66–67 (for *boschadis* Schrank) (in Wildente; Goeze, 1782a, 164, pl. 13 figs. 1–2).—Lühe, 1904f (1905b), 172, 182–183 (cf. *boschadis*, *anatis*, *versicolor*, etc.), 210.—Olfers, 1816, 51.—Rud., 1819a, 330 (so. vers.).

bramæ Gmel., 1790a, 3050 (in *bramæ* [Abramis brama] intestinis; Goeze, 1782a, 163).—Baird, 1853a, 64 (so. proteus).—Bennet & Olivier, 1826a, 34.—Dies., 1851a, 57 (so. p.).—Lühe, 1904f (1905b), 183–184, 182, 237; 1905a (1905b), 313 (cf. *lævis*).—Rud., 1809a, 290, 317; 1819a, 72 (so. nodulosus).—Westrumb, 1821a, 38 (so. p.).—Zed., 1803a, 163 (in *Cyprinus brama*).

[*brevicollis* Rud., 1809a, 269 (in *Perca cernua*; by Müell.). Apparently not as specific name.]

brevicollis Malm, 1867, 95 [nv.] (in *Balænoptera sibbaldii*).—Ben., 1870, 357.—Bergström, 1892a (1895), 1–60, figs. 1–54.—Cobbold, 1879b, 428 (in B. s.; Sweden).—Hamilton, 1915, 141 (in B. s., *Physeter macrocephalus*).—Jägers., 1891a, 131, 132.—Kaiser, 1893a, 37; 1893b, 27.—Linst., 1878a, 61 (in B. s.); 1901a, 278.—Lühe, 1905a (b), 283, 338, 340 (cf. *porrigens*).—Mont., 1887, 19.—Porta, 1906, 235, 244, 245, 247, 260, 262, 267 (in B. s.), 268, 269; 1908, 4.—Scharff, 1913, 147.—Shipley, 1899, 262, 263, 264, 265, 267, fig. 3; 1900, 208.

brumpti Blanc & Cauchemez, 1911, CrSB, v. 71, 120, 1 fig. (*Erinaceus europæus*; by Brumpt).

bufonis Shipley, 1903l, 150–151, 156, pl. 16 figs. 1–2, 4 (in *Bufo melanostictus*, B.? *penangensis*; Siam).—Porta, 1908, 225, 227, pl. 9 figs. 3–4 (in B. m., B. p.); 1911, 377 (in B. m.).

bullosus Linst., 1892h (i), 69 (11), pl. 3 figs. 36–38 (in *Cystophora proboscidea*; Süd-Georgien).—Lühe, 1905b, 231, 338 (so. *Corynosoma strumosum*).

buteonis Schrank, 1788a, 23 (in Busshart, Kybitz; Goeze, 1782a, 154–155, pl. 12 figs. 1, 2a) (in *Buteo buteo*).—Bennet & Olivier, 1826a, 30 (in *Falco buteo*).—Bosc, 1802a, 5.—Cond.-Franc., 1893, 79, 80.—Dies., 1851a, 31 (so. *caudatus*).—Frœl., 1802, 63–64.—Fuhm., 1908, v. 10 (1), 22, 23 (so. *tumidulus*).—Lühe, 1904f (1905b), 152, 154, 163, 168, 184–186 (cf. c.), 218, 221 (of Marval, cf. *acanthothrias*, *tenuicaudatus*), 226, 232; 1905a(b), 322, 324, 343; 1911a, 41, 42.—Marval, 1905a, 204, 205, 206, 207, 208, 210, 213, 214, 226, 240–249 (s. c., *polycanthus*, *tum.*, *ten.*, *ac.*) (in *Accipiter cyrocephalus*, *A. nisus*, *Aquila nevia*, *A. sp.*, *Asturina nitida*, *Asio otus*, *Astur palumbarius*, *Buteo albicaudatus*, *Buteo vulg.*, *Cerchneis tinnunculus*, *Circus æruginosus*, *C. cineraceus*, *Circæus gallicus*, *Coccyzus melanocoryphus*, *Crotophaga ani*, *C. major*, *Cuculus canorus*, *Elamys cœruleus*, *Elanus furcatus*, *Eudocimus ruber*, *Eudromias morinellus*, *Falco æsalon*, *Geranospiza cœrulescens*, *Guira guira*, *Haliaetus albicilla*, *Harpagus bidentatus*, *Herpetotheres cachinnans*, *Heterospizias meridionalis*, *Hypotriorchis femoralis*, *Ibis æthiopica*, *Leptodon cayennensis*, *Leucopternis albicollis*, *Milvus icinus*, *M. migrans*, *M. regalis*, *Milvago chimachima*, *Morphnus urubutinga*, *Nizæus pennatus*, *Polyborus brasiliensis*, *Rupornis magnirostris*, *Scops atricapilla*, *Spizaetus coronatus*, *Syrnium nebulosum*, *Tinnunculus alaudarius*, *T. cinnamomeus*, *T. sparverius*, *Turacus buffoni*, *Upupa epops*), 298, 362, pl. 1 figs. 7–10, 17, 22, 23.—Rud., 1809a, 274 (so. c.).—Westrumb, 1821a, 22 (so. c.).

callariæ Brug., 1791a, 109, pl. 37 figs. 15–17 (in *Gadi callariæ* intest.).

campanulatus Dies., 1851a, 21–22 (s. *pardalis*) (in *Felis concolor*, *F. melivora*, *F. onca*, *F. pardalis*, *F. tigrina*; Brazil); 1861a, 741.—Cobbold, 1879, 309.—von Ihering, 1902a, 45 (in *F. sp.*).—Linst., 1878a, 31 (in *F. c.*); 1902, 229, figs. 24–26 (in *F. o.*).—Lühe, 1905b, 269, 338 (cf. *pardalis*).—Lutz, 1893a, 128 (in *Wanderratte*; Hawaii) [in reprint camp. is deleted and moniliformis inserted with pen].—Porta, 1908, 269 (so. p.).—Shipley, 1900, 441.—Also reported for *Felis mitis*.

campbelli Leiper & Atkinson, 1914, PZSL, 223 (in *Trematomus bernacchii*); 1915, BAE, 31–32, pl. 2 fig. 13 (in T. b.).

campylurus Marval, 1905a, 205 (for *campylurus*).

campylurus Nitzsch in Giebel, 1857a, 268 (in intest. *Lestris catarrhacta*; Germany).—Linst., 1878a, 165 (in L. c.).—Lühe, 1911a, 53–55, figs. 72–73 (in *Stercorarius skua*).—Marval, 1905a, 205 (*campylurus*), 216, 360.—Mont., 1915, v. 7, 112–128, 1 pl.

ECHINORHYNCHUS—Continued.

- candidus* [Zæga in] Müell., 1776a, 214 (Echinorhynchus): 1779a, 92-95, pl. 37 figs. 7-9 (in *Perca cernua*, also in *Cyprinus idbarus*, *Gadus barbatus*, *G. callarias*, *G. merlangus*, *Lophius piscatorius*): 1784a, 107; 1788a, 46-48 (in *P. c.*, also in *G. b.*, *G. m.*, *G. c.*, *L. p.*).—Baird, 1853a, 64 (so. *proteus*).—Bennet & Olivier, 1826a, 33-34 (in *G. æglefinus*, *G. b.*, *G. mer.*, *G. molvæ*, *L. p.*).—Bosc, 1802a, 8.—Crep., 1844a, 130.—Dies., 1851a, 40 (so. *acus*), 51 (so. *p.*).—Fabr., 1799a, 150 (cf. *gadi-virentis*).—Frøel., 1802a, 73-74 (s. *percæ*) (in *P. fluv.*).—Gæze, 1782a, 156.—Herbst, 1787a, 42.—Kaiser, 1893b, 70, 116.—Lühe, 1905b, 186-187 (cf. *lucii*), 188 (cf. *cernuæ*, *candidus*, *lophii*), 212 (cf. *gadi*), 232, 233 (cf. *idbari*), 237, 271 (cf. *lævis*, *cer.*, *l.*).—Porta, 1905a, 171 (s. *acus*), 193 (so. *p.*).—Rud., 1809a, 266 (so. *angustatus*), 267, 278 (of Müell. so. *acus*), 316 (of Müell. so. *idbari*), 318 (of Müell. so. *lophii*).—Schränk, 1803, 220.—Stiles & Hass., 1905b, 103.—Westrumb, 1821a, 24 (so. *acus*), 26 (so. *ang.*), 38 (so. *p.*).
- canis* Kaupp, 1909, v. 35 (2), 154-155, figs. 1-3 (in dog: Texas).—Parker, 1909, v. 35 (6), 702-704, 6 figs. (in dog, ?coyote; San Antonio).—Hut. & Mar., 1913b, v. 2, 518.
- canis* n. sp. Porta, 1914, ZA, 484-485, (in *Canis* fam.; Gand). (Cf. *belgicus*).
- capitatus* Linst., 1880a, 49-50, pl. 3 fig. 16 (in *Pseudorca crassidens*; Ing.); 1889a, 26 (in *P. c.*).—Hamilton, 1915, 141 (in *Physeter macrocephalus*).—Par., 1893, No. 19, 644.—Porta, 1906a, 235-271, figs. 1-63 (in *Globicephalus siveval*, *P. c.*); 1906b, 444.—Shipley, 1899, 265, 266, 267-268, 269, fig. 5.—Stiles & Hass., 1894e, 352 (in *G. s.*); 1899, 102.—Wehrmann, 1909a, 211.
- capite et collo armato* Bloch, 1782a, 27-28, pl. 7 figs. 9-11 (in dem Darmkanal des kleinsten Tauchers; by Bloch: also in Hecht and in most species of fishes).—Dies., 1851a, 32 (so. *bacillaris*).—Herbst, 1787a, 42 (Echinorhynchus).—Rud., 1809a, 301 (so. *b.*).
- capræ* Braun in Rud., 1809a, 447, 449 (so. *Polyst. denticulatum*) (see *Linguatula rhinaria*).—Anacker, 1890m, 506.—R. Bl., 1886, 264.—Dies., 1850a, 614, 615 (so. *P. d.*).—Lühe, 1905b, 187.
- carassii* Rud., 1809a, 317 (in *Cyprinus carassius*; by Braun); 1819a, 81 (Cat. Wien).—Lühe, 1904f (1905b), 187-188 (in *Carassius carassius*) (so. *rutili* Müell., nec Zed.).
- carchariæ* Lint., 1891a, 536-537, figs. 81-84 (in *Carcharias littoralis*; Woods Hole); 1901b, 409, 428, 490 (in C. I.; W. H.).—Porta, 1905, 200 (in C. I.).
- carpionis* Gmel., 1790a, 3050 (in *Cyprinus carpio*; based on *Acanthoc. Kœlreuter*, 1771, 499-500).—Baird, 1853a, 65 (so. *clavæceps*).—Bosc, 1802a, 11.—Lühe, 1905b, 188 (=anguillæ, globulosus, *Acanthoc. sp.*) (cf. *rutili*).—Olfers, 1816, 50.—Rud., 1809a, 315 (so. *cyprini-rutili*); 1819a, 65 (so. *cl.*).—Westrumb, 1821a, 6 (so. *cl.*).—Zed., 1803a, 163.
- carruccioi* Cond.-Franc., 1897a, 4, 6, 9-11, figs. 2-11 (in *Dendrocopus major*; Prov. Roma, Italy).—Lühe, 1905b, 254, 338 (cf. *micracanthus*).—Marval, 1905a, 300, 301, 303, 304 (so. *m.*).
- caudatus* Zed., 1803a, 153 (*buteonis* Schränk renamed) (in *Flaco buteo*; Ing., Gæze, 1782a, 154, pl. 12 figs. 1-2).—Cond.-Franc., 1892, 225; 1893, 79-80.—Dies., 1851a, 30-31 (s. *b.*, *polyacanthus*) (in *F. albicollis*, *F. ater*, *F. bidentatus*, *F. brasiliensis*, *F. b.*, *F. cayennensis*, *F. cachinans*, *F. degener*, *F. femoralis*, *F. gallicus*, *F. gracilis*, *F. magnirostris*, *F. melanops*, *F. milvus*, *F. pennatus*, *F. pterocles*, *F. rutilans*, *F. striatus*, *F. urubutinga*; *M. C. V.*).—Duj., 1845a, 505-506.—Fuhrm., 1908, v. 10 (1), 22, 23 (in *Accipiter Polyborus*).—von Ihering, 1902a, 46, 47 (in *Accip. sp.*, *p. sp.*).—Leidy, 1887, 22.—Lepri, 1898, 53, 54.—Linst., 1878a, 109 (in *Circus rufus*).—Lühe, 1904f (1905b), 152, 154, 167, 168, 185, 188 (*buteonis* renamed), 218, 226, 238; 1905a (b) 322.—Marval, 1905a, 226, 240, 241, 242, 244, 245, 246 (so. *buteonis*).—Mehl., 1831, 170.—Müell., 1904a, 121.—Olfers, 1816, 50.—Rud., 1809a, 274-275 (so. *but.*), 308; 1814a, 96; 1819a, 70, 76, 323, 667 (in *F. b.*, *F. cineraceus*, *F. cyaneus*, *F. lagopus*, *F. milvus*, *F. nævius*, *F. pennatus*, *F. rufus*, *F. tinnunculus*; *C. E. V.*).—Stoss., 1892, 67; 1895, 38-39; 1896, 136; 1898, 134-135.—Stiles & Hass., 1894e, 352 (in *Strix nebulosa*).—Van Cleave, 1916, 222 (of Leidy, in *Elanoides forficatus*).—Volz, 1900, 148.—Westrumb, 1821a, 22-23, 48, 51, 52, 54, 55, 56, 63, 68-69, pl. 1 fig. 5, pl. 3 figs. 1-3 (in *F. b.*, *F. c.*, *F. cy.*, *F. l.*, *F. m.*, *F. n.*, *F. p.*, *F. r.*, *F. t.*).—Wolfh., 1900, 10, 11, 14.—Also reported for *Aquila pennata*, *Buteo vulg.*, *Carine noctua*, *Cerchneis tinnunculus*, *Circaetus gallicus*).

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- caudatus* of Brems., 1824a, 131 (dans les faucons); 1824c, pl. 6 figs. 17-20.—Dies., 1851a, 30 (so. globocaudatus).—Marval, 1905a, 218, 219, 226 (so. aluconis).
- caudatus* of Westrumb, 1821a, 22 pars.—Dies., 1851a, 30 (so. tumidulus) (in *Crotophaga ani*, *C. major*, *Cuculus melacoryphus*).
- centropi* Porta, 1910, v. 35 (22), 699-700, figs. 1a-c (in intest. *Centropus senegalensis*; Guinea Port.).—Connal, 1912, 236-237, figs. 1, m, n (in *C. s.*; Lagos).
- cernuæ* Gmel., 1790a, 3048 (in *Perca cernua*; by Zoega, see *candidus* Müell.).—Bosc, 1802a, 9.—Lühe, 1905b, 187, 188-189 (not Rud., Westr., Dies.), 212, 270, 271 (cf. *cand.*).—Rud., 1809a, 270 (sub *affinis*).
- cestodicola* Linst., 1903u (1904a), 278 (14), figs. 11-14 (in *Sebastes norvegicus*; Murman Coast).—Porta, 1905, 165-166, figs. 14 a & b (in *S. n.*).
- cestodiformis* Linst., 1904m, 380-381, figs. 3-4 (in *Erinaceus albiventris*; Nigeria, W. Africa); 1908, 28 (in *Er. frontalis*; Africa).
- charadrii-pluvialis* Rud., 1819a, 78 (in *Charadrius pluvialis*; C. E. V.).—Dies., 1851a, 23 (so. *macracanthus*).—Lühe, 1904f (1905b), 189-190, 239 (so. *m.*).—Marval, 1905a, 337, 339, 346 (so. *Gigantor. compressus*).
- chierchiæ* Mont., 1889d, 69, 70 (3, 4) (in Teleostean; Toboga, Gulf of Panama).—Porta, 1904, 1-2, figs. 1-3 (in T.; T., G. of P.); 1905a, 169, figs. 10 a-g (in "Pescce teleosteo").
- cinctulus* Porta, 1905a, 161, 203, figs. 4 a-c (in *Lucioperca volgensis*, *Silurus glanis*; Volga).—Lühe, 1911a, 10, 59, fig. 80-81 (in L. v., S. g.).
- cinctus* Rud., 1819a, 66-67, 314-316 (in Coluber atrovirens, *Vipera redii*; Rimini; Berl.).—Blainv., 1828, 551.—Brems., 1824c, 130, pl. 4 figs. 7-8.—Crep., 1839, 284.—Dies., 1851a, 26 (in *Hierophis viridiflavus*, V. r.; M. C. V.).—Duj., 1845a, 526.—Linst., 1878a, 183 (in V. r.).—Lühe, 1905b, 170, 189-190.—Shipley, 1903l, 149 (in snakes).—Westrumb, 1821a, 13-14.—Also reported for *Zamenis viridiflavus*.
- circumflexus* Mol., 1858d, 142 (in *Talpa europea*; Padua); 1861c, 262-263, 300 (in T. e.; P.).—Dies., 1859e, 745.—Galli-Val., 1901c, 358 (in T. e.).—Linst., 1878a, 18 (in T. e.).
- citilli* Rud., 1819a, 76 (in *Arctomys citillus*; C. E. V.).—Dies., 1851a, 22 (so. *napæiformis*).—Lühe, 1904f (1905b), 190 (so. *kerkoideus*) (in *Spermophilus citillus*; Wien).—Westrumb, 1821a, 8 (renamed *kerkoideus*).
- clavæceps* Zed., 1800a, 130-131 (in dem Schmerl; by Zed.); 1803a, 155 (in *Cyprinus barbus*, *Cobitis barbatula*).—Baird, 1853a, 65 (s. *cobitidis-barbatulæ*, *cobitidis*, *cobitinus*, *claviceps*, *carpinis*, *rutili*, *cyprini-rutili*, *Acanthoc.*) (in *Perca fluvi.*).—Bennet & Olivier, 1826a, 36-37 (in *Cob. b.*, *C. tænia*, *Cyp. alburnus*, *C. tinca*, *C. rutilus*).—Cobbold, 1879, 477.—Dies., 1851a, 25 (s. *cob.-barb.*, *rut.*, *cobitinus*, *Acanthoc.*).—Duj., 1845a, 537 (in *Gasterosteus lævis*; Rennes).—Hofer, 1904a, 234 (larva in *Sialis lutaria*), 235 (in *Abramis brama*, *Alburnus lucidus*, *Barbus fluvi.*, *Carassius vulg.*, *Chondrost. nasus*, *Cob. barb.*, *C. tænia*, *Cyprinus carpio*, *Gobio fluvi.*, *Leuciscus rutilus*, L. vulg., P. i., *Salmo hucho*, *Scardinius erythrophth.*, *Tinca vulg.*, *Trutta fario*).—Jääskeläinen, 1911, 34, 219.—Kaiser, 1893a, 33, 41, 89, 107, 118, 121; 1893b, 5, 27, 41, 42, 48, 78, 92, 104, 118, 134, 135, 146, 147.—Kroy., 1838-40a, 616; 1846-53a, 333 (*claviceps*), 349, 367, 387, 434, 446, 499, 537, 552, 573; 1852-53a, 1222 (in A. b., *Aspius alburnus*, B. fluvi., *Botia tænia*, C. vulg., *Cob. bar.*, G. fluvi., *Leuciscus erythrophth.*, L. r., *Phoxinus aphya*, *Salmo fario*, *Tinca vulg.*).—Lam., 1816, 199.—Lespès, 1864b, 683.—Levander, 1906 (1904-1905), v. 30, 66-67.—Linst., 1878a, 251 (in *Cyp. carp.*); 1889a, 89 (in C. c.); 1908, 3, pl. 1 figs. 1-4 (larva in *Sialis niger*; in *Schizothorax pseudo-aksaiensis* issykkuli, *Squalius schmidtii*).—Lühe, 1905b, 164, 190-191, 192, 270, 295, 343 (*cobitinus* renamed, cf. *rut.*, Neor.).—Marval, 1905a, 198.—Mont., 1887, 24; 1893, 164, 166.—Müch., 1898, 54, 112.—Nordm., 1840, 642-643 (s. *cob.-barb.*, *cobitidis*).—Oliere, 1816, 50.—Olss., 1893a, 32-33, 37 (in *Leuciscus phoxinus*, S. trutta).—Porta, 1905, 156-157, figs. 1 a-c (s. *cob.*, *barb.*, *cobitinus*, *carp.*, *rut.*, *tuberosus*, *agilis*, *Acanthoc.*) (in Ab. br., Alb. luc., *Anguilla vulg.*, *Barbus fluvi.*, *Belone acus*, *Carassius auratus*, C. vulg., *Carcharias obscurus*, *Catostomus ardens*, *Chondrost. nasus*, *Cob. barb.*, C. tænia, *Cyprinus carpio*, *Esox lucius*, *Gasterosteus aculeatus*, G. pungitius, *Gob. fluvi.*, *Leuciscus atrarius*, L. cavedanus, L. rut., *Lota vulg.*, P. fluvi., *Phoxinus lævis*, *Rhombus maximus*, *Roccus americanus*, S. hucho, Sc. eryth. *Squalius leuciscus*, *Tinca vulg.*, Tr. f.), 158, 164, 202; 1906, 262; 1908, 226 (so. Neor. *rutili*).—Rollst., 1888a, 689, 690, 691.—Rud., 1809a,

ECHINORHYNCHUS—Continued.

clavæceps—continued.

258–259 (s. cobitidis, cob.-barb., cobitinus) (in Cob. barb., Cyprinus barbus); 1819a, 65 (in Cob. barb., C. t., Cypr. alburnus, auratus, barb., brama, carpio, erythrophth., gobio, nasus, phoxinus, rut., tinca, Salmo hucho).—Verrill, 1870, 167.—Villot, 1884c, 52–58; 1885a, 19–22.—Westrumb, 1821a, 6, 60.—Zsch., 1884, 6, 11, 63 (in L. r.); 1896, 774, 775, 776, 780, 784, 818, 820, 821, 823, 824 (in Ch. n., S. s., T. f.); 1903, 132, 133, 134.

clavaesceps Rud., 1809a, 258 (for *clavæceps*).

clavata Krøyer., 1838–40a, 603 [cf. E. *clavula* Duj. ?], 616 (*clavatus*) (in *Gobius niger*, *Salmo fario*).

claviceps Rud., 1819a, 800 (for *clavæceps*).—Baird, 1853.—Leuck., 1876a, 739, 755, 801, 802, 804, 819.—Lühe, 1904f (1905b), 190, 191–192.—Olss., 1876a, 147.—Also reported for *Cyprinus auratus*, *C. brama*, *C. carpio*, *C. erythrophth.*, *C. nasus*, *C. phoxinus*, *C. rutilus*, *C. tinca*, *C. alburnus*, *Cobitis tænia*, *Perca fluviatilis*, *Rana escul.*, *Salmo fario*.

clavula Duj., 1845a, 532 (in *Cyprinus brama*, ? *Gobius niger*, *Lepadogaster gouani*, ? *Salmo fario*; Rennes).—Cobbold, 1879, 477.—Dies., 1851a, 44 (in G. n., L. g., S. f.; R.).—Fiebiger, 1912, 307.—Hofer, 1904a, 234, 235 (in *Thymallus vulg.*, *Trutta fario*).—Kaiser, 1893b, 3.—Krøyer., 1846–53a, 387 (in *Abramis brama*).—Linst., 1878a, 228 (in G. n.); 1895c, 145–158, figs. 1–19 (anat.).—Lühe, 1905b, 319, 338; 1911a, 21, 24, 25, 60, figs. 27–28 (in *Anguilla anguilla*, *Abramis brama*, *Cyprinus carpio*, *Esox lucius*, *Lotta lota*, *Perca fluvi.*, *Pleuronectes flesus*, *Salmo fario*; Europe).—Porta, 1905, 175, 177–178 (in *Anguilla vulg.*, G. n., Lep. g., T. f.); 1906, 240, 242, 244, 245, 246, 260, 264.—Schneid., 1903, 6, 27–29 (in A. v., *Cottus gobio*, *C. bubalis*, *Gadus morrhua*, *Perca fluvi.*, Pl. flesus).—Shipley, 1896, 183; 1900, 439.

clavula Duj. of Hamann [nec Duj.], 1891a, *98–99 (in *Salmo fario*; by Hamann).—Linst., 1895c, 145–157, figs. 1–19 (in *Thymallus vulg.*, *Trutta fario*; Ilmenau and Nethe).—See Lühe, 1905b, 319 (in *Thymallus thymallus*, S. f.), 338.

cobitides Bennet & Olivier, 1826a, 36 (for *cobitidis*).

cobitidis Gmel., 1790a, 3048 (in *Cobitis barbatula*; Gœze, 1782a, 158, pl. 12 figs. 7–9).—Bosc, 1802a, 9.—Lühe, 1905b, 192 (s. *cobitinus*) (cf. *rutili*).—Nordm., 1840, 643 (so. *claviceps*).—Olfers, 1816a, 50.—Porta, 1905, 156 (so. cl.).—Rud., 1809a, 258 (so. cl.).

cobitidis-barbatulæ Rud., 1809a, 258 (based on Gœze, 1782a, 158, pl. 12 figs. 7–9) (so. *clavæceps*).—Baird, 1853a, 65 (so. cl.).—Dies., 1851a, 25 (so. cl.).—Nordm., 1840, 643 (so. cl.).—Porta, 1905, 156 (so. cl.).—Westrumb, 1821a, 6 (=cl.).

cobitidis-barbulæ Dies., 1851a, 25 (for c.-barbatulæ).

cobitinus Schrank, 1788a, 24–25 (in den Schmerlen; Gœze, 1782a, 158, pl. 2 figs. 7–9).—Dies., 1851a, 25 (so. *clavæceps*).—Lühe, 1904f (1905b), 191, 192 (=cobitidis).—Rud., 1809a, 258 (so. cl.).—Westrumb, 1821a, 6 (=cl.).

collaris Schrank, 1790a, 124 (in *Fulica fuliginosa*; Schrank); 1792a, 117; 1803, 216–217.—Dies., 1851a, 50 (so. polymorphus).—Jassay, 1820a, 22–24 (in *Anas fuliginosa*).—Lühe, 1905b, 192–193, 210, 281, 326.—Marval, 1905a, 234, 236 (so. anatis Gœze), 265.—Olfers, 1816a, 51.—Rail., 1893, 569 (=p.).—Rud., 1809a, 298–299 (in F. f.); 1819a, 74 (so. versicolor).—Westrumb, 1821a, 33 (so. p.).—Zed., 1803a, 159 (in F. f.).

collurionis Rud., 1819a, 76 (in *Lanius collurio*; C. E. V.).—Dies., 1851a, 37 (so. contortus).—Lühe, 1904f (1905b), 193, 195 (so. cont.).—Marval, 1905a, 260, 261 (so. cont.).—Westrumb, 1821a, 25 (=cont.).

compressus Rud., 1802a, 48–49 (in *Corvus monedula*; by Rud.); 1809a, 253, 255–257 (in C. m.); 1819a, 64 (in C. m.; Greifsw.).—Dies., 1851a, 23 (s. cornicis) (in C. m., C. cornix; M. C. V.).—Duj., 1845a, 514–515 (in C. m., C. c.; G.).—Fuhrm., 1908, v. 10 (1), 23 (s. lagenæformis).—Linst., 1878a, 99 (in C. c.).—Lühe, 1905b, 193–194, 196, 239, 249, 293.—Marval, 1905a, 198, 337, 339, 344, 345, 346, 347 (to *Gigantor.*).—Olfers, 1816a, 50.—Westrumb, 1821a, 6–7, 64, pl. 3 fig. 28.—Zed., 1803a, 150.—Also reported for *Corvus glandarius*.

conicus Zed., 1803a, 159–160 (*quadrirostris* renamed) (in *Salmo salar*).—Braun, 1900a, 1727.—Dies., 1850a, 576 (so. *Stenob. appendiculatum*).—Lühe, 1905b, 194, 289 (cf. quad., *Tentacularia coryphænae*).—Rud., 1809a, 319 (so. *Tetrar. appendiculatus*).—Vaull., 1899, 62.

ECHINORHYNCHUS—Continued.

constrictor Olfers, 1816a, 51 (for *constrictus*).

constrictus Zed., 1800a, 139–140 (s. *anatis* Schrank) (in *Anas* dom., *Fulica fusca*; Goeze); 1803a, 158 (in A. d., F. f.).—Baird, 1853a, 62 (so. *polymorphus*).—Dies., 1851a, 50 (so. p.).—Jassoy, 1820a, 21–22 (in A. *boschas* dom., A. *anser*, F. f.).—Lam., 1816, v. 3, 200, 644.—Lühe, 1905b, 171, 194–195, 210, 276, 326 (cf. *filiocolis* an. Schrank nec Gmel.).—Marval, 1905a, 234, 236 (so. an. Goeze), 265.—Nordm., 1840, 644 (s. an.-*boschadis*-dom., *boschadis*, *versicolor*).—Risso, 1826, 261.—Rud., 1809a, 296–298 (s. an.-b.-dom., b. an. Schrank, *vesiculosus*) (in A. *anser*, A. b. dom., F. f.); 1819a, 74 (so. v.).—Westrumb, 1821a, 33 (so. p.).

constrictus Nitzsch in Gieb., 1857a, 268 (in intest. *Anas fuligula*: [Germany]).

contortus Brems. in Westrumb, 1821a, 25–26 (not Mol., 1861, 266) (s. *collurionis* 1819) (in *Lanius collurio*: [Wien]).—Dies., 1851a, 37 (s. coll.) (in L. c.; M. C. V.).—Duj., 1845a, 509 (in L. c.; Mus. Wien).—Linst., 1878a, 94 (in L. c.).—Lühe, 1904f (1905b), 193, 195–196 (s. coll.).—Marval, 1905a, 204, 211, 260–263, pl. 1 figs. 26–28 (s. coll.) (in L. c.).

contortus Mol., 1858 (1859e), 294–295 (in *Strix flammea*: Padua); 1861c, 266, pl. 8 fig. 6 (in S. f.; P.).—Dies., 1861a, 744.—Linst., 1878a, 106 (in S. f.).—Lühe, 1905b, 169, 195, 338.—Marval, 1905a, 217, 219, 223, 224 (so. *aluconis*).

coracia Rud., 1819a, 77 (in *Coracias garrula*; C. E. V.).—[Brems., 1811a, 26.]—Dies., 1851a, 24 (so. *ricinoides*).—Lühe, 1904f. (1905b), 196, 240; 1905a (b) 293.—Marval, 1905a, 337, 339, 347 (so. *Gigantor. compressus*).—Westrumb, 1821a, 7 (renamed *ricinoides*).

cornicis Rud., 1819a, 76 (in *Corvus cornix*; C. E. V.).—Dies., 1851a, 23 (so. *compressus*).—Lühe, 1905b, 196, 239 (in C. c.; Wien).—Marval, 1905a, 337, 339, 344 (so. *Gigantor. compressus*).—Westrumb, 1821a, 6 (so. *comp.*).

corrugatus Sars, 1885a, 221–222, pl. 38 figs. 15–18 (in *Euphausia pellucida*; by Sars).—Linst., 1888, 17; 1889a, 113 (in E. p.).—Mont., 1887, 23; 1900c, 37; 1905, 1, 2 (in E. p., *Solea impar*).—Porta, 1905, 167 (so. *rhytidotes*), 172.

coryphæna Rud., 1809a, 320 (in *Coryphæna hippuris*; by Bosc) (so. *Tetrar. papillosus*).—Dies., 1850a, 575 (so. *Stenob. macrob.*).—Lühe, 1905b, 196, 226 (s. *hippuris*).

crassicolis Villot, 1875, 472, pl. 13 figs. 9–10 (in *Calidris arenaria*: Brittany).—Linst., 1878a, 129; 1889a, 49 (in C. a.).—Lühe, 1905b, 234, 338, 339 (cf. *inflatus* Crep. nec Rud.).—Marval, 1905a, 286, 289, 290 (so. *inf. Crep.*).—Par., 1887, 366–367, pl. 7 fig. 56.

croaticus Stoss., 1890g (h), 131 (3), pl. 4 fig. 4 (in *Syrnium uralense*: Bedekovcina Croazia).—Lühe, 1905b, 339 (cf. *globocaudatus*); 1911a, 41.—Marotel, 1899 302.—Marval, 1905a, 218, 219, 228, 229, 246 (so. *aluconis*).

crotali (Blainv., 1828) Nordm., 1840a, 645 (to *Porocephalus*) (in *Crotalus durissus*: America, Humboldt, 1808a, 162.).—Cast. & Chalm., 1913a, 623.—Dies., 1850a, 612 (so. *Pentast. proboscideum*).—Leidy, 1852, 97 (=P. p.).

cuniculi Dies., 1851a, 54 (in *Lepus cuniculus*: Ireland, Bellingh., 1844a, 260).—Gedælst, 1911a, 136 (in rabbit; I.).—Linst., 1878 a, 28 (in L. c. dom.).—Nev.-Lem., 1912a, 845.—Porta, 1908, 280 (in L. c. d.; I.).—Rail., 1893, 571 (s. E. sp. Bellingh., 1844).—Sl. & Sw., 1912a, 415.

curvatus Linst., 1897i, 34, pl. 5 fig. 24 (in *Plestiodon aldrovandi*: Coll. Königsb. Mus.).—Porta, 1908, 247, pl. 9 figs. 19 a–c (in P. a.).

cyathiformis Rud., 1809a, 287 (barbi Schrank renamed) (in *Cyprinus barbus*; by Schrank).

cylindraceus Goeze, 1782a, 150–151, pl. 11 figs. 1–5).—Schrank, 1788a, 22 (in *Spechte*).—Dies., 1851a, 42 (s. *pici*) (in *Picus major*, P. *viridis*, *Turdus merula*; M. C. V.).—Duj., 1845a, 516 (in P. *erythro.*, Pm., Pv., T. m.; Mus. Wien).—Elmhirst, 1912, 89 (in *Sturnus vulg.*, T. m.; Scotland).—Kostylew, 1914, 186.—Linst., 1878a, 74; 1889a, 31 (in *Dendrocopus major*).—Lühe, 1904f (1905b), 196–199, 205–206; 1905a (b), 255, 316 (s. p.).—Marval, 1905a, 204, 208, 209, 210, 211, 215, 249 (s. *cylindraceus* p., *fasciatus*, *motacillæ-atricapillæ*, *sylviarum*, ?*merulæ*, *transversus*, *parvus*, *dimorphocephalus*, *muscipapæ*, *decipiens*, *rostratus*, *rectus*, *obliquus*, *rubetæ*, *pigmentatus*) (in *Certhia iam.*, *Coccothraustes coccothraustes*, *Corone corone*, *Croicoc. sp.*, *Cuculus canorus*, *Dendrocopus major*, *Erethacus rubecula*, *Hypsipetes leucoc.*, *Megalurus galactoces*, *Momotus brasiliensis*, *Monticola cyanus*, *M. saxatilis*, *Muscicapa atricapilla*, *M. collaris*, *Philomela aedon*, *P. lusciniæ*, *Pica pica*, *Picus viridis*, *Pratincola*

CYPRINORHYNCHUS—Continued.

cyllindraceus—continued.

- rubetra. *Ruticilla phœnicura*. *Saxicola stapazina*. *S. leucura*, *Sturnus vulg.*, *Sylvia articapilla*, *S. nisoria*, *Troglodytes parvulus*, *Trypanocorax frugilegus*, *Turdus iliacus*, *T. merula*, *T. musicus*, *T. pilearis*, *T. sp.*, *T. viscivorus*, *Vireo olivaceus*, 249–260, 263, 280, 287, 304, 316, 331, 361, pl. 1 figs. 12–14, 25.—*Ofiers*, 1816a, 50.—*Par.*, 1887, 364–365, pl. 7 figs. 50–52.—*Porta*, 1910, 703 (in *Acroc. arundinaceus*; *Portoferrajo*); 1913, 167 (in *Merula pritzbueri*; *Loyalty Ids.*).—*Rud.*, 1809a, 272–273 (s. p.) (in *Picus erythroc.*, *P. vir.*); 1819a, 69 (in *P. m.*, *P. v.*).—*Walter*, 1866, 66.—*Westrumb*, 1821a, 27, 44.—*Zed.*, 1800a, 118, 122–123 (in *P. e.*, *P. v.*, *T. m.*); 1803a, 151 (in *P. e.*, *P. v.*, *T. m.*).
- cyprini-idbari* *Rud.*, 1810a, 351 (for *idbari*).—*Lûche*, 1904f (1905b), 199 (= *idbari*).
cyprini-id[i] *Viborg*, 1795, 243 (in *Cyprinus idus*; *Mus. Copenh.* [nv.]).—*Lûche*, 1904f (1905b), 199.
- cyprini-rutili* *Rud.*, 1809a, 290, 315–316 (s. *rutili. carpionis*, *Acanthoc.*), (in *Cyprinus rutilus*; by *Kœlreuter*).—*Baird*, 1853a, 65 (so. *clavæceps*).—*Lûche*, 1905b, 164, 188, 199 (cf. *anguillæ*, *globulosus*).
- dasyacanthus* *Mehl.* in *Crep.*, 1846a, 149 (in *Muræna anguilla*; by *Mehl.*) (? so. *angustus*).
- debenhami* *Leiper & Atkinson*, 1914, PZSL, 223 (in *Trematomus bernacchii*; Antarctic); 1915, 33, fig. 4 (in *T. b.*; *Terra Nova Exped.*).
- decipiens* *Duj.*, 1845a, 512–513 (in *troglodyte*; *Rennes*).—*Dies.*, 1851a, 42 (in *Sylvia troglodytes*; *Rennes*).—*Linst.*, 1878a, 88 (in *Troglodytes parvulus*).—*Lûche*, 1905b, 206.—*Marval*, 1905a, 250, 251, 256, 257 (so. *cyllindraceus*).
- dendrocopi* *Westrumb*, 1821a, 40 (in *Dendrocopus albicollis*; Brazil).—*Dies.*, 1851a, 55 (in *Dendrocalaptes a.*; *B.*).—*Furhm.*, 1908, v. 10 (1), 22 (in *Xipholaptes*).—*von Ihering*, 1902a, 46 (in *Xyphocolaptes sp.*).—*Linst.*, 1878a, 80 (in *D. a.*).—*Lûche*, 1905b, 166, 199 (in *D. a.* = *X.*; *B.*).—*Marval*, 1905a, 205, 216, 361 (in *Ostinops sp.*, *Xiphocol. albicollis*), 363.
- depressus* *Nitzsch* in *Gieb.*, 1866a, 268 (in *Mustela foina*).—*Linst.*, 1878a, 38 (in *M. f.*).—*Porta*, 1908, AdP, 280–281 (in *M. f.*; Germany).
- de visiani* *Stoss.*, 1898c, 138 (for *de visianii*) (so. *propinquus*).
- de visianii* *Mol.*, 1858 (1859e), 294 (in *Gobius paganellus*; Padua); 1861c, 265.—*Porta*, 1905a, 160, 178.
- diffluens* *Zenker*, 1832a, 18, fig. 73 (in *Gammarus pulex* [nv.]).—*Dies.*, 1851a, 8 (to *Gregarina*).—*Kaiser*, 1893a, 1; 1893b, 133.—*Leuck.*, 1876a, 813.—*Lûche*, 1905b, 339 (cf. *minutus*).—*Nev.-Lem.*, 1912a, 846 (in *G. p.*).—*Porta*, 1905a, 184 (so. *miliarius*).
- dimorphocephalus* *Westrumb*, 1821a, 17, pl. 1 figs. 8, 9 (s. *muscipapæ* 1819) (in *intest. Muscipapæ collaris*, *M. olivaris*; Europe, Wien & Spain).—*Dies.*, 1851a, 34 (s. m.) (in *M. c.*; *M. olivacea*; Spain).—*Duj.*, 1845a, 509–510 (s. m.) (in *M. collaris*; *Mus. Wien*; *M. olivaris*; Spain).—*Linst.*, 1878a, 93 (in *M. c.*).—*Lûche*, 1905b, 199–200, 205, 261 (= m.).—*Marval*, 1905a, 250, 251, 258, 259 (so. *cyllindraceus*).
- dipsadis* *Linst.*, 1889c, 240–241, pl. 16 fig. 12 (larva in *intest. wall of Dipsas blaudingii*; from *Kamerun*); 1889a, 64 (in *Dryophis blaudingii*).—*Shipley*, 1903l, 1, 149 (in *snakes*).
- dobulæ* *Schrank*, 1790a, 123–124 (in *Cyprinacei generis compluribus piscibus*; by *Schrank*); 1792, 116; 1803, 218 (in *den Gedarmen des Dobels, der Barbe, des Rotauges und anderer Karpfenarten*).—*Baird*, 1853, 63 (= *proteus*).—*Dies.*, 1851a, 51 (so. p.).—*Lûche*, 1905b, 200–201, 237, 313, (so. *lævis* = p.).—*Porta*, 1905, 193 (so. p.).—*Rud.*, 1809a, 284 (so. *tereticollis*), 285, 287.—*Westrumb*, 1821a, 37 (so. p.).—*Zed.*, 1800a, 136.
- echinodiscus* *Dies.*, 1851a, 36, 554 (in *Myrmecophaga jubata*, *M. bivittata*; Brazil); 1861a, 746.—*Cobbold*, 1876, 202; 1879, 321.—*Linst.*, 1878a, 62 (in *M. tetradactyla*); 1889a, 27; 1901, 419; 1904, 380.—*Lûche*, 1905b, 339, 342.—*Wehrmann*, 1909a, 210 (in *M. j.*).—Also reported for *M. didactyla*, *M. tamandua*.
- elegans* *Dies.*, 1851a, 35–36 (in *Cebus sciureus*, *Jacchus rosalia*, *J. ursulus*, *J. (Hapale) chrysoleucus*; Brazil; *M. C. V.*); 1861a, 746.—*Cobbold*, 1876, 202–204, pl. 16; 1879, 292.—*von Ihering*, 1902a, 45 (in *Chysothrix sp.*, *Hapale sp.*, *Midas sp.*).—*Linst.*, 1878a, 10; 1889a, 6 (in *Crysothrix sciurea*).—*Porta*, 1908, AdP, 269–270 (in *C. s.*, *Hapale chrysoleuca*, *H. rosalia*, *H. ursula*; *B.*).—Also reported for *H. ædipus*, *Callithrix sciureus*, *M. rosalia*.

ECHINORHYNCHUS—Continued.

- emberizæ* Rud., 1819a, 673 (in *Emberiza brasiliana*; Brazil).—Dies., 1851a, 55 (in *Fringilla citrina*, *F. matutina*; B. & M. C. V.).—Fuhrm., 1908, v. 10 (1) 22, 23 (in *Pseudochloris*, *Zonotrichia*).—von Ihering, 1902a, 46 (in *Ps. sp.*, *Z. sp.*).—Linst., 1878a, 83 (in *F. cœlebs*).—Lûehe, 1905b, 201 (probably in *Sycalis citrina*).—Marval, 1905a, 205, 216, 361.—Par., 1901, 7.—Westrumb, 1821a, 41.—Also reported for *Malimbus rubricollis*, *Z. pileata*.
- emydis* Leidy, 1851b, 207 (in *Emys geographica*; by Baird); 1856b, 48 (so. *hamulatus*); 1904a, 49–50, 91.
- eperlani* Rud., 1809a, 313–314 (s. *marænæ*, *sipunculus*, *Acanthrus sipunculoides*) (in *Salmo eperlanus*; by Martin, 1780, 44–49); 1819a, 80 (in *S. e.*).—Dies., 1851a, 58 (s. m., s., *A. s.*) (in *Osmerus eperlanus*; by Martin).—Hofer, 1904a, 235, 271 (in *O. e.*).—Linst., 1878a, 265 (in *O. e.*); 1889a, 94.—Lûehe, 1905b, 151, 201–202, 330, 331 (= *A. s.*).—Olss., 1893a, 33–34, pl. 4 figs. 62, 63 (in *O. e.*).—Porta, 1905, 188 (of Linst., so. *lateralis*), 197–198, figs. 52, a–c (s. m., s., *A. s.*) (in *O. e.*).—Westrumb, 1821a, 42.
- erinacei* (Rud., 1793) Lûehe, 1904f (1905b), 202 (in *Dickdarm von Erinaceus europæus*; by Rud.), 203, 235, 250; 1905a (1905b), 259 (s. *napæformis*; *Hæruca erinacei*) 261.—Porta, 1908, 280 (in *E. e.*, *Fœtorius vulg.*, *Spermophilus citillus*; Greifsw. & Wien).
- erinacei abdominalis* Rud., 1819a, 76 (in *Erinaceus europæus*; C. E. V.).—Dies., 1851a, 22 (so. *amphipachus*).—Lûehe, 1904f (1905b), 170, 202–203 (= a.).—Westrumb, 1821a, 4 (renamed a.).
- erinacei subcutaneus* Rud., 1819a, 76 (in *Erinaceus europæus*; C. E. V.).—Lûehe, 1904f (1905b), 203.—Westrumb, 1821a, 8 (so. *napæformis*).
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- exiguus* Linst., 1901e, 279, figs. 8–11 (in *Engraulis encrasicolus*; Black Sea, Jalta).—Porta, 1905a, 190, fig. 44, a–c (in *E. e.*; *Mus. Petrograd*), 203.
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- falconis-cyanei* Rud., 1819a, 76 (in *Falco cyaneus*; C. E. V.).—Dies., 1851a, 23 (so. *lagenæformis*).—Lûehe, 1904f (1905b), 204 (so. *l.*).—Marval, 1905a, 337, 339, 345 (so. *Gigantor. compressus*).—Westrumb, 1821a, 7 (renamed *lagenæformis*).
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- fasciatus* Westrumb, 1821a, 27–28, 49 (s. *sylviarum*, *rubetræ*, *motacillæ-atricapillæ*) (in *omnibus Motacillæ atricapillæ, intestinibus Motacillæ fitis, lusciniæ, philomeles, phœnicuri, rubeculæ, rubetræ, rubicollæ et Troglodytis*).—Dies., 1851a, 42 (s. *mot.-atri.*, *sylv.*, *rub.*) (in *Saxicola rubicola*, *S. rubetra*, *Sylvia atricapilla*, *S. trochilus*, *S. lusciniæ*, *S. philomela*, *S. phœnicurus*, *S. rubecula*, *S. troglodytes*; M. C. V.).—Duj., 1845a, 512 (s. *mot.*, *sylv.*, *rub.*) (in *Saxicola rubetra*, *S. rubic.*, *Sylvia a.*, *S. rubecula*, *S. t.*, *S. l.*, *S. ph.*, *S. phœnicurus*; Wien).—Giebel, 1857, 268.—Linst., 1878a, 87 (in *Lusciola lusciniæ*); 1889a, 34 (in *S. a.*).—Lûehe, 1904f (1905b), 204–207, 219, 240; 1905a (b), 259, 281, 293, 310, 316 (= *sylv.*).—Marval, 1905a, 249, 251, 257, 258, 304 (so. *cylindraceus*).—Par., 1887, 365, pl. 7 figs. 53–55.
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globocaudatus Zed., 1800a, 128-130 (in intest. einer Stockeule; Germany); 1803a, 153 (in *Strix*).—Ben., 1858a, 1861a, 285.—Clerc, 1903, 256.—Cond.-Franc., 1892g, 224-232 (s. *caudatus* Brems., polyacanthisoides, tuba); 1892h, 178-186.—Crep., 1825, 20, 1829, 45-48; 1839, 284; 1846, 130; 1849, 53.—Dies., 1851a, 29-30 (s. c., p.) (in *Falco cyaneus*, *F. cineraceus*, *F. lagopus*, *F. milvus*, *F. naevius*, *F. rufus*, *F. tinnunculus*, *Strix aluco*, *S. flammea*, *S. passerina*; Rennes, G., M. C. V.); 1861, 744.—Duj., 1845a, 507-508, pl. 7 fig. C (in S. a., S. f.; R.).—Kaiser, 1893b, 89, 117.—Leprie, 1898, 53, 54.—Linst., 1878a, 103 (in *Ula aluco*); 1903, 278.—Lüthe, 1904f, (1905b), 152, 163, 167, 168, 169, 215-221, 233; 1905a (b), 281, 321, 322, 343.—Marotel, 1899, 302. Marval, 1905a, 218, 219, 223, 224, 225, 226, 246. (so. *aluconis*).—Müch., 1898, 55.—Muell., 1904a, 121.—Olfers, 1816a, 50.—Ols., 1893a, 36 (in S. a.).—Par., 1887, 363-364; 1902, 4, 16 (in *Aesalon regulus*).—Rud., 1809a, 264-265 (in S. p.); 1819a, 66, 314 (in S. a., S. p.).—Stoss., 1889, 184; 1890, 131; 1890, 54; 1891, 112; 1891, 219; 1891,

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497; 1892, 66; 1898, 39; 1896, 135; 1898, 133-134.—Stiles & Hass., 1894e, 352 (in U. a.).—Wagener, 1857, 79, 83.—Walter, 1866b, 16 (in S. a.).—Westrumb, 1821a, 13.—Wolffh., 1900, 10, 16.

globosus Blainv., 1819, 209; 1828, 551.—Lühe, 1904f (1905b), 221.—Mol., 1861c, 262.—Olfers, 1816a, 50.—Westrumb, 1821a, 79 (in *Muraena anguilla*) (for *globulosus*).

globulosus Rud., 1802a, 49-51 (s. *anguillae*) (in eel; by Rud.); 1809a, 259-261 (s. a.) (in *Muraena anguilla*); 1819a, 65-66, 313-314, 587 (in *Gobius aphyia*, G. jozo (gozo), G. niger, M. a., *Pleuronectes linguatula*, *Sciæna umbra*, *Sparus dentex*, *Sphyræna spet*; C. E. V., Mus. Wein, Nap., Rimini, Greifsw.).—Brems., 1824c, pl. 5, figs. 5-6.—Cobbold, 1879, 477.—Crep., 1825, 29-34; 1839, 283; 1846, 151, 152, 155.—Dies., 1851a, 28 (s. a.) (in *Abramis brama*, A. vimba, *Acerina vulg.*, *Anguilla vulg.*, *Barbus com.*, *Blicca buggenhagii*, *Leuciscus dobula*, L. jesus, L. rutilus, *Lota com.*, *Salmo fario*, *Silurus glanis*, *Tinca chrysitis*; G.) (pars so. propinquus); 1861a, 741.—Duj., 1845a, 532-533 (in *Cyprinus rutilus*, C. brama, C. tinca, C. dobula, C. barbus, C. jesus, C. vimba, *Gadus lota*, *Gobius*, *Pleuronectes*, S. f., *Sciæna*, *Sparus*, *Sphyræna*; Denmark, G., Italy, Mus. Wein).—Hofer, 1904a, 231, 235, fig. 154 (in Ab. br., A. v., Ac. cernua, Ang. vulg., *Barbus fluv.*, *Bliccopsis abramorutilus*, *Cyprinus carpio*, *Gobio fluv.*, *Idus melanotus*, *Leuc. rut.*, *Lota vulg.*, *Lucioperca sandra*, *Salmo fontinalis*, *Silurus glanis*, *Squalius cephalus*, *Tinca vulg.*, *Trutta fario*).—Kaiser, 1893b, 79.—Krøyer, 1838-40a, 398, 579, 603, 609, 616; 1846-53a, 333, 367, 387, 410, 446, 471, 641; 1852-53a, 1216 (in Ab. br., A. v., Ac. c., *Anguilla migratoria*, Ba. fluv., G. n., L. dob., L. r., *Lota vulg.*, *Salmo fario*, Sil. gl., *Tinca vulg.*).—Lam., 1816, 199.—Levander, 1906 (1904-1905), v. 30, 66.—Leidy, 1856b, 48 (s. *lateralis*) (in *Salmo fontinalis*).—Linst., 1878a, 209 (in A. c.); 1903, 277.—Lint., 1901b, 409, 435, 490 (in *Acipenser rubicundus*, *Anguilla chrysypa*; Woods Hole), 435.—Lühe, 1904f (1905b), 140, 144 (O. F. Müell.), 153, 173, 203, 221, 222-223; 1905a (b), 319, 328, 329 (cf. ang., *globosus*, propinquus, linstowi, *Acanthoc. sp.*).—Müch., 1898, 55, 79, 110, fig. 2.—Nordm., 1840, 643 (s. a.).—Olss., 1869b, 499, 512; 1893a, 33, pl. 4 figs. 60-61 (in Ac. vulg., M. a.).—Porta, 1905, 157, 159 (so. pr.), 160, 163-164 (s. a.), 173, 202, figs. 9a-c (in Ab. b., A. v., Ang. vulg., *Aspius rapax*, Bar. fluv., Bl. ab., Cyp. c., G. fluv., *Idus m.*, L. r., *Salmo font.*, Sil. gl., *Squal. ceph.*, *Tinca vulg.*, *Trutta fario*).—Schneid., 1903, 7, 22 (in A. vulg., G. niger, *Leuc. idus*, L. r., L. erythrophth., *Lota vulg.*, *Perca fluv.*, *Zoarces viviparus*); 1913, 33 (in L. idus, L. leuciscus).—Sieb., 1839, 160.—Srámek, 1901a, 95, 96 (in Abr. bra., *Abramidopsis leuckarti*, Ac. cer., Ang. fluv., Bar. fluv., *Blicca björkna*, *Carassius vulg.*, *Esox lucius*, *Idus mel.*, L. r., *Lota vulg.*, *Perca fluv.*, *Scardinus erythrophth.*, Sil. gl., *Squalius dobula*, S. lepusculus, *Tinca vulg.*) (s. a.), 103-104, figs. 56-57.—Westrumb, 1821a, 11.—Zed., 1803a, 150 (in Mur. ang.).—Zsch., 1896 a, 774, 784, 818, 822 (in *Tinc. vulg.*); 1903b, 127, 132, 133, 134, 146, 147 (in *Lota vulg.*, Sil. gl.).

gobii Viborg, 1795, 244 [nv.].—Baird, 1853a, 64 (of Rud., so. *proteus*).—Dies., 1851a, 51 (so. p.).—Lühe, 1904f (1905b), 223 (of Rud., 1819=E. sp. Brems., p., so. *lævis*), 237.—Porta, 1905, 193 (so. p.).—Rud., 1809a, 309 (refers to Viborg); 1819a, 79 (in *Cottus gobio*; C. E. V.) (includes reference to 1809a, 309).—Westrumb, 1821a, 37 (so. p.).

gracilis Rud., 1819a, 68-69, 319 (in intest. of *Coracias garrula*; by Treutler).—Dies., 1851a, 37 (in C. g.; M. C. V.).—Duj., 1845a, 515 (in C. g.; Mus. Wien).—Linst., 1878a, 73 (in C. g.).—Lühe, 1904f (1905b), 176, 196, 223-224.—Marval, 1905a, 204, 208, 279-281, 287, pl. 2 figs. 68-70 (in C. g.).—Westrumb, 1821a, 20, 49.

gracilis Ben., 1871a, 28, pl. 5 fig. 7 (in *Mugil chelo*; Belgium).—Linst., 1878a, 230 (in M. c.).—Lühe, 1905b, 164, 224 (so. *agilis*), 338.—Porta, 1905, 166 (so. ag.).—Sons., 1891, 255, 256.

grassii Rail., 1893a, 571 (quotes Deifke, 1891, 258) (in *Canis fam.*) (Ech. sp. Grassi, 1888; Sicily).—Geddes, 1911a, 136 (in dog; Sicily).—Nev.-Lem., 1912a, 845.—Porta, 1908, 278 (so. *Gigantor. moniliformis*).

gruis Rud., 1819a, 78 (in *Ardea grus*; C. E. V.).—Dies., 1851a, 56 (in A. g.).—Duj., 1845a, 519 (in *Grus cinerea*).—Linst., 1878a, 140 (in G. c.).—Lühe, 1904f (1905b), 224-225; 1905a (b), 267.—Marval, 1905a, 205, 216, 361-362 (in G. com.).—Westrumb, 1821a, 41.

gurnardi Rathke, ? 1799a, 72, pl. 2 fig. 5 [nv.].—Porta, 1905a, 171 (so. *acus*).

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- haematopodis* Rud., 1819a, 670–671 (in *Haematopus ostralegus*: Brazil).—Lühe, 1904f (1905b), 225 (so. *sphaeroc.*)
- haeruca* Lam., 1801a, 336 (s. *Pseudoechinorhynchus*=*auris* Schrank).—Lühe, 1905b, 225, 260 (s. m.) (= *Haeruca muris*, *haerucæ*) (so. *Cystic fasciolaris*).—Stiles, 1906a, 44 (so. *C. f.*).—Stiles & Stev., 1905a, 11 (?so. *T. teniaeformis*).
- haeruca* (Pall., 1766 pars) Rud., 1802a, 56–57 (s. *ranæ*); (in *Rana*; by Rud.); 1809a, 265–266 (s. r., *Haerucula*, *Tænia haeruca*) (in *Rana temp.*, *R. escul.*); 1819a, 67, 317–318 (in *Bufo cinereus*, *B. igneus*, *R. e.*, *R. t.*; Greifsw., *C. E. V.*—Andre, 1912, 478, 482, 485.—Blainv., 1828a, 551.—Bosc, 1802a, 4.—Braun & Lühe, 1909a, 155 (of frog: larva in *Asellus aquaticus*: 1910a, 169.—Brems., 1824c, 131, pl. 6 figs. 11–14.—Crep., 1839a, 284.—Cuv., 1817a, 40.—Dies., 1825a, 29 (s. r., r.-bombyne) H., *T. h.* (in *Anas fusca*, *Bombinator igneus*, *Lissostriton punctatus*, *Pelophylax escul.*, *R. t.*, *R. depasta*, *Triton cristatus*, *Phryne vulg.*; Europe).—Duj., 1845a, 526–527, pl. 7 fig. E (s. r., *T. h.*) (in *Bufo ig.*, *B. cin.*, *B. variabilis*, *R. t.*, *Tr. cr.*, *T. tæniatus*; Europe).—Eichw., 1829a, 250.—Elmhirst, 1912, 89 (larva in *As. aq.* in *R. t.*; Scotland).—Giard, 1904, v. 34, 108 (in *As. aq.*, *Bufo vulg.*, *Bomb. ig.*, *Hyla arborea*, *R. temp.*); 1904, v. 34, 45–49 (in *rainette*).—Hamann, 1892d, 195.—Hannover, 1864a, 5.—Kaiser, 1893a, 1, 2, 8, 12, 22, 26, 27, 28, 29, 30, 31, 32, 34, 41, 42, 49, 52, 56, 61, 62, 64, 68, 69, 71, 72, 77, 78, 86, 87, 88, 89, 90, 104, 105, 106, 107, 110, 116, 118, 119, 121, 123, 134, 135, 136; 1893b, 6, 12, 14, 15, 16, 29, 39, 40, 41, 42, 44, 48, 49, 50, 51, 52, 53, 54, 55, 57, 62, 69, 70, 79, 81, 84, 86, 89, 90, 91, 92, 93, 95, 96, 97, 98, 99, 100, 103, 104, 105, 112, 113, 114, 115, 117, 120, 121, 123, 124, 127, 128, 129, 130, 131, 136, 137, 138, 141, 146, 147, 148, pl. 1 figs. 2–7, 9, 13, 14, 15, pl. 2 figs. 4, 6, 15, pl. 4 fig. 14, pl. 5 figs. 12, 14, 15, 16, 17, 18, 22, 23, pl. 6 figs. 5–8, pl. 7 figs. 11–12, pl. 8 fig. 31, pl. 9 figs. 50, 55, 70.—Köhler, 1887c, 1192–1194 (muscle fibers) (*heruca*).—Kowal., 1894a, 8.—Linst., 1878a, 197 (in *R. t.*).—Lühe, 1905b, 154, 224, 290, 336 (so. r.).—Marval, 1905a, 201.—Mol., 1859, 16.—Olfers, 1816, 50.—Olss., 1892a, 35, pl. 5 fig. 73, 74 (in *R. e.*, *R. t.*).—Pachinger, 1885a, 1–50, 2 pls.—Porta, 1906, 241, 260; 1908, 228, 229 (so. r.).—Shipley, 1896a (1901b); 176, fig. 94; 1903, 150 (in *Bufo*).—Sieb., 1839b, 160.—Stiles & Hass., 1894e, 353 (in *Rana*).—Stoss., 1890, 54; 1896, 135; 1898, 137.—Wagener, 1857a, 80, 83.—Westrumb, 1821a, 11, 18–19, 48, 49, 51, 52, 54, 55, 56, pl. 3 figs. 18–21.—Zed., 1803a, 152 (so. r.).—Westwood, 1851, 647.
- haeruca* Bosc, 1802a, 4 (s. *muris*, *Haeruca*; Goeze, 1782a, pl. 2 fig. 12) (in *Mus musculus*).—Lühe, 1904f (1905b), 225.—Stiles, 1906a, 44 (so. *Cystic fasciolaris*).—Stiles & Stev., 1905a, 11 (so. *Tænia teniaeformis*).
- haliaëti* Rud., 1819a, 76 (in *Falco haliaëtus*; *C. E. V.*).—Dies., 1851a, 54 (in *F. h.*; *M. C. V.*).—Linst., 1878a, 114 (in *Pandion haliaëtus*).—Lühe, 1904f (1905), 159, 225–226.—Marval, 1905a, 216, 362 (in *P. fluv.*).—Westrumb, 1821a, 40.
- hamanni* Linst., 1892h (i), 68–69 (10–11), pl. 2 figs. 17–24 (in *Stenorhynchus leptonyx*; *S. Georgien*).—Lühe, 1905b, 231, 338 (belongs to *Corynosoma*).
- hamatus* Linst., 1897i, 33, figs. 16–17 (a *Giganter*) (in *Potamocheilus edwardsii*; Madagascar).
- hamulatus* Leidy, 1856b, 48 (emysid renamed) (in *Emys geographica*, *E. insculpta*, *E. guttata*, *E. serrata*; apparently *Phila.*); 1888f, 127 (in *terrapin*: 1904a, 91, 212.—Dies., 1861a, 742.—Linst., 1878a, 176 (in *E. g.*).—Porta, 1908, 226, 233 (in *Clemmys geographica*, *Cistudo carolina*, *E. i.*, *E. g.*, *E. s.*).—Stiles & Hass., 1894e, 353 (in *E. palustris*, *E. terrapin*, *Trachemys scabra*).
- hepaticus* Linst., 1901e, 278, figs. 3–4 (*Gadus callarias*; Weisses Meer, Petrograd Mus.).—Porta, 1905, 173, fig. 29a & b (in *G. c.*).
- hepaticus* Mol., 1858d, 141 (in *Garrulus pica*; Padua); 1861c, 262, pl. 8 fig. 2 (in *G. p.*; *P.*).—Dies., 1861a, 744.—Linst., 1878a (in *Pica caudata*).—Mont., 1887, 27.—Marval, 1905a, 328, 330, 331, 332 (so. *teres*).
- heruca* Köhler, 1887c, 1192–1194 (muscle fibers of) (for *haeruca*); 1887i, 599.
- heteracanthus* Linst., 1896a, 13–14, figs. 29–33 (in *Atherinichthys microlepidotus*; Coll. Mich.).—Porta, 1905a, 189–190, 202, figs. 41a–d (in *A. m.*).
- heterocercus* Nitzsch in Gieb., 1857a, 267 (in *caecum* of *Strix aluco*; Germany).
- heterorhynchus* Par., 1887b, 367–368, 371, (95–96), pl. 7 figs. 57–58 (in *Coluber flavidus*; Karalis).—Linst., 1888, 241; 1889a, 64 (in *Zamenis viridiflavus*).—Shipley, 1903l, 149.
- [*hexacanthus* Duj., 1845a, 497, 536–537 (exacanthus) (in *Mugil labeo*; Rennes).—Dies., 1851a, 58 (in *M. l.*; *R.*).—Linst., 1878a, 230 (in *M. l.*).—Porta, 1905, 166 (so. *agilis*).

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- hippuris* Zed., 1803a, 160 (s. Tentacularia) (in Coryphæn. hippur.; quotes Bosc & Rud.).—Lühe, 1905b, 196, 226, 338 (= coryphænæ, T. coryphænæ).
- hirudinaceus* (Pall., 1781a) Wolfh., 1908c (d), 13–17 (3–7) (in Diloboderus abderus; S. A.); 1909c, 69–71 (3–4) (larva in D. a.); 1911, 79.
- hirudinum* Marval, 1905a, 362 (lapsus for hirundinum).
- hirundinacea* (Dies., 1851) Lühe, 1904f (1905b), 140, 153, 156, 157, 215, 226–227; 1905a (b), 306 (s. gigas, Tænia h.).
- hirundinum* Rud., 1819a, 77 (in Hirundo apus, H. rustica; C. E. V.).—Dies., 1851a, 56 (in H. r.).—Linst., 1878a, 78 (in Cypselus apus).—Lühe, 1904f (1905b), 159, 229.—Marval, 1905a, 205, 216, 362, 363 (hirudinum) (in C. a., H. r.).—Müch., 1898, 55.—Westrumb, 1821a, 41.
- hominis* Leuck., 1876a, 729, fig. 531 (for Echinorr. sp. Lambl, 1859a, 45–49, figs. 12a–d, in intest. of Homo; [apparently Prag]).—R. Bl., 1889a, 704; 1890a, 94, (so. gigas).—Braun, 1883a, 197; 1895b, 249; 1903a, 310; 1906a, 344; 1908a, 348; 1915a, 373.—Cast. & Chalm., 1910a, 456, 926; 1913a, 566, 1293.—Cobbold, 1876e, 91; 1879b, 256, 413.—Dav., 1877a, lxxxiii.—F., S., & T., 1916a, 7, 477.—Geddes, 1911a, 136 (in infant).—Iijima, 1889, 407.—Linst., 1878a, 3 (in H.).—Moniez, 1896a, 419.—Mosler & Peiper, 1894, 318.—Packard, — ? —, 512.—Porta, 1908, 281–282.—Schneidem., 1896, 325.—Sl. & Sw., 1912a, 413.—Stiles, 1914, MM, v. 2, 297.—Verdun, 1907, 428.—Vogt, 1878, 12, 13.—Ward, 1895a, 332 (in H.); 1903, 225 (in small intest. H.; Prag.); 1903, 407; 1916, 704.
- horridus* Linst., 1898c, 290, fig. 21 (in Sauropatis sancta; Rahm).—Marval, 1905a, 204, 210, 284, 285, 286, pl. 2 figs. 71–73 (in Halycon sanctus).
- husonis* Rud., 1819a, 78 (in Acipenser huso; C. E. V.).—Dies., 1851a, 35 (so. plagiccephalus).—Lühe, 1904f (1905b), 229; 1905a (b), 273 (cf. acipenseris-rutheni, p.).—Mol., 1861c, 263–264 (so. p.).—Porta, 1905, 168 (so. p.).—Westrumb, 1821a, 17 (= p.).
- hyla* Johnst., T. H., 1914 PRSQ, v. 26, 83–84, pl. 10 figs. 8–9 (in Hyla cærulea; near Brisbane).
- hystrix* Brems. in Rud., 1819a, 75, 332–333 (in Pelecanus carbo; Mus. Wien); 1824, pl. 7 figs. 22–23.—Baird, 1853a, 61.—Bellingh., 1844a, 259.—Cond.-Franc., 1892, 229.—Crep., 1846a, 141 (in Halieus graculus).—Dies., 1851a, 45 (in Carbo cormoranus, C. cristatus, C. graculus, Mergus merganser, M. serrator, Podiceps rubricollis, P. subcristatus; M. C. V.).—Drummond, 1833, 63, fig. 24.—Duj., 1845a, 522 (in C. cor., C. cr., M. m., M. s., P. r., P. s.; Mus. Wien, Ireland).—Elmhirst, 1912, 89 (in Phalacrocorax carbo, P. graculus; Scotland).—Kaiser, 1893b, 29, 42.—Leidy, 1887b, 22 (in Plotus anhinga; Florida).—Leuck., 1876a, 787.—Linst., 1878a, 162 (in M. m.); 1901, 278.—Lühe, 1904f (1905b), 154, 229–232; 1905a (b), 266 (s. striatus), 342 (belongs in Corynosoma); 1911a, 36, 38.—Marval, 1905a, 198, 204, 215, 270, 272, 281–284, 310, 319, 320, 321, pl. 2 figs. 78–80 (in Merganser serrator, M. castor, Ph. c., P. auritus, P. bicristatus, P. gr., Plotus anhinga, Pod. griseigena).—Müch., 1898a, 24 (in Rana esculenta); 1898b, 55 (in Carbo cor., Merg., Pod.).—Olss., 1893a, 37.—Rennie, 1907, 443, 444, 445, fig. 3; 1909, 41, 42, fig. 3.—Stiles & Hass., 1894e, 352 (in Strix nebulosa).—Stoss., 1890, 54.—Villot, 1875, 474.—Westrumb, 1821a, 29–30, 51, 52, 54, pl. 1 fig. 4, pl. 3 figs. 16–17.
- idbari* Gmel., 1790a, 3050 (in idbari [Cyprinus idbarus] intestinis; teste Müell., 140).—Baird, 1853a, 64 (so. proteus).—Dies., 1851a, 51 (so. p.).—Lühe, 1905b, 187, 199, 232, 237, 313 (= cyprini-idbari, candidus) (so. levis).—Porta, 1905, 193 (so. p.).—Rud., 1809a, 290, 316 (s. cand.) (in C. i.); 1819a, 81 (in C. i.).—Westrumb, 1821a, 38 (= p.).—Zed., 1803a, 163.
- impudicus* Dies., 1851a, 29 (in Doras niger; Brazil); 1859e, 744.—Linst., 1878a, 251 (in D. n.).—Lühe, 1912, v. 1, 274, 275.—Mol., 1861c, 262.—Porta, 1905, 160, fig. 6, 203 (in D. n.).
- inaequalis* Rud., 1809a, 261, pl. 4 fig. 2 (in Falco buteo; by Jurine); 1819a, 66 (in F. b.).—Dies., 1851a, 27 (in F. b.; M. C. V.).—Duj., 1845a, 505 (in F. b.; Geneva, Mus. Wien).—Lepri, 1898, 53, 54.—Linst., 1878a, 112 (in Buteo vulg.).—Lühe, 1905b, 163, 168, 169, 232–233.—Marval, 1905a, 217, 219, 225, 229 (so. aluconis).—Mingazzini, 1900, 154.—Mont., 1887, 28.—Olfers, 1816, 50.—Rizzo, 1902, 39 (in Tropidonotus natrix).—Stoss., 1896c (d), 135 (17) (in Cercheis tinnunculus; Staranzano); 1898, 135.—Westrumb, 1821a, 14.—Also reported for Tropidonotus viperinus.

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- incrassatus* Mol., 1858 (1859e), 294 (in *Gobius paganellus*; Padua; 1861c, 260-262, pl. 8 fig. 1 (in G. p.; P.).—Dies., 1859, 743.—Linst., 1878a, 229 (in G. p.).—Linst., 1901b, 409, 450, 481, 487, 490 (in *Lophius piscatorius*, *Paralichthys dentatus*, *Pomatomus saltatrix*; Woods Hole).—Porta, 1904, 1 (in *Conger vulg.*); 1905, 160, 178-179, 202, fig. 20 a-b (s. *visianii*, *flavus*) (in C. v., G. p., *Pagellus erythrinus*), 188 (of Lint. so. *lateralis*).—Stoss., 1898, 138.
- inflatus* Rud., 1809a, 270-271 (s. *salmonis*) (in *Salmo salar*; by Müell., Rud.).—Baird, 1853a, 66 (so. *fusiformis*).—Dies., 1851a, 41 (so. *pachysomus*).—Crep., 1839a, 284.—Fisch., 1840, v. 13 (1), 156 (in S. s.; *Mitaviae*).—Lühe, 1905b, 140, 234, 318 (=salm.).—M'Intosh, 1864, 151.—Olfers, 1816, 50.—Porta, 1905, 172 (so. p.).—Westrumb, 1821a, 16 (=f.).
- inflatus* Crep., 1829b, 39-49 (in *Charadrius hiaticula*, *Hematopus ostralegus*; by Crep. and Laur.); 1846, 136.—Dies., 1851a, 34 (in C. h., C. minor, H. o.).—Duj., 1845a, 517-518 (s. *striatus*) (in C. h., H. o.; Greifsw.).—Fisch., 1840, v. 13 (1), 156.—Linst., 1876, 2; 1878a, 133 (in H. o.).—Lühe, 1905b, 234, 338.—Mehl., 1831, 166. Müell., 1898, 55.—Marval, 1905a, 204, 208, 212, 213, 286-291, 314, 315, pl. 2 figs. 61, 74-76 (s. *lanceolatus*, *crassicollis*) (in *Aegialites cantianus*, A. fluv., A. hiaticula, *Cuculus canorus*, *Calidris arenaria*, H. o., *Pelidna alpina*).—Par., 1899, 16; 1899, 100 (in A. c.; *Portoferrajo*); 1902, 17 (in A. c., Ca. can.).—Villot, 1875, 471-472, pl. 13 fig. 11 (in C. h., H. o., *Tringa alpina*; Roscoff); 1878, 22 (in T. variabilis).
- inflexus* Cobbold, 1861e, 117, 124, pl. 20 figs. 9-10 (in *Chelydra serpentina*; Lond.); 1879b, 455.—Linst., 1878a, 180 (in *Halichelys atra*).—Porta, 1908, 226, 234, pl. 9 fig. 8 (in H. a.).
- ingens* Linst., 1879b, 337 (in intest. *Procyon lotor*; Ing.); 1899a, 17 (in P. l.).—Porta, 1908, v. 12, 277 (so. *Gigantor. hirundinaceus*).
- inscriptus* Westrumb, 1821a, 15-16 (in intest. *Turdi flavipedis et albicollis*; Brazil).—Dies., 1851a, 32-33 (in T. f., T. a., T. humilis, T. albiventer; B., M. C. V.).—Duj., 1845a, 511 (in T. f., T. albicollis; B.).—Fuhrmann, 1908, v. 10 (1), 22, 23 (in T.).—von Ihering, 1902a, 45, 46 (in T. fumigatus).—Linst., 1878a, 88 (in T. albiv.).—Lühe, 1904f (1905b), 234-235.—Marval, 1905a, 229, 230, 233 (so. *aluconis*).
- incaginabilis* Linst., 1902a, 228-229, figs. 17-20 (in *Numenius arquatus*; Munich).—Lühe, 1912, v. 1, 282, 285 (to *Arhythmor.*).—Marval, 1905a, 204, 212, 291-292, pl. 4 figs. 156-159 (in N. arcuatus).—Van Cleave, 1916, 167.
- kerkoideus* Westrumb, 1821a, 8 (s. *citilli*) (in *Arctomys citillus*; M. C. V.).—Dies., 1851a, 22 (so. *napeformis*).—Duj., 1845a, 502 (s. c.) (in *Spermophilus citillus*; Mus. Wien).—Lühe, 1904f (1905b), 190, 235, 250 (s. c.).
- labri* Rud., 1819a, 80 (in *Labrus tinca*; C. E. V.).—Dies., 1851a, 57-58 (in *Crenilabrus tinca*; M. C. V.).—Linst., 1878a, 233 (in C. t.).—Lühe, 1904f (1905b), 235.—Porta, 1905, 176, 196-197 (in C. griseus, C. t.).—Sons., 1891h, 258 (in C. g., C. t.).—Westrumb, 1821a, 42.
- lacustris* Zoega in Müell., 1776a, 214.—Herbst, 1787a, 42.—Lühe, 1904f (1905b), 149, 235 (=Cucullanus elegans, lacustris).—Müell., 1776a, 51; 1780, 205.—Rail & Henry, 1915, 448 (so. C. e.).—Rud., 1809a, 102 (so. C. e.).—Stiles & Hass., 1905b, 103.
- lævis* Zoega in Müell., 1776a, 215.—Dies., 1851a, 52 (so. *proteus*).—Fabr., 1794, 39.—Herbst, 1787a, 42.—Lühe, 1904f (1905b), 149, 154, 170, 175, 186, 191, 200, 201, 212, 236-238, 241, 244, 245, 247; 1905a (b), 268, 270, 273, 298, 299, 302, 313, 331, 336 (cf. p., *longicollis*, *annulatus*, *candidus*) (s. *annularis*, *attenuatus*, *barbi*, *brama*, *dobula*, "gobii," *idbari*, "lavareti," *levis*, *nodulosus*, *ovatus*, *piscinus*, "salmonum," *salvelini*, *sphaericus*, *subglobatus*, *sublobatus*, *tenuicollis*, *tereticollis*, *Tenia longicollis*).—Mola, 1912, 491, 501, 502 (Tiber, Aniene).—Pall., 1781, 110.—Porta, 1905, 193 (so. p.).—Rud., 1809a, 284-285 (*lævi*) (so. *tereticollis*) 287 (so. *nodulosus*), 289.—Schränk, 1788a, 28 (in Sandbutte).—Stiles & Hass., 1905b, 103.—Van Cleave, 1916, 131.—Westrumb, 1821a, 37 (so. p.).
- lævis* n. sp. Linst., 1905t, 359, pl. 23 figs. 4-5 (in *Anas boschas*; Ing.).
- lagænaformis* Westrumb, 1821a, 7 (s. *falconis-cyanei*) (in intest. *Falconis cyanei*; Mus. Wien).—Dies., 1851a, 23 (s. f.-c.) (in F. c., F. gracilis; F. milvoldes, F. pterocles, F. urubitinga; Brazil, M. C. V.).—Duj., 1845a, 505 (s. f.-c.) (in F. c., F. pygagrus; Mus. Wien).—Fuhrm., 1908, v. 10 (1), 22, 23 (so. *compressus*) (in Busarellus, Urubitinga and other Accipiters; Brazil, Europe).—Linst., 1878a,

ECHINORHYNCHUS—Continued.

lagænæformis—continued.

109 (in *Circus cyaneus*).—Lühe, 1904f (1905b), 169, 204, 238–240, 249; 1905a (b), 266, 293 (s. f.-c.).—Marval, 1905a, 198, 337, 339, 340 (*lagænæformis*), 345, 346, 347 (so. *Gigantor. compressus*).

lagænæformis Westrumb, 1821a, 68 (for *lagænæformis*).

lagænæformis Duj., 1845a, 505 (for *lagænæformis*).

lagænæformis Marval, 1905a, 340 (misprint for *lagænæformis*).

lamelliger Dies., 1854s, 681 682, figs. 1–6 (in *Nauclerates ductor*; M. C. V.); 1861a, 745.—Linst., 1878a, 217 (in N. d.).—Porta, 1905, 165, 202, figs. 13a–c (in N. d.); 1907, v. 1 (19), 412 (type of *Lepidosoma*).

laneca Westrumb, 1821a, 26–27 (s. *vanelli*, *morinelli*, *œdicnemi*). 48, 51, 52, 54, 55, 56, 63, 64, pl. 1 fig. 19, pl. 3 figs. 4–7, (in intest. *Charadrii morinelli* et *œdicnemi*, *Tringæ vanelli*); 1823, 393.—Crep., 1846, 136.—Dies., 1851a, 31 (s. v. m., *œdicnemonis*) (in *Charadrius cantianus*, C. mor., C. oed., *Vanellus cristatus*; M. C. V.).—Duj., 1845a, 517 (s. *œdicnemi*, van.) (in C. m., *Oedicnemus crepitans*, V. c.; Wien).—Elmhirst, 1912, 90 (in V. vulg.; Scotland).—Linst., 1878a, 134 (in O. crep.).—Lühe, 1904f (1905b), 241; 1905a (b) 255, 265, 324 (so. v.).—Marval, 1905b, 204, 208, 212, 213, 262, 296–299, pl. 3 figs. 108–109, 112–116 (s. v., m., *œdicnemonis*) (in *Aegialites cantianus*, *Cuculus canorus*, *Charadrius pluvialis*, *Eudromias morinellus*, *Himantopus plinii*, *H. himantopus*, *Oed. œdicnemus*, *Pavoncella pugnax*, *Van. capella*, *Van. vanellus*).—Mehl., 1831, 166.—Par., 1899, 16; 1899, 100 (in V. cap.); 1902c, 17 (in C. c., V. c.).—Stoss., 1891, 112 (in *H. melanopterus*; Trieste).

lanecolatus Linst., 1876a, 2, fig. 3 (in intest. of *Charadrius hiaticula*; by Linst.); 1878a, 136 (in *Aegialites hiaticula*).—Lühe, 1905b, 234, 339.—Marval, 1905a, 286, 290, 291 (so. *inflatus*).—Stoss., 1891, 219.

lari Rud., 1819a, 671 (sub *sphærocephalus*) (in *Hæmatopus ostralegus*; Brazil).—Lühe, 1904f (1905b), 241.

lateralis Mol., 1858 (1859e), 295 (in *Belone acus*; Padua); 1861c, 269, pl. 8 fig. 13 (in B. a.; P.).—Barbag. & Drago, 1903, 418, (in B. a.; Catania).—Dies., 1859e, 749–750.—Linst., 1878a, 234; 1889a, 84 (in B. a.).—Par., 1902c, 17 (in *Anguilla vulg.*, *Belone vulg.*, *B. acus*, *Exocoëtus volitans*, *Gobius jozo*, *Iabrax lupus*; Europe).—Porta, 1904a, 4 (in *Atherina hepsetus*); 1905a, 179, 188, 198, 203, fig. 39 a–b (s. *eperlani*, *incrassatus*) (in *Ang. vulg.*, *Ath. hep.*, *B. a.*, *B. vulg.*, *G. j.*, *L. l.*, *Lophius piscatorius*, *Paralichthys dentatus*, *Pomatomus saltatrix*).—Stoss., 1885b, 164 (9), pl. 5 fig. 23 (in *Belone acus*, *L. l.*; Trieste); 1887, 96; 1889h, 30; 1891, 219; 1898, 139; 1901, 102 (in *Ath. hep.*; T.).

lateralis Leidy, 1851b, 207–208 (in intest. of *Salmo fontinalis*; by Baird); 1856b, 48 (so. *globulosus*); 1904a, 50, 92.

lavaceti Rud., 1809a, 313 (cf. *Acanthoc.*) (in *Salmo lavaretus*; teste Kœlreuter); 1819a, 80 (s. *salmonum*).—Baird, 1853a, 64 (so. *proteus*).—Dies., 1851a, 51, (so. p.).—Lühe, 1905b, 159, 241–242, 313, 329 (= *lævis*).—Porta, 1905, 193 (so. p.).—Westrumb, 1821a, 37 (so. p.).

lendar (Phipps, 1774a) Lühe, 1905b, 147, 172, 208, 209, 242–244, 286 (s. *anatis-mollissima*, *borealis*); 1911a, 34, 55.

lesiniformis Mol., 1859h, 15–16 (11) (in *Pelophilax escul.*; Padua).—Linst., 1878a, 198 (in *Rana escul.*).—Porta, 1908, 225, 229.—Stoss., 1890, 44; 1898, 137.

lævis Zed., 1803a, 155–156 (so. *tuba*) (for *lævis*).—Lühe, 1904f (1905b), 237, 244.

linearis Westrumb, 1821a, 10 (s. *sternæ*), 56, pl. 1 fig. 2 (in intest. *Sternæ stubericæ*; Mus. Wien).—Dies., 1851a, 27–28 (s. st.) (in *S. cantiana*; M. C. V.).—Duj., 1845a, 522 (in S. s., S. c.; Mus. Wien).—Linst., 1878a, 169 (in *Larus tridactylus*); 1901, 277.—Lühe, 1905b, 244, 307 (s. st.).—Marval, 1905a, 199, 204, 212, 215, 292–296, 314, pl. 3 figs. 90–91, 98, 111 (s. st.) (in *Arenaria interpres*, S. c.).

lineatus Crep., 1846a, 136 (in *Charadrius cantianus*; by Crep.).

lincolatus Müell., 1779a, 96 98, pl. 36 figs. 11–14 (s. *Tania hæruca* Pall.) (in *Cottus scorpius*, *Gadus aglefinus*, *G. lucius*, *G. merlangus*, *G. callarias*; by Müell.) (*Echinorhynchus*); 1784a, 107, 1788a, 48–50, pl. 37 figs. 11–14 (s. T. h.) (in C. s., G. a., G. c., G. l., G. m.).—Baird, 1853a, 66 (so. *acus*).—Bosc, 1802a, 8.—Brug., 1791a, 110, pl. 38 fig. 10–12 (in *gadorum plurimorum* intest.).—Dies., 1851a, 40 (so. a.).—Fabr., 1799a, 150 (cf. *gadi-virentis*).—Gmel.,

CHINORHYNCHUS—Continued.

lineolatus—continued.

1790a, 3047.—Lüthe, 1905b, 163, 212, 244–245 (=gadi).—Olfers, 1816, 51.—
 Pall., 1781, 108.—Porta, 1905, 171 (so. a.).—Rud., 1809a, 281–282, 307 (so. g.,
Tænia lumbricoides) (in C. s., G. l., G. a., G. m., G. s.); 1819a, 71 (so. a.).—
 Stiles & Hass., 1905b, 103 (cf. g.).—Westrumb, 1821a, 24 (so. a.).—Zed.,
 1803a, 152–153 (in *Gadus*).

linstowi Hamann, 1891a, 95–96, pl. 8 figs. 17–22 (in intest. *Abramis ballerus*,
Alburnus bipunctatus, *Accipenser huso*, *Idus melanotus*: Mus. Wien).—
 Hofer, 1904a, 235 (in *Trutta fario*, *T. iridea*), 271 (in *Cobitis barbatula*, *Gobio*
fluv., *Gasterosteus aculeatus*, *Phoxinus laevis*).—Lüthe, 1905b, 174, 319, 329
 (= *globulosus*).—Porta, 1905a, 193 (so. *proteus*), 195.—Shipley, 1896a
 (1901b), 183 (in *Acip. huso*, *Abr. bipunctatus*, *A. bal.*, *Leuciscus idus*).—
 Zsch., 1896a, 774, 776, 778, 784, 820, 822 (in *T. f.*).

linstowii Hamann in Linst., 1889a, 83, 90, 91, 92, 93 (in *Cobitis barbatula*, *Gobio*
fluv., *Gasterosteus aculeatus*, *Phoxinus laevis*, *Trutta fario*) (for *linstowi*),
 [nomen nudum except for host and location].—Hofer, 1904a, 271.

lobianchii Mont., 1887a, 27–28 (9–10), figs. 5–7 (in peritoneum of *Tropidonotus*
viperinus; by Mont.).—Linst., 1889a, 64 (in *T. v.*).

longicollis (Pall. 1781) Goeze, 1782a, 162–163 (cf. *attenuatus*), pl. 12 fig. 12–14
 (in Dorsch [*Lota lota*], by Goeze; and in *Pleuronectes limanda*, by Müell.).—
 Bosc, 1802a, 8.—Dies., 1851a, 51 (so. *proteus*), 52.—Gmel., 1790a, 3047.—
 Lüthe, 1905b, 281 (of Zed. pars so. *filicollis*), 170, 183, 207, 245, 281, 313
 (so. *laevis*).—Marval, 1905a, 263, 265 (of Zed. so. f.).—Porta, 1905, 193 (so. p.).—
 Rud., 1809a, 285, 317 (so. *tereticollis*).—Westrumb, 1821a, 37 (so. p.).—
 Zed., 1803a, 156–157 (in *Gadus lota*).

longicollis Villot, 1875a, 472–473, pl. 13 fig. 13 (in *Larus ridibundus*, *Strepsilas*
interpres; Bretagne); 1878, 18 (in S. i.).—Elmhirst, 1912a, 90 (in *Larus canus*,
L. r., S. i.; Scotland).—Gedøelst, 1911a, 136 (in dom. duck).—Linst., 1878a,
 133 (in S. i.).—Lüthe, 1911a, 55–56, fig. 76 (in *Arenaria interpres*, L. r.); 1912,
 v. 1, 290, 291, 292.—Marval, 1905a, 204, 212, 214, 215, 299, pl. 4 fig. 134 (in
Anas boschas dom., L. r., S. i.).—Par., 1899, 16; 1899, 100 (so. polymorphus);
 1902, 17 (so. p.).—Porta, 1905, 185, 186 (so. *roseus*).

lophii Gmel., 1790a, 3050 (in *Lophius piscatorius*; Müell., 211).—Baird, 1853a,
 66 (so. *acus*).—Dies., 1851a, 40 (so. a.).—Lüthe, 1904f (1905b), 187, 245–246
 (cf. *gadi*, *candidus*).—Porta, 1905, 171 (so. a.).—Rud., 1809a, 317–318 (s. *cand.*
 Müell.) (in L. p.; Müell.); 1819a, 71 (so. a.).—Westrumb, 1821a, 24 (so. a.).—
 Zed., 1803a, 163.

lucii Müell., 1779a, 90–91, pl. 37 figs. 4–6 (in *Esox lucius*; by Müell.) (*Echi-*
norynchus); 1788a, 45–46, pl. 37 fig. 4–6 (in intest. E. l.).—Bennet & Olivier,
 1826a, 35–36.—Bosc, 1802a, 10.—Brug., 1791a, 109–110, pl. 38 figs 3–5, B, C
 (in intest. *Esox lucii*).—Dies., 1851a, 43 (so. *angustatus*).—Frøel, 1791a,
 100–101.—Lüthe, 1905b, 144, 145, 148, 152, 156, 173, 176, 182, 186, 187, 191,
 238, 246–248, 270, 272, 286, 292, 310, 331, 336 (= *ang.*) (s. *candidus*, *ranæ*).—
 Mola, 1912, 491, 501, 502 (in *Cottus gobio*).—Pall., 1781, 109.—Porta, 1905,
 174 (so. *ang.*).—Rud., 1809a, 266 (so. *ang.*), 268 (of Frøel so. *affinis*).—Schränk,
 1788a, 23; 1803, 219.—Westrumb, 1821a, 26 (so. *ang.*).—Zed., 1800a, 111–117,
 123–125.

lucii Viborg, 1795a, 244 [nv.].—Lüthe, 1904f (1905b), 248 (may be either *lucii* or
laevis).

lumbricoides (Müell. [nv.]) Goeze, 1782a, 143 (so. *gigas*).—Rail., 1893a, 565–566.

lutzi Hamann, 1891a, (b), 95–98 (208–210), pl. 8 (12) figs. 30–37, pl. 9 (13) figs.
 5, 15 (in *Bufo aqua*; Brazil).—Ihering, 1902a, 46 (in B. sp.) (*lutzi*).—Porta,
 1908, AZ, 225, 227–228, pl. 9 fig. 5 (in *Bufo aqua*).—Shipley, 1896a (1901b),
 183 (in B. a.; Brazil).

mabuizæ Linst., 1907, 84, pl. 1 figs. 6–7 (in *Mabuia multifasciata*; Java).—Porta,
 1908, 248 (in M. m.).

macracanthus Brems. in Westrumb, 1821a, 7 (s. *charadrii-pluvialis*), 44, pl. 1
 fig. 7, pl. 3 fig. 27 (in *Charadrius pluvialis*; Mus. Wien).—Dies., 1851a, 23–24
 (s. c.-p.) (in C. p.; M. C. V.).—Duj., 1845a, 517 (in C. p.) (s. c.-p.).—Linst.,
 1878a, 135 (in C. p.).—Lüthe, 1905b, 189, 239, 248–249 (s. c. p., *macrocant-*
thus).—Marval, 1904, 581 (*macrocanthus*); 1905a, 198, 262, 337, 339, 340, 345,
 346, 347, 364 (so. *Gigantor. compressus*).

macrocanthus Marval, 1904, 581 (for *macracanthus*).

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- macrorhynchus* Dies., 1851a, 47 (in *Vastres cuxieri*; Borbæ & ad Rio branco, Brazil); 1859, 749.—von Ihering, 1902a, 46 (in *Arapaima* sp.).—Linst., 1878a, 270 (in V. c.).—Porta, 1905, 150, 187, 203 (in V. c.).
- macrourus* Brems. in Westrumb, 1821a, 12 (s. *ardea-purpureæ*) (in *Ardea purpurea*; Mus. Wien).—Dies., 1851a, 26 (in A. p., *Ciconia alba*; Rennes, M. C. V.) (s. a.-p.).—Duj., 1845a, 520 (in A. p.; C. a.; R. M. W.).—Linst., 1878a, 144 (in A. p.).—Lûche, 1905b, 176 (s. a.-p.), 249; 1912, v. 1, 290, 291 (in A. p.).—Marval, 1905a, 322, 323, 325, 327, 328 (so. *sphærocephalus*).
- magretti* Marval, 1905a, 205, 216, 364–366 (for *magrettii*) (in *Lamprocorax chalybea*, *Rhamphastos erythrorhynchus*).
- magrettii* Par., 1885, 441–442, pl. 7 figs. 23–25 (in *Buceros erythrorhynchus*; Kassala, Sudan).—Linst., 1889a, 30 (in B. e.).—Setti, 1892 (1893a), 16–17, pl. 1 fig. 10 (in trachea of *Lamprotrornis chalybara*; Keren).
- major* Brems. in Westrumb, 1821a, 9, 48, 49, 51, 52, 53, 54, 56, pl. 2 figs. 11–15 (in *Erinaceus europæus*; Wien, Brems., 1811, 26).—Cobbold, 1879b, 295.—Dies., 1851a, 21 (in E. e.; M. C. V.).—Duj., 1845a, 500.—Kaiser, 1893b, 29.—Linst., 1897, 32, figs. 14–15; 1901, 277.—Lûche, 1905b, 154, 250.—Stoss, 1898, 133.
- manifestus* Leidy, 1856b, 48 (in *Picus collaris*) (s. *pici-collaris*); 1901a, 91.—Dies., 1859, 746.—Linst., 1878a, 75 (in P. c.).—Lûche, 1905b, 239, 339 (s. p.-c.).—Marval, 1905a, 198, 337, 339, 340, 348 (so. *Gigantor. compressus*).—Stiles & Hass., 1894e, 352 (in *Colaptes mexicanus*).
- maræne* Gmel., 1790a, 3049 (s. *Acanthus sipunculoides* 1780) (in *maræne* intestinis).—Bennet & Olivier, 1826, 37 (in *Salmo eperlanus*).—Dies., 1851a, 58 (so. *eperlani*).—Lûche, 1905b, 249–250, 259, 330 (cf. Ac. s., *muræne*), 331.—Porta, 1905, 197.—Rud., 1809a, 313 (so. e.).
- medius* Lint., 1907, v. 33, 88–90, 122, figs. 21–30 (adult in *Mycteroperca apua*; larva in *Bodianus fulvus punctatus*, *Calamus calamus*, *Epinephelus maculosus*, *E. morio*, *E. striatus*, *Hæmulon flavolineatum*, *Lachnolaimus maximus*, M. a., *Neomenis griseus*, *N. hastingsi*, *Ocyurus chrysurus*; Bermuda).
- megacephalus* Westrumb, 1821a, 14, pl. 1 fig. 6 (in intest. *Coluber maculatus*; Brazil).—Dies., 1851a, 27 (in *Pantherophis zææ*; B.).—Duj., 1845a, 525 (in C. m.; B.).—von Ihering, 1902a, 46.—Linst., 1878a, 190 (in P. z.); 1888, 241.—Lûche, 1905b, 169, 250, 324 (perhaps=*tumidulus*) (in C. m.=P. z.=*Drymobius bifossatus*).—Shipley, 1903l, 149 (in snakes).
- megarhynchus* Linst., 1892h (i), 70, 77 (12, 19), pl. 3 figs. 33–35 (in *Notothenia coriiceps*; S. Georgien).—Porta, 1905, 170, fig. 18, a-c, 202 (in N. c.).
- menura* Johnst., 1912, v. 24, 83, pl. 4 figs. 39–40 (in *Menura superba*; Gosford, N. S. W.); 1912, v. 12, 109 (in M. s.; N. S. W.).
- mergi* Schrank, 1788a, 27 (in *Taucherganz*; Bloch, 1782a, 27, pl. 7 figs. 7–9).—Bosc, 1802a, 7.—Brug, 1791a, 108, pl. 38 fig. 2, a-c (in intest. *Mergi minuti*).—Dies., 1851a, 32 (so. *bacillaris*).—Gmel., 1790a, 3045.—Lûche, 1905b, 180, 251–252; 1911a, 41, 42, 43.—Marval, 1905a, 217 (so. *aluconis*).—Rud., 1809a, 301 (so. b.).—Westrumb, 1821a, 14 (so. b.).
- merula* Gmel., 1790a, 3046 (in *merula* [*Turdus merula*, see Lûche,] and *Fringilla montana*; Gœze, 1782a, 165).—Baird, 1853a, 62 (=polymorphus).—Bosc, 1802a, 7.—Lûche, 1905b, 205, 252–253 (in T. m.).—Marval, 1905a, 249, 251 (so. *cylindraceus*).—Rud., 1809a, 295, 296 (so. *minutus*).
- micrananthus* Rud., 1819a, 66, 69–70, 322–323 (in *Fringilla cœlebs*, *Loxia coccothraustes*, *Motacilla atricapilla*, *M. nisoria*, *M. cenanthe*; Mus. Wien).—Dies., 1851a, 39 (s. *alaudæ*) (in *Alauda arvensis*, *A. arborea*, *Anthus arboreus*, *Fringilla coccothraustes*, *F. cor.*, *M. becafigua*, *Saxicola cenanthe*, *Sylvia atricapilla*, *S. nisoria*; Florence, M. C. V.).—Duj., 1845a, 513 (s. al.) (in *Alauda arv.*, *A. nemorosa*, *Anthus pratensis*, *A. trivialis*, *F. c.*, *L. c.*, *Sax. æn.*, *Sy. at.*, *S. n.*; Mus. Wien, Italy).—Fuhrm., 1908, v. 10 (1), 23.—Kostylew, 1914, ZA, 186 (in *Sy. at.*, *Sturnus vulg.*).—Linst., 1878a, 83 (in F. c.).—Lûche, 1905b, 165, 253–254, 315.—Marval, 1905a, 204, 206, 208, 209, 219, 211, 212, 213, 233, 257, 280, 300–304, 311, 312, 315, 330, 331, 337, 353, 355, 356, pl. 2 figs. 43, 57, 58, 62, 63 (s. al., *carrucioi*) (in *Al. arv.*, *Anthus trivialis*, *Bubo lacteus*, *Bucco* sp., *Cassius persicus*, *Coccothraustes coccothraustes*, *Croceopsis bimaculatus*, *Crypturus brevirostris*, *Cyanocorax chrysops*, *Dendrocopos major*, *Emberiza gulæa*, *E. tieutica*, *Eucometis penicillata*, *Eurypyga helias*, *Formicarius colma*, *Fr. c.*, *Galerida arborea*, *Leistes guianensis*, *Ligurinus chloris*, *Locustella fluv.*, *Mont. cyanus*, *M. sax.*, *M. sp.*, *Muscicapa*

CHINORHYNCHUS—Continued.

micracanthus—continued.

atricapilla, *Nesopsar nigerrimus*, *Nothura maculosa*, *Numenius borealis*, *N. sp.*, *Nusciraga caryocatactes*, *Ostinops decumanus*, *Parula americana*, *Petronia cyanus*, *P. stulta*, *Platystira cyanea*, *Progne chalybea*, *Rhamphastos erythrorhynchus*, *Rhamphocelus jacapa*, *Sax. æn.*, *Spizocorys personata*, *Sy. at.*, *S. nis.*, *Sycalis flaveola*, *Taoniscus nanus*, *Tanagra divina*, *T. sp.*, *Thamnophilus major*, *T. sulphuratus*, *Tinamus sp.*, *Trogon melanurus*, *T. sp.*, *Tyrannus pyrrhoc.*, *Uroleuca cristatellus*, *Xanthosomus ruficapillus*, *Xipholena pompadora*.—*Olss.*, 1893a, 36 (in *Sax. æn.*).—*Par.* 1899, 16, 100 (in *Petronia stulta*; *Portoerraio*); 1902, 16 (in *P. s.*).—*Stoss.*, 1896, 135; 1897, 7, fig. 14; 1898, 135.—*Westrumb*, 1821a, 21, 49.—Also reported for *Lullua arborea*, *Coccothraustes vulg.*

micracantus *Marval*, 1905a, 257 (misprint for *micracanthus*).

microcephalus *Rud.*, 1819a, 665 (in *Didelphys cayopollin*; *Brazil*).—*Cobbold*, 1879b, 434.—*Dies.*, 1851a, 20 (in *D. philander*; *B.*); 1859, 741.—*Duj.*, 1845a, 504, 505 (in *D. c.*; *B.*).—*von Ihering*, 1902a, 45 (in *D. sp.*, *Caluromys sp.*).—*Leidy*, 1856b, 48 (cf. *torquosa*).—*Linst.*, 1878a, 65 (in *D. p.*).—*Lûche*, 1905b, 254–255 (in *D. c.* = *D. murina*).—*Porta*, 1908, 268 (in *D. m.*, *D. p.*, *D. virginiana*; *B.*).—*Westrumb*, 1821a, 3.

miliarius *Zenker*, 1832a, 18, figs. 7, 45 [nv.].—*Dies.*, 1851a, 7 (to *Gregarina*).—*Duj.*, 1845a, 542 (in *Asacus fluv.*).—*Greef*, 1864a, 98–140, pls. 2–3 (s. polymorphus).—*Harz*, 1881c, 2.—*Kaiser*, 1893a, 1; 1893b, 23, 133.—*Leuck.*, 1876, 735, 813, figs. 353, 356.—*Lûche*, 1905b, 281, 339 (so. *filicollis*, *minutus*); 1911a, 29; 1912, v. 1, 276, 286.—*Marval*, 1905a, 263, 265 (so. *f.*).—*Nev.-Lem.*, 1912a, 846.—*Olss.*, 1893a, 32.—*Porta*, 1904, 4; 1905, 184–185, fig. 37, and 199, 202 (s. *diffluens*, *astaci-fluviatilis*, *gibbosus*, *atherinæ*, *acanthosoma*, *rubicundus*, *Gregarina diffluens*) (in *Anguilla vulg.*, *Atherina hepsetus*, *Cyclopterus lumpus*, *Gobius jozo*, *Platessa flesus*, *P. passer*, *Trachinus draco*, *T. vipera*).—*Sieb.*, 1835, 64 (in *Gammarus pulex*).—*Stoss.*, 1885b (c), 162–163, pl. 5 fig. 21 (in *A. v.*, *G. j.*); 1898, 140.

miniatus *Linst.*, 1896a, 12–13, figs. 24–28 (in *Anas sp.*; *Coll. Mich.*).—*Lûche*, 1905b, 339.—*Marval*, 1905a, 234, 239, 240 (so. *anatis* *Gœze*).

minutus *Zed.*, 1800a, 142–143, for *minutus*, *coccineus ovatus* of *Gœze*, 1782a, 163–165, pl. 13 figs. 1–2 (in *Anas fuscus*, *Turdus atricapilla*; by *Gœze*; 1803a, 158 (in *A. f.*, *Fulica chloropus*, *T. a.*).—*Baird*, 1853a, 62 (so. polymorphus) *Dies.*, 1851a, 50 (so. *p.*).—*Jassoy*, 1820a, 20–21 (in *A. f.*, *F. c.*, *T. a.*).—*Lam.*, 1816, 199–200.—*Lûche*, 1905b, 171, 209, 243, 252, 255–257, 276, 304, 326 (cf. *boschadis*, *anatis* *Gmel.* et *Frœl.*, *p.*, *miliarius*), 339 (cf. *diffluens*, *mil.*).—*Marval*, 1905a, 234, 235, 265 (so. *anatis* *Gœze*).—*Nordm.*, 1840, 643–644 (s. *versicolor*, *minutus coccineus*, an. *Gmel.*, *merula*).—*Olffers*, 1816a, 51.—*Rud.*, 1809a, 295–296 (s. *minutus coccineus*, b. *Schrank*, an. *Gmel.*, *mer.*) (in *A. fusca*, *Ful. chl.*, *T. at.*); 1814, 96–97; 1819a, 74 (cf. *vers.*).—*Villot*, 1875, 472 (so. *p.*).—*Westrumb*, 1821a, 33 (so. *p.*).

minutus coccineus etc., *Rud.*, 1809a, 295 (see *m. c. ovatus* *Gœze*, 1782a, 164, pl. 13 fig. 1–2).—*Baird*, 1853a, 62 (so. polymorphus).—*Lûche*, 1905b, 281.—*Marval*, 1905a, 234, 236, 265 (so. *anatis* *Gœze*).—*Nordm.*, 1840, 644 (so. *minutus*).

minutus, coccineus, ovatus *Gœze*, 1782a, 164–165 (in *Anas fuscus*, *Turdus atricapilla*; by *Gœze*).

mirabilis *Polonio*, 1859 [nv.].—*Par.*, 1894a, 254, 627 (in *Hyla viridis*, *Rana escul.*).

monechinus *Linst.*, 1902a, 229–230, figs. 27–28 (in *Myrmecophaga* (*Myrmecophila*) *quadridentata*; *Coll. Breslau*).

moniliformis *Brems.*, in *Rud.*, 1819a, 71, 324–325 (in *intest. Arctomys cricetus*, *Mus arvalis*; *C. E. V.*); cf. [1811, 26]; 1824c, pl. 6 figs. 21–22. —*Anders.* 1903a, 1258 (in *Homo* and *rats*).—*Braun*, 1895b, 250; 1903a, 310; 1906a, 345; 1908a, 348; 1915a, 373.—*Brumpt*, 1910a, 478; 1913a, 539.—*Caland.*, 1890a, 114–117; 1889a, 6, 8–9 (in *Blaps gigas*, *B. mucronata*, *H.*; *Sicily*).—*Chapman*, 1874b, 76.—*Cobbold*, 1866b, 13 (in *Otis houbara*); 1879, 315.—*Dewitz*, 1892b, 180.—*Dies.*, 1851a, 36 (in *Cricetus vulg.*, *Falco cinereus*, *Lemmus arvalis*, *Mus fuscirostris*, *Mustela putorius*; *Central Africa*, *M. C. V.*).—*Duj.*, 1845a, 503 (in *Arvicola arvalis*, *Arct. cr.*, *C. vulg.*, *F. c.*; *E. Europe*, *Mus. Wien*).—*Dungl.*, 1893, 361, *F. S.*, & *T.*, 1916a, 475, 477, 478.—*Hempel.*, 1912a, 109.—*von Ihering*, 1902a, 45, 46, 47 (in *M. sp.* *Periplaneta americana*, *P. orientalis*).—*Kaiser*, 1893a, 2, 10–11, 26, 29, 35, 41, 72, 73, 75, 76, 96, 100, 101, 102, 103, 104,

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moniliformis—continued.

- 107, 119, 120; 1893b, 6, 12, 13, 29, 81, 84, 85, 86, 92, 94, 95, 96, 99, 100, 103, 104, 105, 123, 126, 127, 130, 131, 135, pl. 2 fig. 12 pl. 6 fig. 31–34 pl. 8 figs. 39, 14, 19–22, 34, pl. 9 fig. 68, 69, pl. 10 fig. 9.—Kholodk., 1899a, 171.—Leuck., 1876, 744.—Linst., 1878a, 20 (in *Cr. frumentarius*, *Mus fuscirostris*).—Lûche, 1905b, 154, 257–258, 306, 342 (in *Cr. cricetus*, *Microtus arvalis*).—Marval, 1905a, 206, 213, 307, 365.—Magal., 1900, 45.—Moniez, 1896, 238, 417–418.—Mosler & Peiper, 1894, 318.—Nev.-Lem., 1902a, 131; 1908a, 515.—Rail., 1893a, 568 (to *Gi. gantor.*).—Saunders, 1914, v. 14, 132, 138.—Schneidem., 1896a, 325.—Seur., 1911, v. 3 (1), 14–16, 1 fig. (in *hérissou*); 1911, 3 pp.; 1912, v. 72, 62–63 (in *Blatta*).—Shipley, 1896, 183; 1900, 439; 1901b, 183.—Sl. & Sw., 1912a, 414.—Stiles, 1914, v. 2, 297.—Stiles & Hass., 1894e, 352 (in *Sciurus niger*).—Stoss., 1899, 2 3.—Ward, 1917, J.P. v. 3, 182.—Westrumb, 1821a, 25, pl. 1 figs. 3, a, b, pl. 2 figs. 21–24, 48–52, 56.—Also reported for *Canis fam.*, *Mus decumanus*, *M. rattus*, *Myoxus quercinus*, *Sciurus vulpinus*.
- monticellii* Porta, 1904a, 3–4, figs. 4–6 (in *pesce teleosteo*; Wimereaux); 1905, 180–181, fig. 23, a–c (in *P. t.*).
- morinelli* Rud., 1819a, 78 (in *Charadrius morinellus*; C. E. V.).—Dies., 1851a, 31 (so. *lancea*).—Lûche, 1905b, 258, 325.—Marval, 1905a, 296 (so. l.).—Westrumb, 1821a, 26 (so. l.).
- motacillæ-atricapillæ* Rud., 1819a, 77 (in *Motacilla atricapilla*; C. E. V.).—Dies., 1851a, 42 (so. *fasciatus*).—Lûche, 1905b, 205, 258–259.—Marval, 1905a, 249, 251 (so. *cylindraceus*).—Westrumb, 1821a, 27 (so. f.).
- muræne* Westrumb, 1821a, 42 (so. *eperlani*) (error for *marænæ*).—Lûche, 1905a (b), 259.
- muræna* Bosc, 1802a, v. 2, 10 (in la *murène*, cf. *Osmerus eperlanus*; Martin, 1780).—Lûche, 1905a (b), 259, 331 (cf. *Acanthrus sipunculoides*).
- muriei* Cobbold, 1879b, 427 (in *Balænoptera musculus*; by Murie).
- muris* Schrank, 1788a, 21 (in *Mus musculus*; by Borke, cf. Gœze, 1782a, 133, pl. 9B fig. 12).—Dies., 1851a, 54 (s. *Pseudoechinor.*, *Hæruca muris*) (in *M. m.*).—Duj., 1845a, 502–503.—Linst., 1878a, 22 (in *M. m.*).—Lûche, 1905b, 150, 259–260, 321 (=type of *Ps.=H.=Cysticercus fasciolaris*).—[Muell., 1877a, 56].—Porta, 1908, 282 (so. c. f.) (in *M. m.*).—Rud., 1809a, 302–304 (s. *P.*, *H. m.*, *H. musculi*, *H.*) (in *M. m.*).—1819a, 76 (in *M. m.*).—Stiles, 1906 (25), 44.—Stiles & Stev., 1905a, 11 (so. *Tænia teniaeformis*).—Westrumb, 1821a, 39–40.
- muscipapæ* Rud., 1819a, 77 (in *Muscipapa collaris*; C. E. V.).—Dies., 1851a, 34 (so. *dimorphoc.*).—Lûche, 1904f (1905b), 199–200, 205; 1905a (b), 260–261 (so. d.).—Marval, 1905a, 250, 251 (so. *cylindraceus*).—Westrumb, 1821a, 17 (renamed *dimorphocephalus*).
- mustelæ* Rud., 1819a, 75–76, 335 (in *Mustela vulg.*; *Mus. Wien.*).—Dies., 1851a, 22 (so. *napeiformis*).—Lûche, 1905a (b) 261 (in *M. v.=Putorius (Ictis) nivalis*).—Westrumb, 1821a, 39.
- mutabilis* Rud., 1819a, 669–670 (in *Ardea egretta*, *A. nycticorax*, *A. virescens*, *Platalea ajaja*, *Sterna minuta*; Brazil).—Dies., 1851a, 45 (so. *striatus*).—Lûche, 1904f (1905b), 206, 234; 1905a (b) 261–263, 308, 323.—Marval, 1905a, 318, 321 (so. st.).—Westrumb, 1821a, 30 (so. st.).
- mysticeti* Ben., 1870a, 348 (in *Balæna mysticetus*; Phipps, 1775).—Cobbold, 1879b, 427 (probably so. *porrigens*).
- napeiformis* Rud., 1802a, 47–48 (*Hæruca erinacei* renamed) (in *Erinaceus europæus*; by Rud.); 1809a, 254–255 (s. *H. e.*) (in *E. e.*); 1819a, 64 (in *E. e.*; Greifsw.).—Cobbold, 1879b, 295.—Dies., 1851a, 22 (s. *subcutaneous*, *citilli*, *mustelæ*, *kerkoides*, *H. e.*) (in *Arctomys citillus*, *E. e.*, *Mustela vulg.*; G., M. C. V.).—Duj., 1845a, 500 (dans le cœcum d'un *hérissou*; G. Wien).—Linst., 1878a, 15 (in *E. e.*).—Lûche, 1904f (1905b), 202, 203; 1905a (b) 263 (see *erinacei*) (= *H. e.*).—Olfers, 1816a, 50.—Porta, 1908, 280 (so. e.).—Seur., 1913, 130.—Westrumb, 1821a, 8.—Zed., 1803a, 150 (in *E. e.*).—Also reported for *Fœtorius vulg.*, *Spermophilus citillus*.
- nardoi* Mol., 1859h, 15 (in *Belone acus*; Padua).—Linst., 1878a, 234 (in *B. a.*).—Porta, 1905, 192–193, 203, fig. 35, a–c (in *B. a.*).
- ninnii* Stoss., 1891d (e), 112 (4), pl. 1 fig. 5 (in *Putorius vulg.*; Venice).—Also reported for *Fœtorius putorius*.
- nitzschi* Gieb., 1866a, 87–88 (in *Balistes aculeatus*; by Gieb.).—Porta, 1905, 198 (in *B. a.*).

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- nodosus* Rud. — Wyman, 1843a, 95-96 (in *Labrax lineatus*), 97 (? for *nodulosus*).
nodulosus Schrank, 1790a, 124 (in *Silurus glanis* [t. h. is *Cyprinus dobula*; teste Zed.]); 1803, 219-220.—Baird, 1853a, 63 (= *proteus*).—Bellingh., 1844, 257.—Bennet & Olivier, 1826a, 35 (in *C. barbi*, *C. idus*, *C. jesus*, *C. brama*).—Brems., 1824a, 131.—Burma., 1856a, 219.—Cobbold, 1879b, 475, fig. 84, 2, 3.—Crep., 1839, 284.—Dies., 1851a, 52 (so. p.).—Fisch., 1840, 156.—Hoier, 1904a, 232, fig. 155.—Kaiser, 1893b, 1.—Krøyer, 1838-40a, 609; 1843-45a, 184; 1846-53a, 333, 349, 367, 387, 410, 434, 462, 471, 537; 1852-53a, 1222, 1223, 1224, 1225 (in *Abramis brama*, *A. vimba*, *Barbus fluvi.*, *Gobio fluvi.*, *Lota vulg.*, *Leuciscus erythrophth.*, *L. idus*, *L. dobula*, *Phoxinus phox.*, *Tinca vulgar.*).—Lühe, 1904f (1905b), 181, 183, 232, 237; 1905a (b), 263-264, 372, 313 (= p.) (so. *laevis*).—Oliere, 1816a, 51.—Porta 1905, 193 (so. p.).—Rud., 1802, 61-62; 1809a, 262, 287-290, 312, 313, pl. 4 fig. 4 (s. *laevis*, *annularis*, *salmonis-truttæ*) (in *Cyprinus jesus*, *C. dobula*, *C. vimba*, *C. erythrophth.*, *C. tinca*, *C. brama*, *Gadus callarias*; by Zed.); 1819a, 72-73, 80, 81, 328-329, 672 (in *C. b.*, *C. b. r.*, *C. idus*, *C. j.*, *C. phoxinus*, *C. d.*, *C. e.*, *C. g.*, *C. t.*, *C. v.*, *G. c.*, *G. lota*, *Greifsw.*, *C. E. V.*).—Westrumb, 1821a, 37, 52 (so. p.).—Zed., 1800a, 110-111 (in *intestinis Cyprinorum*, *praesertim dobulae*), 134-137 (s. *dobulae*) (in *C. d.*; by Goeze); 1803a, 156 (in *C. d.*).
novellæ Par., 1890d, 396-398 (1-3), figs. 1-4 (in *Artibeus perspicillatus*; Porto Rico).—von Ihering, 1902a, 45 (in *A. sp.*).—Porta, 1908, 269 (in *A. p.*; Brazil).
nyctæ Marval, 1904, 573; 1905a, 217, 219 (so. *aluconis*).—Lühe, 1905a (b), 264-265 (for *nyctæ*).
nyctæ Schrank, 1788a, 22-23 (in *Strix stridula*; Goeze, 1782a, 153, pl. 11 figs. 8-12).—Dies., 1851a, 37 (so. *tuba*).—Cond.-Franc., 1892, 225.—Lühe, 1904f (1905b), 163, 169, 216, 218; 1905a (b), 265, 308, 320 (cf. *nyctæ*, *strigis*).—Rud., 1809a, 275 (so. *t.*).—Westrumb, 1821a, 23 (so. *t.*).
obesus Linst., 1902a, 229, figs. 21-23 (in *Oriolus sp.*; S. A.).—Marval, 1905a, 204, 211, 307-308, pl. 4 figs. 153-155; 1905b, 307 (in *O. sp.*).
obligacanthus Shipley, 1903l, 149 (misprint for *oligacanthus*).
obliquus Duj., 1845a, 515 (in *Certhia fam.*; Rennes).—Dies., 1851a, 38 (in *C. i.*; R.).—Linst., 1878a, 95 (in *C. f.*).—Lühe, 1905b, 207, 339.—Marval, 1905a, 250, 251, 255, 256 (so. *cylindraceus*).—Mol., 1861c, 265.
obovatus Rud., 1810a, 290 (see *ovatus*); 1819a, 73 (so. *ov.*) (in *intest. Cyprinorum*, *Esocis lucii*, *Gadi lotæ*, *Salmonis truttæ*; by Zed.).
obovatus Olss., 1893a, 37, pl. 5 fig. 77 (in *Mergus serrator*; Bergen).
œdicnemi Rud., 1819a, 78 (in *Charadrius œdicnemus*; C. E. V.).—Lühe, 1905a (1905b), 265, 325.
œdicnemonis Dies., 1851a, 31 (so. *lancea*) (for *œdicnemi*).—Marval, 1905a, 296 (so. *lancea*).
œdienemi Westrumb, 1821a, 26 (so. *lancea*) (for *œdicnemi* Rud. 1819).
oligacanthoides Rud., 1819a, 64-65, 311-312, 587, 666 (in *Coluber olivaceus*; Brazil).—Dies., 1851a, 24-25 (in *Boa constrictor*, *Bothrops jararaca*, *B. neuwiedii*, *Coluber lichtensteinii*, *Dryophylax nattereri*, *Elaps corallinus*, *Erythrophis venustissimus*, *Falco bidentatus*, *F. milvoides*, *Hydroscolop plumbeus*, *Ophis cœruleus*, *O. merremii*, *Philodryas olfersii*, *Pseudophis cinerascens*; B., M. C. V.).—Duj., 1845a, 526 (in *C. olfersii*; B.).—Fuhrm., 1908, v. 10 (1), 22, 23 (in *Busarellus Harpagus*).—von Ihering, 1902a, 46 (in *Bus.*, *Harp.*).—Linst., 1878a, 183 (in *Elaps corallinus*, *Phil. olf.*; 1888, 240.—Lühe, 1904f (1905b), 238, 239, 240; 1905a (b), 255-256 (in *C. olf.*, 265-266).—Marval, 1905a, 198, 338, 339, 340, 351, 352 (so. *Gigantor. compressus*).—Mont., 1887a, 29.—Shipley, 1903l, 149 (in *snakes*).—Westrumb, 1821a, 5.
oligacanthus Rud., 1819a, 64, 311 (in *Coluber quadrilineatus*; Florence).—Dies., 1851a, 24 (in *Elaphe quadrilineata*; Fl.).—Linst., 1878a, 189 (in *Elaphe quad.*); 1888, 241.—Lühe, 1905b, 240, 266. Marval, 1905a, 198, 338, 340, 351 (so. *Gigantor. compressus*).—Rizzo, 1902, 39 (in *Gongylus ocellatus*).—Shipley, 1903l, 149 (*obligacanthus*) (in *snakes*).—Westrumb, 1821a, 5.—Also reported for *Vipera berus*.
oncicola von Ihering, 1902a, 45 (in *Felis onca*; Bahurû, S. Paulo); 1905, AN, v. 2 (3), 49.—Porta, 1908, 269 (in *F. o.*; Brazil).
orestiæ Nev.-Lem., 1905d, 31-32 (in *Orestias tschudii*; lac Titicaca); 1905g, 258-259, fig. 2 (in *O. t.*; L. T.); 1906, in 1-140; 1909, 109-110, fig. 7.

ECHINORHYNCHUS—Continued.

- oricola* Linst., 1901e, 279, figs. 12-14 (in *Grystes salmonoides*: New York).—Porta, 1905, 170, figs. 28, a-c (in G. s.).
- orioli* Rud., 1819a, 77 (in *Oriolus galbula*: C. E. V.). (cf. E. sp. Brems., 1811, 26).—Dies., 1851a, 32 (so. sigmoideus), 55 (in *Icterus cristatus*: Brazil).—Fuhrm., 1908, v. 10 (1), 22 (in *Ostinops*).—von Ihering, 1902a, 46 (in Ost. sp.).—Lühe, 1905a (b), 266, 301 (=sig.) (in O. g.=O. oriolus).—Marval, 1905a, 205, 216, 229 (so. areolatus), 363 (in O. decumanus, O. sp.).—Westrumb, 1821a, 15 (so. sig.).
- orioli* Westrumb, 1821a, 40 [nec Rud.] (for *orioli-cristati*) (in *Oriolus cristatus*: Brazil).—Lühe, 1905b, 267 (see o.-c.).
- orioli-cristati* Rud., 1819a, 673 (in *Oriolus cristatus*: Brazil).—Lühe, 1904f (1905b), 159; 1905a (b), 266, 267 (=orioli) (in *Icterus cristatus*=*Ostinops* c.).
- otidis* Schrank, 1788a, 23 (in einer bunten Ohreule, Asia otus; Gøze, 1782a, 154, pl. 11 fig. 13).—Dies., 1851a, 38 (so. æqualis).—Gmel., 1790a, 3045 (in *Pisorhina scopis*).—Lühe, 1905b, 163 (cf. æq.), 267-268. —Marval, 1905a 217, 219 (s. aluconis).—Rud., 1809a, 277 (so. æq.).—Westrumb, 1821a, 23 (=æq.).
- otidis* Marval, 1905a, 213, 305-307, 334, 355, pl. 1 figs. 41-42, pl. 2 figs. 41-44a, 59 (for *otidis-houbaræ*) (in *Houbara macqueenii*, Otis sp.).
- otidis-houbaræ* Dies., 1851a, 56 (in *Otishoubara*: Switz.).—Miesch., 1841, 75-76).—Linst., 1878a, 136 (in O. h.); 1879, 337; 1889, 50. —Marval, 1905a, 204, 305 (so. otidis).—Schinz, 1841, 75-76.
- ovatus* Zed., 1800a, 118, 137 139 (in *peritoneo piscium Cyprinorum*, Esoc. lucii, Salmon. Trutta: by Zed.); 1803a, 157 (in *Cyprinus*, Esoc. lucius, Gadus lota, Salmo trutta).—Baird, 1853, 64 (so. proteus).—Crep., 1839, 284. —Dies., 1851a, 52 (so. p.); 18 59, 741-742. —Krøyer., 1838-40a, 609; 1843-45a, 184; 1846-53a, 253; 1852-53a, 1221 (in E. l., Lot. vulg.).—Lühe, 1904f (1905b), 153, 237; 1905a (b), 268-269, 302, 313 (cf. lævis).—Porta, 1905, 193 (so. p.); Rud., 1809a, 290-291 (in C., E. l., G. l., S. t.); 1819a, 73 (so. obovatus) (in C., E. l., G. l., S. t.).—Westrumb, 1821a, 37 (so. p.).
- ovatus* Leidy, 1850b, 97 (in *Felis leopardus*; by Leidy); 1856b, 48 (so. campanulatus); 1904a, 32-33, 91. —Linst. 1878a, 31 (in F. pardus).—Porta, 1908, 269 (so. pardalis).
- ovocristatus* Linst., 1897i, 34, pl. 5 figs. 25-26 (in *Centetes ecaudatus*: Madagascar).—Porta, 1908, 268-269 (in C. e.; M.).
- pachyacanthos* Sons., 1889c, 231 (for *pachyacanthus*).
- pachyacanthus* Sons., 1889c, 228-229, 231-232 (also *pachyacanthos*) (in *Canis aureus*, *Megalotis cerdo*: Egypt; 1895, 124. —Linst., 1889a, 138 (in C. a.). —Marval, 1905a, 210, 365. —Porta, 1908, 277 (so. Gigantor. hirundinaceus).
- pachysomus* Crep., 1839a, 284 (s. salmonis) (in Lachs; by Crep.).—Cobbold, 1879b, 477 (in Salmonidæ).—Dies., 1851a, 41 (s. s., inflatus, fusiiformis).—Duj., 1815a, 539-540 (in *Salmo salar*: Greiſw.) (s. s., infl.).—Hoier, 1904a, 235 (in *Trutta salar*).—Kaiser, 1893b, 3, 134. —Krøyer., 1838-40a, 615 (in S. s.). —Linst., 1878a, 264 (in T. s.).—Lühe, 1905b, 298, 339 (=s. 1784).—Müeh., 1898, 55. —Olss., 1893a, 33 (in *Coregonus lavaretus*, *Zoarces viviparus*). —Porta, 1904, 2-3 (in T. f.); 1905, 158, 172-173, 202, fig. 25 a-c (s. s., infl.) (in C. l., T. f., T. s.).—Schneid., 1903, 26.
- pardalis* Westrumb, 1821a, 39 (in intest. *Felis pardalis*: Brazil).—Dies., 1851a, 22 (so. campanulatus).—Lühe, 1905b, 159, 166, 269 (=c.).—Porta, 1908, 269 (in F. concolor, F. onça, F. mellivora, F. mitis, F. pardus, F. tigrina; B.).
- pardi* Huxley, [nv.].—von Ihering, 1902a, 45 (in *Felis* sp.).—Porta, 1908, AdP, v. 12, 282 (in F.).
- pari* Rud., 1819a, 77 (in *Parus major*: C. E. V.).—Dies., 1851a, 55 (in P. m.; M. C. V.).—Linst., 1878a, 96 (in P. m.).—Lühe, 1905b, 269. —Marval, 1905a, 205, 216, 363 (in P. m.).—Westrumb, 1821a, 41.
- paronai* Cond.-Franc., 1898a, 2, 4, 15, 17 (in intest. *Gobius avernensis*: Rome).—Porta, 1905, 164-165, 202, fig. 11, a, b (in G. a.).
- parvus* Fuhrm., in Wolffh., 1900a, 10, 18, 19, 45, 46 (in *Cuculus canorus*, *Coccothraustes vulg.*, *Sturnus vulg.*, *Turdus merula*: Europe).—Lühe, 1905b, 206, 339. —Marval, 1905a, 249, 251 (so. cylindraceus).

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- patani* Shipley, 1903l, 149-150, 156, pl. 16 figs. 9-10 (in *Dipsadomorphus dendrophilus*; Patan; Lower Siam).—Porta, 1911, 378.
- paucihamatus* Leidy, 1891a, 413 (in *Micropterus nigricans*; Leidy); 1904a, 234.
- pellucidus* Leuck., 1828a, 23, fig. 6, a-b [nv.].—Ben., 1870, 359.—Cobbold, 1879b, 428.—Dies., 1851a, 44.—Leidy, 1891a, 413 (in *Mesoplonodon sowerbiensis*).—Linst., 1878a, 60 (in *Delphinus delphis*).—Mol., 1861c, 268.—Mont., 1900c, 37; 1905, 1, 2, 3 (so. *aurantiacus*) (in D. d.).—Porta, 1904, 3 (so. a.); 1905, 181, 183 (so. a.); 1906, 267, 269 (in D. d.); 1908, 273 (so. *Bolbosoma aurantiacum*).—Shipley, 1899, 264, 265, 268, fig. 4.—Stiles & Hass., 1894e, 352 (in M. s.).—Villot, 1875, 467 (in D. d.).
- perca* Gmel., 1790a, 3048 (in *Perca fluvi.*; Pall., 1766, 415, and Müell., 1780, v. 1, 205).—Baird, 1853a, (= *angustatus*).—Bennet & Olivier, 1826a, 35.—Bosc, 1802a, v. 2, 9.—Dies., 1851a, 43 (so. ang.).—Lühe, 1905b, 153, 164, 246, 269-272 (cf. *affinis*, ang.).—Porta, 1905, 174 (so. ang.).—Rud., 1793a, 21; 1809a, 268 (so. aff.).—Westrumb, 1821a, 26 (of *Zed.* so. ang.).—Zed., 1800a, 126-128.
- perca-cernuæ* Brug., 1791a, 110, pl. 38 figs. 6-9 (in *Perca cernua*; quotes Müell.).—Lühe, 1905b, 272 (in P. c. = *Acerina c.*).—Viborg, 1795, 243 (in P. c.).
- perca-fluviatilis* Viborg, 1795, 244 [nv.].—Lühe, 1905a (b), 272.
- perforator* Linst., 1908, v. 3, 4-5, pl. 1 figs. 5-8 (intest. *Diptychus dybowski*. *Schizothorax pseudoaksaiensis issykkuli*. *Squalius schmidtii*; Issyk-Kul-See); 1910, AN (for 1907), v. 2 (3), 36 (in D. d., S. p. i., S. s.).—Lühe, 1912, v. 1, 273.
- phoca* (Fabr., 1780) Gmel., 1790a, [3030.] 3044 (in *Phoca groenlandica*, P. hispida, P. vitulina; Müell.; Fabr.; Gœze, 1782a, 73, pl. 2 figs. 9-10).—Bosc, 1802a, 5.—Duj., 1845a, 274 (so. *Ophist. dispar*).—Lühe, 1905b, 272 (cf. *Asc. neitsil*).—Rud., 1809a, 119 (= O. d.).—Zed., 1803a, 160 (in P. g., P. h.).
- phoca-vitulina* Viborg, 1795, 243 [nv.].—Lühe, 1905b, 272 (in *Phoca vitulina*) (so. *strumosus*).
- phoca-vitulinae* Viborg, 1795, 243 [nv.].—Rud., 1809a, 294 (so. *strumosus*).
- phoenix* Schneid., 1903b, 4, 22, 23, 24, 25-27, fig. 10 (in *Abramis vimba*, *Anguilla vulg.*, *Clupea harengus membras*, *Coregonus lavaretus*, *C. widegreni*, *C. albula*, *Esox lucius*, *Gadus morrhua*, *Leuciscus idus*, *Pleuronectes flesus*, *Rhombus maximus*, *Salmo salar*, *S. trutta*, *Zoarces viviparus*; ? larva in *Pontoporeia affinis*; Gulf of Finland) (s. *pachysomus* of Kessler).
- physocoracis* Porta, 1913, N. v. 1 (3), 167-168, pl. 6 figs. 1a-lf (in *Physocorax moneduloides*; New Caledonia).
- picæ* Rud., 1819a, 76 (in intest. *Corvi picæ*; C. E. V.).—Dies., 1851a, 27 (so. *teres*).—Cond.-Franc., 1893, 80.—Lühe, 1905b, 272, 313 (so. t.).—Marval, 1905a, 328, 330 (so. t.).—Westrumb, 1821a, 18 (renamed *teres*).
- pici* Gmel., 1790a, 3045 (*cylindraceus* renamed) (in *Picus erythrocephalus*, P. *viridis*; Gœze, 1782a, pl. 11 fig. 1).—Bosc, 1802a, v. 2, 6 pl. 11 fig. 1 (intest. du pic à tête rouge et du pic vert).—Brug., 1791a, 108, pl. 37 figs. 8-12. A (in *Pici erythrocephali et viridis intestinis*).—Dies., 1851a, 42 (so. c.).—Lühe, 1905b, 206, 272.—Marval, 1905a, 249, 251, 253 (so. c.).—Rud., 1809a, 272 (= c.).—Westrumb, 1821a, 27 (= c.).
- pici-collaris* Leidy, 1904a, 91 (for *pici-collaris*).
- pici-collaris* Leidy, 1850b, 98 (in *Picus collaris*; lng.); 1856b, 48 (renamed *manifestus*); 1904a, 33, 91 (*pici-collaris*) (in P. c.).—Lühe, 1905b, 239, 339 (= m.).—Marval, 1905a, 337, 339, 348 (so. *Gigantor. compressus*).
- pigmentatus* Fuhrm., in Wölflh., 1900a, 10, 23, 25, 26, 27, 28, 29 (in *Corvus corone*) [nomen nudum except for host].
- pigmentatus* Marval, 1902a, 419-420 (in *Corvus corone*) (s. *pigmentatus*, 1900); 1905a, 250, 251, 260 (so. *cylindraceus*).—Lühe, 1905b, 206, 339.
- pyriformis* Marval, 1904, 579 (for *pyriformis* Brems.); 1905a, 201, 210, 281, 308-310, 319, pl. 1 figs. 29, 30, 35, 36 (in *Turdus merula*).—Elmhirst, 1912, 90 (in T. m.; Scotland).—Lühe, 1905b, 273, 289 (= *pyrif.*).—Rennie, 1907, 443, 444, 445, fig. 2; 1909, 41, 42, 43, fig. 2 (in T. m.).
- pisces* Zed., 1800a, 132-134 (in *Darmkanal aller hiehländischen Karpfenarten, der Lachsforelle, des Aals und der Aalraupe* (*Gadus lota*); by Zed.).—Baird, 1853a, 63 (so. *proteus*).—Dies., 1851a, 52 (so. pr.).—Lühe, 1905b, 237, 264, 273, 313 (so. *lævis*).—Porta, 1905, 193 (so. pr.).—Rud., 1809a, 285 (= *tereticollis*).—Westrumb, 1821a, 37 (so. pr.).

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- plagicephalus* Westrumb, 1821a, 17 (s. *hudsonis*, *rutheni*). pl. 1 fig. 10 (in *Acipenser huso*, *A. ruthenus*; Wien).—Dies., 1851a, 35 (s. *h.*, *r.*); 1859, 746.—Duj., 1845a, 542.—Hofer, 1904a, 235 (in *A. r.*, *A. sturio*).—Linst., 1878a, 275 (in *A. glaber*); 1901, 277.—Lühe, 1905b, 162, 273 (s. *h.*, *acipenseris*, *r.*); 1911a, 22, 58–59, figs. 78–79 (in *A. g.*, *A. h.*, *A. r.*, *A. stellatus*, *A. s.*).—Müll., 1858, 142; 1861c, 263–264, pl. 8 figs. 4, 10 (in *A. g.*, *A. h.*, *A. r.*, *A. s.*).—Müch., 1898, 55.—Porta, 1905, 168–169, 202, fig. 21 (s. *h.*, *r.*) (in *A. g.*, *A. h.*, *A. r.*, *A. stel.*, *A. stur.*).—Skrj., 1913, 410.—Stoss., 1890, 44; 1898, 138–139 (in *A. stur.*; Trieste).
- platessæ* Rud., 1809a, 310 (in *Pleuronectes platessa*; Müell., 1780, 207); 1819a, 79–80 (in *P. p.*).—Dies., 1851a, 57.—Linst., 1878a, 246 (in *Platessa vulg.*).—Lühe, 1905b, 273.—Porta, 1905, 174 (so. *angustatus*).—Westrumb, 1821a, 42.
- platessoida* Bosc, 1802a, v. 2, 9 (for *platessoidæ*; quotes Müell., pl. 74 fig. 5; in *plie*).—Lühe, 1905b, 274 (so. *platessoidæ*).
- platessoidæ* Gmel., 1790a, 3048 (for *Asc. pleuronectis*) (in *Pleuronectes platessoides*; Greenland).—Dies., 1851a, 57 (so. *pleuronectis-platessoides*).—Lühe, 1905b, 274, 332.—Rud., 1809a, 310 (so. *pl.-plat.*); 1819a, 80 (in *P. p.*).—Westrumb, 1821a, 42.—Zed., 1803a, 162 (in *P. p.*).
- platessoidæ* Bennet & Olivier, 1826a, 35 (in *Pleuronecta platessa*).
- platessoidis* Porta, 1905a, 196 (for *platessoidæ*) (so. *pleuronectis-platessoidis*).
- pleuronectes* Bosc., 1802a, 9 (for *pleuronectis*).—Lühe, 1905b, 274–275.
- pleuronectis* Gmel., 1790a, 3047 (in *Pleuronectes maximus*, *Rhombus maximus*; Müell., 1780, 150).—Lühe, 1905b, 274–275 (s. *pleuronectes*, *pleuronectis-maximi*) (in *Rhombus maximus*; by Müell.).—Rud., 1809a, 310.—Westrumb, 1821a, 41 (= *pl.-max.*).
- pleuronectis-maximi* Rud., 1809a, 310 (for *pleuronectis*) (in *Pleuronectes maximus*; Müell., 1780b, 150); 1819a, 79.—Dies., 1851a, 57 (in *Rhombus maximus*).—Linst., 1878a, 244 (in *R. m.*).—Lühe, 1905b, 159 (*pleuronectes-maximi*), 275 (so. *pl.*).—Porta, 1905, 196 (in *R. m.*).—Westrumb, 1821a, 41.
- pleuronectis-platessa* Viborg, 1795, 243 (in *Pleuronectes platessa*) [*nv.*].—Lühe, 1905b, 275.
- pleuronectis-platessoidæ* Rud., 1809a, 310–312 (*Asc. pleuronectis* renamed); (s. *platessoidæ*, *Proboscidea pleuronectis*) (in *Pleuronectis platessoidæ ventriculo*; by Fabr.).—Lühe, 1905b, 274, 275 (s. *plat.*).
- pleuronectis-platessoides* Dies., 1851a, 57 (s. *pl.-platessoidæ*, *Asc. pleuronectis*) (in *Pleuronectes platessoides*; by Müell.).—Linst., 1878a, 245 (in *Platessa flesus* Cuv.) (*pl.-platessoidis*).
- pleuronectis-platessoidis* Linst., 1878a, 245 (for *pl.-platessoidæ*) (in *Platessa flesus*).—Porta, 1905a, 196 (s. *Asc. pleuronectis*, *platessoidis*) (in *Platessa flesus*).
- plicatus* Linst., 1883a, 304–305, fig. 46 (in *Emberiza caniceps*, *Petroeca cyanea*, *Saxicola oenanthe*, *Turdus merula*; Turkestan); 1889a, 35.—Marval, 1905a, 204, 209, 210, 211, 311–312, pl. 4 figs. 145, 146 (in *Elainea caniceps*, *P. gracilis*, *S. o.*, *T. m.*, *Pratincola rubicola*).
- polyacanthoides* (rep., 1825a, 24–25 (in *Falco milvus*; by Barkow); 1829b, 45.—Dies., 1851a, 20 (so. *globocaudatus*).—Duj., 1845a, 506.—Cond.-Franc., 1892, 225.—Gurlt, 1845 (so. *aluonis*).—Lühe, 1905b, 169, 340; 1911a, 41.—Marval, 1905a, 218, 219, 226.—Mehl., 1831, 169–171.
- polyacanthus* Crp., 1825a, 22–24 (in *intestino Falconis fusceatri*; by Schill.); 1829, 45–48.—Cond.-Franc., 1893, 79, 80.—Dies., 1851a, 31 (so. *caudatus*).—Duj., 1845a, 506–507.—Lühe, 1905b, 169, 340; 1911a, 41.—Marval, 1905a, 240, 241, 244 (so. *buteonis*).—Mingazzini, 1900, 154.—Rizzo, 1902, 38–39 (in *Coluber viridiformis*, *Lacerta viridis*, *L. agilis*, *Scps chalcides*, *Trepidenotus natrix*).—Sieb., 1839, 160.
- polymorphus* Brems. in Rud., 1819a, 672 (cf. *filicollis*, *versicolor*).—Andrés Angulo, 1878, 585.—Bail., 1866b, 88.—Baird, 1853a, 62 (s. *anatis-mollissima*, *borealis*, *fil.*, *minutus coccineus*, *anatis-boschadis*, *boschadis*, *anatis* Gmel., *merula*, *minutus*, *vesiculosus*, *constrictus*, *tenuicollis*, *collaris*, *vers.*, *anatum*, *Sipunculus lundix*).—Braun, 1891b, 375–380.—Crp., 1839, 285; 1846, 138 (in *Anser ægyptiacus*).—Dewitz, 1892b, 179, fig. 141.—Dies., 1851a, 49–50 (s. *anatis* Gmel., *bor.*, *torquatus*, *boschadis*, *an.-mol.*, *ten.*, *ves.*, *col.*, *constrictus*, *min.*, *vers.*, *fil.*, *S. l.*); 1859, 750.—Duj., 1845a, 523–525.—Fiebiger, 1912a, 305.—Fourm., 1883, v. 7 (1), 53–55 (encystation).—Geddes, 1903,

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- 60.—(Greef, 1864a, 98–140, pls. 2–3.—Grimm, 1872.—Hamann, 1892d, 195.—Hempel., 1912a, 109.—Hut. & Mar., 1906a, 409: 1910b, 516: 1913a, 2, 518.—Jassoy, 1820a, 1–28.—Kaiser, 1893a, 1, 20, 24, 38, 89, 107, 118, 125: 1893b, 2, 17, 29, 41, 42, 59, 74, 79, 92, 108, 110, 117, 126, 127, 133, 145, 147.—Kowal., 1894, 7: 1896d, 8 (in *Fuligula marila*: Dublany).—Leuck., 1876a, 735, 742, 744, 745, 772, 776, 792, 804, 808, 813, 817: 1879a, 102: 1886d, 76.—Linst., 1878a, 139 (in *Astacus fluvi.*, *Gallinula chloropus*): 1889a, 112: 1901, 277: 1903, 277: 1905, 359.—Lühe, 1905b, 151, 166, 171, 208, 210 (pars cf. *anatis* Schrank nec Gmel.), 243, 275–282, 304, 307, 311, 326, 340 (pars Brms. of Marval n. sp.?, pars cf. fil.).—Luther, 1904, v. 31, 31 (in *Gammarus locusta*): 1906, v. 30, 30–31, 217: 1907, v. 14 (6), 165.—Marot, 1, 1899, 300.—Marval, 1905, 201, 234, 236, 237, 238, 239, 240, 263, 265, 266, 269, 270, 321, 322, 323, 327 (pars so. *anatis*, pars of fil.).—Mol., 1861c, 272.—Mordw., 1908, v. 13 (1–2), 138.—Mueh., 1898, 55.—Nev.-Lem., 1905, 32 (in *G. pulex*): 1912a, 845.—Olss., 1893a, 32 (in *Anser cinereus*).—Par., 1899, 16: 1899, 100 (s. *longicollis*) (in *Fulica atra*: Portoferrajo); 1902, 17 (s. long.) (in F. a.).—Porta, 1905, 184, 185.—Rabieaux, 1900, 19.—Rail., 1893a, 569 (s. *boschas* an. Schrank, vcs., col., vers.).—Rud., 1819a, 672.—Schlotthauber, 1860, 130.—Schneidem., 1896, 325.—Sl. & Sw., 1912a, 415.—Stiles & Hass., 1894e, 352 (in *Samateria dresseri*).—Stoss., 1891, 113 (5) (in *Cygnus olor*: Trieste); 1891, 219.—Van Cleave, 1916, 131, 132, 133.—Verrill, 1870, 179.—Villot, 1875, 472, pl. 13 fig. 12 (s. min.) (in *Tringa alpina*).—Walley, 1886, 230.—Wehrmann, 1909a, 207, 211–219, 220, 223, 229, 233, 234, figs. 2–4 (in *Anas boschas* dom., A. b.).—Westrumb, 1821a, 33–36, 45, 46, 47, 48, 49, 50, 52, 56, 58, pl. 3 figs. 8–15.—Wolfh., 1900, 10, 57, 59, 60, 61.—Also reported for *Anas boschas fera*, A. *acuta*, A. *glacialis*, A. *tadorna*, A. *leucophthalma*, A. *crecca*, A. *penderghe*, A. *sponsa*, *Anser ægyptiacus*, A. *cinereus* dom., *Cygnus* sp., *Columbus minor*, *Fuligula marila*, *P. cristata*, *F. nyroca*, *F. rufiga*, *Mergus cerynaser*.
- pomatostomi* Johnst. & Cleland, 1912, JPRS, v. 45, 111–114, 4 figs. (in *Apheloccephala leucopsis*, *Climacteris wellsi*, *Hylacola pyrrhopygia*, *Pomatostomus frivulus*, *P. rubeculus*, *P. superciliosus*: Australia).—Johnst., 1912, Emu, v. 12, 109, 110 (in A. l., C. w., H. p., P. f., P. r., P. s., *Pachyc. gilberti*: Australia).
- porrigens* Rud., 1814a, 98 (in *Balæna rostrata*: Berl. Mus.): 1819a, 71, 325–327, 587, 672, pl. 1 figs. 4–5 (in B. r.).—Barker, 1866, v. 4, 293, 294 (in *Balænoptera rostrata*).—Ben., 1870, 356.—Borgström, 1892a (1895), 1–60, figs. 1–54.—Brems., 1824c, pl. 7 fig. 1.—Cat. RCSL, 1830, 44 (in B. *mysticetus*).—Cobbold, 1866b, 13 (in B. m.): 1879b, 427.—Cr.p., 1839a, 284.—Dies., 1851a, 53–54 (s. *balæna*, *Sipunculus lendix*) (in *Balæna borealis*: M. C. V.): 1859, 751.—Duj., 1845a, 504.—Hamilton, 1915, 141 (in B. *musculus*, B. *sibbaldii*, *Megaptera longimana*).—Jægers., 1891, 128, 129, 132, 134.—Kaiser, 1893a, 2, 15–16, 21, 27, 30, 31, 32, 34, 35, 58, 60, 61, 69, 71, 76, 77, 91, 108, 111, 112, 113, 114, 115, 116, 118, 120, 124: 1893b, 6, 12, 14, 15, 16, 29, 42, 48, 51, 89, 90, 91, 92, 95, 96, 97, 99, 103, 105, 107, 126, 127, pl. 1 fig. 22, 25, pl. 6 fig. 26–28, pl. 8 fig. 37, pl. 10 fig. 14.—Leuck., 1876a, 742, 744, 745, 758, 772.—Linst., 1878a, 61 (in B. m.).—Lœnnb., 1891, 77.—Lühe, 1905b, 154, 283–287, 340 (of Kaiser cf. *turbinella*, *brevicollis*).—Marval, 1905a, 265.—Mont., 1887, 19.—Olfers, 1816a, 51.—Porta, 1906, 235 (of Kaiser, cf. *brevicollis*), 244, 245, 247, 255, 256, 260, 262, 267 (in B. *rostrata* [= *Balænoptera borealis*]), 269: 1908, 4, 5, 274 (of Kaiser so. *Bolbosoma turbinella*).—Shipley, 1896, 183: 1899, 262, 265, 266, 268, 269: 1900, 208: 1900, 439.—Westrumb, 1821a, 28–29, 47, 50, 51, 54, 55, 56, 57, 59, pl. 1 fig. 17, 18, pl. 2 fig. 25–33.
- pratertus* Mol., 1858d, 142 (in *Triton lobatus*: Padua): 1861c, 264–265, pl. 8 fig. 5 (in T. l.; p.).—Dies., 1859, 747.—Linst., 1878a, 205 (in T. l.).—Porta, 1908, 228, 229, 230 (so. *ranæ*).—Also reported for *T. punctatus*.
- pristis* Rud., 1802a, 64–65 (in *Esox belone*: [Greifsw.], by Rud.): 1809a, 299–300 (in E. b.): 1819a, 75, 333–334, 669, 672–673 (in intest. E. b., *Scomber scombrus*, *S. colias*: G., Rimini, Nap.).—Barbag. & Drago, 1903, 418 (in *Belone acus*, *S. col.*: Catania).—Dies., 1851a, 48 (so. *scombr*) (in *Belone acus*, at G.; *Coryphæna hippuris*, Brazil: *S. scom.*, at R.; *S. col.*, at N.): 1859, 570.—Duj., 1845a, 534–535.—Kroy., 1838–40a, 236: 1846–53a, 273 (in *Belone rostrata*, *S. scom.*).—Linst., 1878a, 219: 1889a, 78 (in *S. colias*): 1901, 278.—Linst., 1891,

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530–531, pl. 4 figs. 31–38; 1901, 409, 443, 453, 457, 459 (*Cynoscion regalis*, *Lobotes surinamensis*, *Palinurichthys perciformis*, *Tylosurus acus*): 1905d, 325, 329, 330, 346, 355, 368, 377, 380, 384, 387, 392, 394, 398, 401, 411, 414, 416, pl. 2 figs. 8–11, pl. 3 figs. 12–14 (in *Bairdiella chrysura*, C. r., *Dasyatis sayi*, *Fundulus majalis*, *Lagedon rhomboides*, *Leicostomus xanthurus*, *Lephopsetta maculata*, *Menticirrhus americanus*, *Microperca undulatus*, *Monacanthus hispidus*, *Orthopristis chrysopterus*, *Paralichthys alliguttus*, *Pomatomus saltatrix*, *Symphurus plagiusa*): 1907, 89; 1909 (102), 159.—Lühe, 1905b, 167, 287, 300, 312; 1912, v. 1, 278.—Mont., 1887, 25; 1905, 1 (of Zsch. = *aurantiacus*) (in *Lepidopus caudatus*).—Olliv., 1816, 51.—Porta, 1904, 3, 4 (in *Atherina hepsetus*) (of Zsch. so. aur.): 1905, 190–192, 202, fig. 51 a–c (s. *scombri*, *alosæ*, *subulatus*, *terebræ*) (in *Alosa vulg.*, *A. sardina*, *Box vulg.*, *Brama rayi*, *Belone acus*, *B. vulg.*, *Cor. hip.*, *Exocoetetes exsiliens*, *Gadus callarias*, *Lobot s. surinamensis*, *Lepidopus argyreus*, *Pelamys sarda*, *Scom. colias*, *S. scombrus*, *Thynnus vulg.*, *Tylosurus caribbaeus*).—Risso, 1826, 261.—Stoss., 1885, 163; 1886, 50; 1890, 44; 1891, 219; 1891, 113 (5) (in *Thynnus vulg.*, Trieste); 1892, 67; 1896, 135; 1898, 140; 1899, 2.—Wedl, 1855, 402–403, pl. 2b fig. 10.—Westrumb, 1821a, 32.—Zed., 1803a, 158–159 (in E. b.).

pristis tenuicornis Lint., 1891a, 531–632, figs. 39–53 (in *Lobotes surinamensis*, *Tylosurus caribbaeus*: New England); 1900, 279; 1901, 443, 453, 457.

propinquus Duj., 1845a, 533–534 (s. *globulosus*, *parva*) (in *Gobius aphya*, G. jozo, G. nigr., *Pleuronectes linguatula*, *Sciaena umbra*, *Scorpena scrofa*, *Sparus dentex*, *Sphyræna spet*, *Zeus faber*; Europe).—Barbag. & Drago, 1903, 417–418 (in *Anguilla vulg.*, G. j., G. n., *Trigla lyra*, *Umbrina cirrhosa*; Catania).—Cond.-Franc., 1898, 2, 3, 4, 15, 16–17.—Dies., 1851a, 28 (so. gl.) (in *Dentex vulg.*, G. a., G. j., G. n., *Solea vulg.*, *Sph. spet*, *Umbrina vulg.*; Rimini, Nap., Spezzia).—Krøyer, 1838–40a, 603, 612 (in G. n., S. vulg.).—Linst., 1878a, 228; 1889a, 81 (in G. j., *Trigla lineata*): 1901, 278.—Lühe, 1905b, 174, 223, 340 (s. gl.).—Mont., 1887, 25.—Mueh., 1898, 56.—Porta, 1904a, 1 (in *Gob. minutus*, *Motella mustela*, *Sol. vulg.*): 1905a, 159–160, 163, 164, 179, 202, fig. 5 a, b, c (s. gl., *scorpenæ*, *fabri*) (in *Ang. vulg.*, *Corvina nigra*, D. vulg., *Gadus euxinus*, *Gob. ap.*, G. *avernensis*, G. *cruentatus*, G. j., G. *lata*, G. *min.*, G. n., G. *paganellus*, *Labrax lupus*, *Lophius piscatorius*, Mo. mus., *Pagellus erythrinus*, *Raia asterias*, *Rhombus maximus*, *Scor. sc.*, S. sp., *Solea vulg.*, *Sphyræna vulg.*, *Trachinus draco*, *Trigla corax*, T. *cuculus*, T. *hirundo*, T. *lineata*, *Umb. vulg.*).—Sons., 1891, 261 (in Tr. cuc.).—Stoss., 1886, 49; 1887, 191; 1889, 29; 1890, 44, 54; 1898, 138; 1901, 102 (in Rh. max., Tr. hir.; Trieste).—Also reported for *Dasyatis asterias*, *Gobius ophioccephalus*.

protus Westrumb, 1821a, 37–39 (s. *annularis*, *attenuatus*, *barbi*, *bramæ*, *candidus*, *dobulæ*, *gobii*, *idbari*, *longicollis*, *lavareti*, *lævis*, *nodulosus*, *ovatus*, *piscinus*, *sphaericus*, *salmonum*, *subglobatus*, *salvelini*, *tereticollis*) (in *intestinis* *Acipenseris husonis* et *sturionis*, *Murænæ anguillæ*, *Blennii vivipari*, *Cotti scorpii*, *gobii*, *Perca cernuæ*, *fluviatilis*, *schrægeri*, *lucioepercæ*, *Siluriglansidis*, *Pleuronectis flesi*, *Gadi lotæ*, *merlangi*, *callariæ*, *Cyprini barbi*, *bramæ*, *dobulæ*, *jesses*, *idi*, *idbari*, *Gobionis phoxini*, *rutili*, *Salmonis farionis*, *salvelini*, *thymalli* et *truttæ*, *salaris*, *lavareti*, *huchonis*, *Esocis lucii* et in *peritonæo* *Cotti scorpii*), 47, 50, 51, 52, 54, 55, 56, 58, pl. 1 fig. 11–12, pl. 3 fig. 22–28.—Baird, 1853a, 63–64 (s. att., ann., bar., br., cand., dob., go., idb., lævis, long., lav., nod., ov., pisc., sph., salmonis, subgl., salv., subgl., salmonum, ter., Acanthoc. Kol., *Tænia longicollis*) (in *Platessa flesus*, *Leuciscus cephalus*).—Ben., 1870, 23.—Burm., 1837a, 527; 1856a, 219.—Cobbold, 1866b, 14 (in fish); 1873n, 672 (in trout); 1879a, 112; 1879, 475, 477; in McIntosh, 1864, 151.—Cond.-Franc., 1892, 228; 1898, 2, 3, 4, 10, 15–16.—Crep., 1839, 285.—Dies., 1851a, 51–52 (s. an., at., br., ba., c., dob., go., i., læv., la., l., nod., ov., pi., sal., sub., sph., salm., ter., tr., Ac. lav., T. l.) (in *Abramis blicca*, A. *brama*, A. *vimba*, *Acerina schretzeri*, A. *vulg.*, *Acipenser huso*, A. *sturio*, *Anguilla vulg.*, *Belone acus*, *Barbus com.*, *Cobitis barbatula*, *Coregonus wartmanni*, Cot. *gob.*, C. *scorpio*, *Cyprinus idbarus*, Es. *luc.*, *Gadus cal.*, *Gobio vulg.*, *Gobius jozo*, *Leuciscus erythrophth.*, L. *dobula*, L. *idus*, L. *jesses*, L. *rutilus*, L. *lota* com., *Lucioperca sandra*, *Merlangus com.*, *Osmerus eperlanus*, *Perca fluvi.*, *Phoxinus lævis*, *Platessa flesus*, P. *vulg.*, *Rhombus maximus*, *Salmo f.*, S. *h.*, S. *salvelinus*, S. *salar*, S. *tr.*, Sil. gl. *Thymallus vexillifer*, *Tinca chrysis*, *Zoarces viviparus*); 1859, 751.—Dewitz, 1892b, 178.—Duj., 1845a, 529–530.—Fehlmann, 1912, v. 20, 126–131, 2 figs. (so. *Pomphor. lævis*).—Hamann, 1891e, 791–792; 1892d, 195.—Hempelm., 1912a, 109.—Hofer, 1904a, 231,

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232. 233. 234. 235 (in Abr. br., A. v., *Acerina cernua*, A. schr., *Acipenser* st. Ang. vulg., *Barbus fluv.*, *Blicca bjorkna*, *Carassius vulg.*, *Cob. barb.*, *Cor. wart.*, *Cottus gobio*, *Cypr. carpio*, E. l., *Gobio fluv.*, *Idus mel.*, *Leu. rut.*, L. vulg., *Lota vulg.*, *Luc. sand.*, *Osm. ep.*, P. f., Ph. l., *Salmo h.*, *S. salv.*, *Scardinius erythrophth.*, Sil. gl., *Squalius cephalus*, *Thym. vulg.*, *Tinca vulg.*, *Trutta fario*, *T. salar*, *T. trutta*).—Kaiser, 1893a. 1. 8. 16. 25. 26. 33. 34. 37. 42. 44. 56. 61. 62. 70. 89. 91. 92. 107. 118. 119. 121. 124. 125. 126; 1893b. 2. 4. 5. 16. 22. 24. 25. 26. 27. 29. 41. 42. 48. 51. 58. 72. 73. 74. 75. 77. 78. 85. 95. 100. 110. 118. 126. 127. 133. 135. 145. 147. 148.—Kœhler, 1887a. 710–712; 1887b. 539–540; 1887d. 402.—Kowal., 1894. 227; 1894. 7.—Krøyer, 1838–40a. 578. 579. 583. 602. 605. 609. 610. 611. 612. 615. 616; 1846–53a. 446; 1852–53a. 778. 1215. 1216. 1221. 1222. 1223. 1224. 1225. 1226 (in Abr. bl., A. v., *Ac. cer.*, *Ac. st.*, *Barbus fluv.*, *Belone rostrata*, *Cob. barb.*, *Cottus sc.*, E. l., *Gadus morhua*, *Gobio fluv.*, *Leuc. d.*, *L. ery.*, L. rut., *Lota vulg.*, *Osm. ep.*, *Perca fluv.*, *Phoxinus aphy.*, *Platessa flesus*, *P. vulg.*, *Rhombus m.*, *Salmo fario*, *S. t.*, *S. sa.*, Sil. gl., *Thy. vulg.*, *Tinca vulg.*, *Z. v.*).—Leidy, 1851b. 208 (in *Labrax lineatus*); 1856b. 48; 1888d. 125; 1904a. 50. 92. 211.—Leuck., 1876a. 737. 787. 791. 792. 793. 794. 795. 800. 803. 805. 807. 813. 817. 818. 819. 824. 825. 826. 830. 834. fig. 379. 382. 383. 385–387. 394; 1879a. 102; 1886d. 76. 398.—Linst., 1878a. 207; 1889a. 71 (in *Perca fluv.*); 1894i. 350 (in *Squalius leuciscus*); 1901. 278; 1903. 277; 1908. 4. 5.—Lint., 1889. 496–498. pl. 4 figs. 3–5; 1900. 268. 280. 281. 283; 1901b. 409. 450. 455. 456. 459. 481. 490. figs. 12. 13 (in *Archosargus probatocephalus*, *Centropistes striatus*, *Cynoscion regalis*, *Paralichthys dentatus*, *Pomatomus saltatrix*, *Roccus lineatus*; Woods Hole); 1905d. 329. 330. 353. 417 (in *Synodus foetens*; Beaufort).—Looss, 1892a. 76.—Lühe, 1904f (1905b), 154. 183. 186. 191. 201. 212. 232. 241; 1905a (b). 264. 268. 270. 273. 288 (=lævis, tereticollis). 302. 310. 313. 331; 1912. v. 1. 273.—Marval, 1905a. 201. 265.—Mégn., 1891b. 324–325.—Mola, 1912. 491. 501. 502.—Mol., 1858. 143; 1858. 295; 1861c. 260. 263. 270. 272. 273. pl. 9 fig. 2–3 (in *Acc. st.*, *Leuciscus cavedanus*).—Moniez, 1896. 53; 1879f. 304.—Mont., 1887. 24.—Müch., 1898. 56.—Olss., 1893a. 31–32. 37. pl. 4 figs. 57–59 (in *Abramis alburnus*, *Belone vulg.*, *Leuciscus phoxinus* Pl. fl.).—Pag., 1863a. 413–421. pls. 23–24 (anat.).—Porta, 1904. 4 (in *Squalius cavedanus*); 1905a. 150. 193–196. 202–204. figs. 46–47–48–49. fig. 50a–f (s. long. cand., idb., br., bar., lav., salv., truttæ, salmonum, go., dob., subl., lævis ann., pisc., att., nod., ov., sph., ter., sciænæ, linstowi, Acanthoc. lavareti, T. long.) (in *Abramis ballerus*, A. br., A. vimba, *Acer. cer.*, *Ac. schretser*, *Ac. h.*, A. st., *Alburnus lucidus*, A. bipunctatus, Ang. vulg., *Barbus fluv.*, *Belone acis*, *Blicca bjoerkna*, B. vulg., *Cobitis barbatula*, *Coregonus muskun*, C. wart., *Cottus gobio*, C. sc. *Cyp. carpio*, *Cynoscion regale*, E. l., *Gadus m.*, *G. poutassou*, *Gasterosteus aculeatus*, *Gobio fluv.*, *Gobius j.*, *G. avernensis*, *G. minutus*, *Idus melanotus*, *Labrax l.*, *Leuc. cav.*, L. rut., *Lota vulg.*, *Lucioperca sandra*, *Merlangus vulg.*, *Osm. ep.*, *Perca fluv.*, *Pholis lævis*, *Phox. lævis*, *Platessa f.*, P. passer, P. vulg., *Rhombus m.*, *Roc. lin.*, *Salmo hucho*, *S. salvelinus*, *Scard. ery.*, *Sciæna aquila*, Sil. gl., *Solea vulg.*, *Squalius c.*, *S. illyricus*, *S. leu.*, *Thy. vulg.*, *Tinca vulg.*, *Trutta trutta*, *T. salar*, *T. fario*, *Z. v.*); 1906. 237. 262. 269; 1908. 232 (so. *Pomphor. lævis*).—Riquier, 1908. v. 19. 21–26. figs. 1–3 (in *Tinca vulg.*).—Rollest., 1888a. 689 (in pike and other fresh water fishes, larvæ in *Gammarus pulex*).—Schlotthauber, 1860. 130.—Schneidem., 1896a. 325.—Schneid., 1903. 22; 1911. ANV Riga. 16 (in *Z. v.*, *Pleuronectes flesus*).—Scott, 1909. 86–87. pl. 4 figs. 3–4. pl. 6 fig. 1 (in Ang. vulg.).—Shipley, 1896a (1901b). 174. 180. 181. 182. figs. 92. 98–100; 1900. 439.—Sieb., 1839. 160.—Stiles & Hass., 1894e. 353 (in *Accipenser* sp., Ang. vulg., *Roc. lin.*).—Stoss., 1887. 191; 1890. 54; 1892. 66; 1898. 138; 1901. 102–103 (in *Ac. st.*; Trieste).—Tosch, 1905. 116.—Verrill, 1870. 167.—Walter, 1866. 66–67.—Zsch., 1884a. 11. 30. 58–61. 62 (in *Alburnus lucidus*, *Cyprinus carpio*, E. l., *Leuc. rut.*, *Lota vulg.*, *Salmo umbla*, *Sq. ceph.*); 1892c. 73–83; 1893a. 741 (life history); 1896. 774. 775. 776. 777. 778. 779. 781. 784. 817. 818. 820. 821. 822. 823 (in *Barbus fluv.*, *Chondrostoma nasus*, E. l., *Lota vulg.*, *Perca fluv.*, *Squalius agassizii*, S. ceph., *S. leuciscus*, *Thymallus vex.*, *Tinca vulg.*, *Trutta fario*); 1903. 121. 130. 132. 135. 140. 146. 147 (in *Lota vulg.*).

prothus Kaiser, 1893b. 40 (misprint for *proteus*).

pseudoscymentatus Knüppfer 1888a. 10–17. pl. 2 figs. 26–39 (in *Spermophilus citillus*; aus dem Taurischen Gourv.).—Kaiser, 1893a. 62. 92; 1893b. 5. 80. 84.—Linst., 1889a. 9 (in S. c.).—Porta, 1906. 240; 1908. 280 (in S. c.; Russia).

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- pumilio* Rud., 1819a, 66, 314 (in *Lophius piscatorius*; Mus. Wien).—Dies., 1851a, 26 (s. *acus*) (in *Gadus morrhua*, L. p., *Merlucius vulg.*, *Phycis mediterraneus*); 1859, 743.—Duj., 1845a, 541.—Kröy., 1838–40a, 471, 605, 608 (in *G. morhua*, L. p., *M. vulg.*).—Lühe, 1904f (1905b), 213; 1905a (b) 238.—Mont., 1887, 25.—Olss., 1893a, 33 (in *M. vulg.*).—Porta, 1905, 183 (so. *vasculosus*).—Stoss., 1898, 140.—Wagener, 1857, 84.—Wedl, 1855b, 403, 408, fig. 11 (in L. p.).—Westrumb, 1821a, 12.—Also reported for *Gobius auratus*, *G. cruentatus*.
- pupa* Linst., 1905dd, 3, 17, pl. 1 figs. 11–14 (in *Erionetta spectabilis*; Zarjahofen).
- purpuræ* Marval, 1905a, 323 (apparently for *ardeæ-purpuræ*).
- pusillus* Rud., 1819a, 809, pl. 1, fig. 6 (for *porrigens*).
- putorii* (*abdominalis*) Mol., 1858 (1859e), 296 (in *Mustela putorius*; Padua); 1861c, 275 (in M. p.; P.).—Dies., 1859e, 751.—Linst., 1878a, 39 (in *Fætorius putorius*).—Porta, 1908, 281 (in F. p.).—Also reported for *Putorius communis*.
- pyriformis* Brems. in Rud., 1819a, 74, 331–332 (in *Turdus merula*; Wien); Brems., 1824c, pl. 7 figs. 20–21 (in T. m.; W.).—Blainv., 1828, 551.—Dies., 1851a, 46.—Duj., 1845a, 511.—Linst., 1878a, 90 (in T. m.).—Lühe, 1905a (b), 253, 273, 288–289 (s. *pyriformis*).—Marval, 1905a, 204, 210, 284, 308–310, 319 (pirif.), pl. 1 figs. 29–30, 35, 36 (in T. m.).—Porta, 1908, 246.—Westrumb, 1821a, 31, pl. 1 fig. 20.
- quadricornis* Bosc, 1797a, 9 (says it belongs in *Tentacularia*) (in *Coryphæna hippuris*) (quotes Gœze of Gmel., 1790a, 3049, i. e. *quadrirostris*).
- quadricornis* Abildg., 1773a, 34 [nv.] (see *quadrirostris*).—Sieb., 1850a, 248, 251 (so. *Tetrar. sp.*) (of Abildg., in Lachs and Kabliau).
- quadrirostris* Gœze, 1782a, 165–167, pl. 13 figs. 3–5 (in Lachsleber; by Wagler).—Abildg., 1790, 38, 216 (in Lachs and Kabliau).—Bosc, 1802a, v. 2, 10 (sur le foie du saumon).—Braun, 1900a, 1727 (=conicus=Tetrarh. appendiculatus) (in *Salmo salar*).—Brug., 1791a, 111, pl. 38 fig. 23 A–C (in *Salmonis salaris hepate*).—Dies., 1850a, 570 (so. *Tetrar. morrhue*) 576 (so. *Stenob. appendiculatum*).—Gmel., 1790a, 3049.—Lühe, 1905b, 150, 194, 289, 337 (so. conicus=Tetrar. appendiculatus).—Nordm., 1840a, 635 (cf. T. a.).—Rud., 1809a, 318 (so. T. a.), 324 (of Abildg., p. 38, so. T. m.).—Schränk, 1788a, 28.—Sieb., 1850a, 231 (so. T. macrobothrius).—Vaull., 1899a, 19, 62, 81.—Viborg, 1795, 244 (in *Gadus morrhua*).—Zed., 1803a, 159 (renamed conicus).
- quadrirostris gadi-morrhue* Viborg, 1795, 244 [nv.].—Rud., 1809a, 324 (so. *Tetrar. morhue*).
- ranæ* Schrank, 1788a, 25 (in *Rana*; Gœze, 1782a, 158, pl. 12 figs. 10–11).—Bennet & Olivier, 1826a, 32–33 (in R. temp.).—Bosc, 1802a, 7.—Dies., 1851a, 29 (so. *hæruca*).—Gmel., 1790a, 3046.—Lühe, 1904f (1905b), 154, 203, 225; 1905a (b) 290–291, 336 (cf. *hæruca*, *ranæ-temporariæ*, *Tænia hæruca*).—Porta, 1908, 225, 228–230, pl. 9 fig. 6 (in *Bombinator igneus*, *Bufo vulg.*, *B. viridis*, *Rana temp.*, *R. escul.*, *Salamandra atra*, *Triton teniatus*, *T. cristatus*, *T. lobatus*).—Pratt, 1916a, 229.—Rud., 1809a, 265 (so. h.).—Westrumb, 1821a, 18 (so. h.).—Zed., 1803a, 152 (in R. temp.).
- ranæ* of Schrank, 1803b, 217 (in Quappen).—Lühe, 1905b, 291, 292 (in *Lota*) (=lucii).
- ranæ-bombinæ* Dies., 1851a, 29 (so. *hæruca*).
- ranæ-bombynæ* Westrumb, 1821a, 18 (so. *hæruca* 1819).
- ranæ-temporariæ* Viborg, 1795, 244 (in *Rana temp.*) [nv.].—Lühe, 1905a (b), 292 (so. *ranæ* 1788).—Porta, 1908, 228 (so. r.).
- raphælis* Sons., 1896m, 449 (larva in *Varanus arenarius*; Egypt) [perhaps earlier].—Porta, 1908, 247.—Seur., 1913, 130.
- rectus* Lint., 1892l, 91, figs. 13–17 (in *Larus* (*Chroicoc.*) sp.; Guaymas, Mexico).—Lühe, 1905b, 206, 340.—Marval, 1905a, 250, 251, 259 (so. *cylindraceus*).
- reductus* Linst., 1905dd, 2, 3, 17, pl. 1 figs. 7–10 (in *Phoca foetida*; Zarjahafen).—Porta, 1908, 281 (in P. f.).
- rennicki* Leiper & Atkinson, 1914, 223 (in *Trematomus bernacchii*); 1915, 32–33, fig. 3, pl. 2 fig. 15 (in T. b.; Cape Evans).
- reticulatus* Westrumb, 1821a, 24 (in *Rallus nigricans*; Brazil).—Cond.-Franc., 1892, 229.—Dies., 1851a, 38–39 (in R. n.; B.).—Duj., 1845a, 521.—Fuhrm., 1908, v. 10 (1), 22, 23 (in *Limnopardalis*, Porzana).—Gurlt, 1845.—von Ihering, 1902a, 45 (in *Limnopardalis* sp., *P. albicollis*).—Linst., 1878a, 138

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- (in R. n.).—Lüthe, 1905a (b), 292 (in *Pardirallus nigricans*) (cf. rheæ).—Marval, 1905a, 199, 204, 212, 213, 214, 215, 259, 286, 294, 295, 303, 312-315, pl. 3 figs. 81-83, 94-96 (s. rheæ) (in *Glottis nebularius*, L. sp., P. a., *Rallus nigricans*, *Rhea americana*).—Rail. & Henry, 1911, 580-581, fig. 5 (in G. n., L. sp., P. a., R. n., R. a.).
- rheæ* Marval, 1902a, 414-416, figs. 2-4 (s. rheæ nomen nudum) (in *Rhea americana*; Coll. Wolffh.); 1905a, 312, 315 (so. *reticulatus*).—Lüthe, 1905b, 292, 340.—Rail. & Henry, 1911, 580 (so. ret.).—Wolffh., 1900, 10, 11 (rheæ, n. n.).
- rhopalorhynchus* Dies., 1851a, 46-47 (in *Champsä sclerops*, C. nigra, C. punctulata, C. trigonata, C. fissipes; Brazil); 1859, 749.—von Ihering, 1902a, 46.—Linst., 1878a, 181 (in *Caiman palpebrosus*, C. trigonatus, *Champsä gibbiceps*, C. p.).—Porta, 1908, 226.—Also reported for *Jacaré nigra*.
- rythidodes* Mont., 1905d, 1-13 (also *rythidodes*, 10), pl. 5 figs. 1-28 (s. *aurantiacus* 1887, *corrugatus* 1890) (in *Solea impar*: Nap.); 1907, v. 2 (3), 30, 176.—Porta, 1905a, 167, 168 (in S. i.) (s. a., c.), fig. 17a-c; 1906a, 239, 242, 243, 257, 260, 268.
- ricinoides* Rud., 1809a, 253-254 (in *Upupa epops*: by Rud.); 1819a, 64 (in intest. U. e.).—Blainv., 1819, 209.—Crep., 1847.—Dies., 1851a, 24 (so. *coraciæ*) (in U. e.; Greifsw.) (in *Coracias garrula*).—Duj., 1845a, 516 (in C. g., U. e.).—Gurlt, 1845.—Linst., 1878a, 73 (in C. g.).—Lüthe, 1904f (1905b), 196, 240; 1905a (b), 292-293 (in U. e.).—Marval, 1905a, 198, 337, 339, 340, 347 (in U. e.) (so. *Gigantor. compressus*).—Olfers, 1816, 50.—Sons., 1859.—Westrumb, 1821a, 7-8.
- rosai* Porta, 1910, v. 35 (22), 700-701, figs. 2 a-d (in intest. crasso of *Erinaceus europæus*; Firenze).
- roseus* n. sp. Ben., 1871a, 46 (in *Labrus trimaculatus*: Belgium).—Linst., 1878a, 233 (in L. t.).—Porta, 1905, 199 (in L. t.).
- roseus* Mol., 1858 (1859e), 295-296 (in *Cantharus vulg.*: Padua); 1861c, 274-275 (in C. v.: P.).—Dies., 1859e, 743-744.—Kaiser, 1893b, 23.—Lindemann, 1865a, 484-492, pls. 10-11 (in *Leuciscus* sp.: Petrograd).—Linst., 1878a, 212 (in C. v.); 1905dd, 3.—Lüthe, 1912, v. 1, 276, 291, 292.—Porta, 1905, 185-186, figs. 31-32 a-d (s. *longicollis*, *rubicundus*) (in C. v., *Platessa passer.*).—Also reported for C. lineatus.
- rostratus* Fuhrm. in Wolffh., 1900a, 10, 22, 24, 28, 36 (in *Corvus corone*, C. frugilegus; Germany) (nomen nudum except for hosts).—Lüthe, 1905b, 266; 1905a (b) 340 (in C. c., C. f.).—Marval, 1902a, 420-422; 1905a, 250, 251, 255 (so. *cylindraceus*).
- rotundatus* Linst., 1897i, 33, figs. 18-19 (in *Centropus madagascariensis*: Madagascar).—Marval, 1905a, 204, 315, pl. 4 figs. 147-149 (in C. m.).—Shipley, 1903, 8, 10 (in C. sinensis; Ceylon), 52, 54 (in C. rufipennis; C.).
- rotundo-capitatus* Johnst., 1912, 83-84, pl. 4 fig. 41 (in *Pseudechis porphyriacus*; N. S. W.).
- ruber* Collet, 1886a, 258-259, fig. E (in *Balanoptera borealis*: Vardö).—Mont., 1887a, 19-23 (1-5) (so. *turbinella*) (in B. b.).—Porta, 1906a, 267 (so. t.) (in *Hyperoodon rostratum*); 1908, 4.—Shipley, 1899, 262, 264, 268, fig. 1.
- rubetæ* Rud., 1819a, 77 (in intest. *Motacilla rubetæ*).—Dies., 1851a, 42 (so. *fasciatus*).—Lüthe, 1905b, 205, 293 (in *Pratincola rubetæ*) (so. f.).—Marval, 1905a, 250, 251 (so. *cylindraceus*).—Westrumb, 1821a, 27 (=f.).
- rubicundus* Mol., 1859h, 14-15 (in *Platessa passer*; Padua).—Linst., 1878a, 246 (in P. p.).—Porta, 1905a, 185 (so. *miliarius*, of Stoss. so. *roseus*).—Stoss., 1890, 45; 1898, 139.
- rugosus* Fabr., 1794, 39 ("annulatus s. rugosus").
- rutheni* Westrumb, 1821a, 17 (for *accipenseris-rutheni* 1819) (so. *plagioccephalus*).—Dies., 1851a, 35 (so. p.).—Lüthe, 1905a (1905b), 293-294, 329.—Mol., 1861c, 263 (so. p.).—Porta, 1905, 168 (so. p.).
- rutili* Müell., 1780, 2, pl. 61 (in *Leuciscus rutilus* [nv.]; 1784a, 61, pl. 61 fig. 1-8 (in *Cyprinus rutilus*; teste Müell.); 1788b, 27-28, pl. 61 figs. 1-8 (in C. r.).—Baird, 1853a, 65 (so. *claviceps*).—Bosc, 1802a, 11.—Brems., 1811, 26 (so. c.).—Dies., 1851a, 33 (so. *tuberosus*).—Gmel., 1790a, 3050 (in C. r.).—Nordm., 1840a, 642 (so. t.).—Lüthe, 1904f (1905b), 155, 164, 188, 192; 1905a (b), 270, 294-297 (so. c.), 321.—Rud., 1809a, 257 (so. t.) (includes *rutili* Müell. 27, pl.

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rutili—continued.

61 figs. 1-8 and *rutili* of Gmel., 1790a, 3050, no. 45; [1820, 14].—Van Cleave, 1914, 50.—Westrumb, 1821a, 9 (so. t.).—[Zed., 1803a, 163, no. 46 (renamed *tuberosus*).]

rutili Zed., 1803a, 163, no. 45 (for *Acanthoc. Koelr.*, and Müell., 136 and Gmel., 1790a, 3050, no. 44) (in *Cyprinus rutilus*).—Dies., 1851a, 25 (so. *claviceps*).—Lühe, 1904f (1905b), 164, 199; 1905a (b), 297 (*anguillæ, Acanthoc.*).—Porta, 1905a, 156 (so. c.).—Rud., 1809a, 315 (*rutili* of Zed., 1803a, 163, no. 45 and of Gmel., 1790a, 3050, no. 44; also *Acanthoc. Koelr.*) (so. *cyprini-rutili*).—Westrumb, 1821a, 6 (so. c.).

rhytidodes Mont., 1905d, 10 (for *rhytidodes*).

sagittifer Lint., 1889a, 493-496, pl. 6 figs. 1-2 (in *Cynoscion regalis, Paralichthys dentatus, Pomatomus saltatrix*; Woods Hole; 1891a, 535-536, fig. 80 (in C. r., Para. d., Pom. s., *Serranus atrarius*); 1901b, 409, 450, 453, 456, 457, 459, 481, 490 (in *Centropistes striatus, Cy. r., Para. d., Pom. s., Rhombus triacanthus, Stenotomus chrysops*; W. H.); 1905d, 325, 329, 330, 353, 371, 372, 377, 381, 384, 394, 404, 410, 411, 417, 419, figs. 1-7 (in *Coryphæna hippurus, Cy. r., Lagodon rhomboides, Micropogon undulatus, Orthopristis chrysopterus, Paralichthys albiguttus, Para. d., Prionotus tribulus, Rachycentron canadus, Synodus foetens*; Beaufort).—Porta, 1905, 189, 202, fig. 45 a-d (in *Cy. r., Para. d., Pom. s., Ser. at.*).

salmonis Müell., 1784a, 83 [pl. 69 fig. 1-3] (in *Salmo salar*; by Müell.).—Baird, 1853a, 66 (=fusiformis).—Bennet & Olivier, 1826a, 37 (in S. s.).—Bieler, 1913, 551-554, fig. M, pl. 41 fig. 2 (in S. s.); 1914, 3A, 415. —Bosc, 1802a, 9-10 —Brug., 1791a, 110-111, pl. 38 fig. 13-15 A, B (in S. s. intest.).—Crep., 1839, 284.—Dies., 1851a, 41 (so. *pachysomus*).—Lühe, 1904f (1905b), 211; 1905a (b), 297-298, 318, 331 (cf. *inflatus, p.*); 1911a, 21, 24-25, figs. 25-26 (in *Abramis brama, A. vimba, Anguilla anguilla, Coregonus albula, C. lavaretus, Esox lucius, Leuciscus erythrophth., L. idus, Osmerus eperlanus, Perca fluvi., Pleuronectes flesus, Pontoporeia affinis, S. s., S. trutta*).—Porta, 1905, 172 (so. p.).—Rud., 1809a, 270 (so. *infl.*).—Westrumb, 1821a, 16 (=fusiformis).—Zed., 1803a, 162 (in S. s.).

salmonum Rud., 1819a, 80 (s. *lavareti, sublobatus*) (in intest. *Salmonis ferionis, salvelini, thymalli, salaris, lavareti, luchonis*; C. E. V.).—Baird, 1853a, 64 (so. *proteus*).—Dies., 1851a, 51 (so. p.).—Lühe, 1904f (1905b), 159, 237, 241; 1905a (b), 298 (so. *lævis, cf. subl., lav., p., tereticollis, nodulosus*).—Porta, 1905, 193 (s. p.).—Westrumb, 1821a, 37 (so. p.).

salvelini Schrank, 1788a, 24 (in *Salmtingen*; Hermann, 1782a, 172-177, pl. 4 figs. 8-10); 1803b, 218-219 (in *Hechten, Büerstlingen*; Hermann, 1782a, 172, pl. 4 figs. 8-10).—Baird, 1853a, 64 (so. *proteus*).—Dies., 1851a, 51 (so. p.).—Lühe, 1904f (1905b), 153, 237, 1905a (b), 298-299, 310 (=E. sp., *sublobatus, subglobatus, lævis*).—Porta, 1905, 193 (so. p.).—Rud., 1809a, 312 (so. *subl.*).—Westrumb, 1821a, 37 (so. p.).

sciæna Rud., 1819a, 80, 335 (in *Sciæna aquila*; Nap.).—Ben., 1858a, 1861a, 108.—Dies., 1851a, 58 (in S. a.; N.).—Linst., 1878a, 216 (in S. a.).—Lühe, 1905a (1905b), 299-300 (in S. a.).—Porta, 1905, 193 (so. *proteus*), 196.—Westrumb, 1821a, 42.—Also reported for *S. umbra*.

scomberi Viborg, 1795, 243 [inv.].—Dies., 1851a, 48 (so. *pristis*).—Lühe, 1905a (1905b), 300 (in *Scomber*).—Porta, 1905, 190 (so. *pr.*).—Rud., 1809a, 312; 1819a, 75 (so. *pr.*).—Westrumb, 1821a, 32 (so. *pr.*).

scopis Gmel., 1790a, 3045 (in *Strix scopis*; Garze, 1782a, 154, pl. 11 fig. 13).—Bosc, 1802a, 5.—Dies., 1851a, 38 (so. *aequalis*).—Lühe, 1904f (1905b), 163; 1905a (b), 268, 300, 301 (=E. sp., *otidis, æq.*).—Marval, 1905a, 217, 219 (so. *aluconis*).—Rud., 1809a, 277 (so. *æq.*).—Westrumb, 1821a, 23 (so. *æq.*).

scorpæna Rud., 1819a, 79 (in *Scorpæna scrofa*; C. E. V.).—Lühe, 1904f (1905b), 223; 1905a (b), 300 (so. *globulosus*) (in *Sc. sc.*).—Porta, 1905, 159 (so. *propinquus*).—Westrumb, 1821a, 11 (so. g.).

[*scudato* Renier, 1807, pl. 6 [inv.].—Brems., 1819a, 8 (Adriatic) (*Echinorhynch.*).—Lühe, 1905a (1905b), 300-301.]

sequenæ Marval, 1902a, 423-424, fig. 9 (in *Numida pileorhynchus*; Coll. Paronæ; 1905a, 332, 334 (so. *tamiatu*).—Leiper, 1908, 194 (in N. p.; White Nile).

CHINORHYNCHUS—Continued.

- semermis* Forssel., 1904, v. 30, 175–179, figs. 1–2 (in *Phoca fetida*; 1907, AN, v. 2 (3), 176.—Porta, 1908, 271 (so. *Corynosoma strumosum*).—Schneid., 1911, 16 (larva in *Gadus callarias*).
- semoni* Linst., 1898a, 471–472 (115–116), pl. 35 figs. 16–29 to (Gigantor.) in intest. *Perameles obesula*; Australia).
- serpenticola* Linst., 1907, 83, pl. 1 fig. 4–5 (in *Psammodynastes pulverulentus*; Java).—Porta, 1908, 247–248 (in P. p.).
- serrani* Lint., 1901b, 409, 456, 490 (in *Centropistes striatus*; Woods Hole).—Porta, 1905, 181 (so. *aurantiacus*); 1908, 273 (so. *Bolbosoma aurantiacum*).
- sigmoideus* Westrumb, 1821a, 15 (s. *orioli*) in intest. of *Oriolus galbula*; Wien.—Dies., 1851a, 32 (so. or.) (in O. g.).—Duj., 1845a, 512.—Linst., 1878a, 94 (in O. g.).—Lühe, 1905a (b), 301 (so. or.) (in O. oriolus; W.).—Marval, 1905a, 229, 230, 233 (so. *areolatus*), 363.
- simplex* Rud., 1809a, 270 (s. *trigla-gurnardi*) (in *Trigla gurnardus*; Rathke, 1799, 72); 1819a, 68 (in T. *adriatica*, T. g.).—Duj., 1845a, 534.—Dies., 1851a, 41 (s. tr. g.).—Krøyer, 1838–40a, 100 (in T. g.).—Linst., 1878a, 226 (in T. g.).—Lühe, 1905a (1905b), 301, 317 (=trigla, tr. g.) (in T. a., T. g.).—Olfers, 1816a, 50.—Olss., 1893a, 34–35 (in *Trachinus draco*, *Trigla g.*, T. *lineata*).—Porta, 1905a, 171 (so. *acus*).—Risso, 1826, 261.—Sons., 1891, 262.—Westrumb, 1821a, 19.
- sipunculus* Schrank, 1788a, 25 (s. *Acanthrus sipunculoides*) (in den Maränen; in der Quappe).—Dies., 1851a, 58 (so. *eperlani*).—Lühe, 1905a, (1905b), 301–302, 331 (=Ac. s.) (in *Osmerus eperlanus*; Martin, 1780).—Porta, 1905, 197 (so. ep.).—Rud., 1809a, 313 (=ep.).—Westrumb, 1821a, 42 (=ep.).—Zed., 1803a, 154 (in *Salmo eperlanus*).
- socialis* Leidy, 1851a, 156 (in *Platessa plana*; Leidy); 1904a, 46.—Stiles & Hass., 1894e, 353 (in *Pleuronectes americanus*).
- soleæ* Porta, 1905a, 160–161, fig. 7 a–b (in *Solea impar*; Portoferrajo).
- solitarius* Mol., 1858 (1859e), 295 (in *Conger conger*; Padua); 1861c, 269–271, pl. 9 fig. 1 (in C. *vulg.*; P.).—Dies., 1859, 750.—Linst., 1878a, 272 (in C. v.).—Porta, 1904, 1 (in C. v.); 1905, 192, 203, fig. 40 (in C. v.).
- soriceis* Rud., 1819a, 76 (in *Sorex araneus*; C. E. V., Wien, cf. Bremser, 1811, 26).—Dies., 1851a, 32 (so. *appendiculatus*).—Lühe, 1904f (1905b), 175; 1905a (b) 302 (=Ech. sp. Brems., 1811) (so. app.) (in S. a.; W.).—Westrumb, 1821a, 15 (renamed app.).
- species Barbag. & Drago, 1903, AdP, v. 7, 418 (in *Pomatodus telescopium*; Messina).
- species Barbag. & Drago, 1903, AdP, v. 7, 418 (in *Xiphias gladius*; Messina).
- species Ben., 1871a, 63, 93, pl. 5 fig. 6 (in *Motella quinquecirrata*).—Linst., 1878a, 242 (larva in *Motella mustela*).—Porta, 1905a, 199 (larva in *Motella mustela*).
- species Ben.—Porta, 1905a, 199 (larva in *Zoarces viviparus*).
- species Ben.—Porta, 1905a, 199 (larva in *Rhombus vulg.*).
- species Ben.—Porta, 1905a, 199 (in *Labrax lupus*).
- species Braun, 1893f, 390 (in *Felis catus dom.*; Koenigsb.).
- species Brems., 1811a, 26 as follows:
- No. 1 (in *Sylvia atricapilla*, *nisoria*, *oenanthe*, *loxi*, *coccothraust.*, *Alauda arvensis*; Brems.).
- No. 2 (in *Charadr. oedicnemus*; Brems.).
- No. 3 (in *Sylvia philomela*, *lusciniæ*, *phœnicurus*, *fitis*, *atricapilla*, *rubecula*, *troglodytes*; Brems.).—Lühe, 1905b, 311 (=sylviarum).
- No. 4 (in *Mus arvalis*, M. *cricetus*, *Mustela putorius*; Brems.).
- No. 5 (in *Fringilla cœlebs*; Brems.).
- No. 6 (in *Falco albicilla*; Brems.).
- No. 7 (in *Saxicola rupicola*; Brems.).
- No. 8 (in *Rana bombyna*; Brems.).
- No. 9 (in *Falco cyaneus*; Brems.).
- No. 10 (in *Corvus pica*; Brems.).—Lühe, 1905b, 272 (cf. *pica*) (in *Pica pica*).
- No. 11 (in *Sturnus vulg.*; Brems.).
- No. 12 (in *Parus maior*; Brems.).—Lühe, 1905b, 269 (=pari).
- No. 13 (in *Cottus gobio*; Brems.).
- No. 14 (in *Erinaceus europæus*; Brems.).
- No. 15 (in *Trachinus draco*; Brems.).

ECHINORHYNCHUS—Continued.

species Brems.—continued.

No. 16 (in *Sorex araneus*; Brems.).—Lühe, 1905b, 302 (=soricis).

No. 17 (in *Oriolus galbula*; Brems.).—Lühe, 1905b, 266 (=orioli Rud. nec Westr.).

No. 18 (in *Coracias garrula*; Brems.).—Lühe, 1905b, 293 (=coraciae).

No. 19 (in *Coracias garrula*; Brems.).

No. 20 (in *Turdus merula*; Brems.).

No. 21 (in *Sterna stubberica*; Brems.).—Lühe, 1905b, 307 (=sternæ).

No. 22 (in *Charadr. pluvialis*; Brems.).

No. 23 (in *Labrus tinca*; Brems.).

No. 24 (in *Acipenser huso*; Brems.).

No. 25 (in *Acipenser huso*; Brems.).

No. 26 (in *Atherina hepsetus*; Brems.).

No. 27 (in *Scorpaena scrofa*; Brems.).

No. 28 (in *Gadus mediterraneus*; Brems.).

No. 29 (in *Mugil cephalus*; Brems.).

No. 30 (in *Zeus faber*; Brems.).

No. 31 (in *Arctomys citillus*; Brems.).

species Cini.—Porta, 1908, v. 3 (3), 233 (in *Rana escul.*; Torino).

species Clerc, 1903, v. 11, 256 [refers to de Marval].

species Daday, 1908, v. 26, 23 (in *Cypridopsis costata*).

species Daday, 1910, v. 23, 55–56, pl. 3 figs. 8–10 (in *Cypridisops costata*; Ikapo-See).

species Frœl., 1789a, 105 (in duck: by Frœl.; refers also to Gœze, 1782a, pl. 13 figs. 6–7).—Lühe, 1905b, 170–171 (anatis Schrank).

species Gœze, 1782a, 154, pl. 11 fig. 13 (in a "bunten Ohreule; by Borke).—Gmel., 1790a, 3045 (named scopis).—Lühe, 1905b, 163 (æqualis).—Schrank, 1788, 23 (named otidis).—Zed., 1803a, 154 (named æq.).

species Gœze, 1782a, 163–164, pl. 13 figs. 6–7 (der Entenkratzer).—Gmel., 1790a, 3045 (named boschadis).—Lühe, 1905b, 172 (anatis Schrank), 182 (boschadis Gmel.).—Schrank, 1788, 26 (named anatis).

species Gœze, 1782a, 154–155, pl. 12 figs. 1–2 A (in *Falco buteo*; by Gœze).—Lühe, 1905b, 185 (buteonis).—Schrank, 1788, 23 (named buteonis).

species Gœze, 1782a, 158, pl. 12 figs. 7–9 (in Schmerl).—Gmel., 1790a, 3048 (named cobitidis).—Lühe, 1905b, 192 (cobitidis, cobitinus).—Schrank, 1788a, 25 (named cobitinus).

species Gœze, 1782a, 165 (in Amsel; by Gœze).—Gmel., 1791a, 3046 (named merulæ).—Lühe, 1905b, 252 (merulæ).

species Gœze, 1782a, 153, pl. 11 figs. 8–12 (Eulenkratzer).—Gmel., 1790a, 3045 (named strigis).—Lühe, 1905b, 265, 308 (strigis, nyctæ).—Schrank, 1788a, 23 (named nyctæ).

species Gœze, 1782a, 154, pl. 11 fig. 13 (Ohreulen Kratzer).—Lühe, 1905b, 267–268 (otidis).—Schrank, 1788a, 23 (named otidis).

species Gœze, 1782, 157–158 (in Forelle).—Lühe, 1905b, 318 (truttæ).—Schrank, 1788, 24 (named truttæ).

species Grassi, 1888.—Deflke, 1891, 258 (in *Canis fam.*).—See grassii.

species Hermann, 1782a, 172–177, pl. 4 figs. 8–10 (s. *Tænia hæruca* Pall.) (in dem Magen des Selmmlings; by Herm.).—Lühe, 1905b, 298–299 (salvelini).

species Humb., 1808a, 162, 227 (in *Crotalus durissus*).

species Johnst., 1912, v. 12, 106 (in *Catheturus lathamii*; S. Q.); 107 (in *Numenius cyanopus*; S. Q.); 108 (in *Astur fasciatus*; N. S. W.); 109 (in *Halcyon sanctus*; N. S. W.); 109 (in *Psophodes crepitans*; N. S. W.); 109 (in *Podargus strigoides*; S. Q.); 109 (in *Ninox boobook*; S. Q.); 110 (*Oreocichla lunulata*; N. S. W.); 110 (*Grallina picata*; N. Q.); 111 (in "M. novæ-hollandiæ"; N. S. W.); 110 (in *Grallina picata*, *Numenius cyanopus*; Queensland).

species Kent., 1871a, 270, pl. 14 figs. 5–7 (in sea; off coast of Portugal).—[Possibly a cercaria of ?*Echinostoma*, with branched tail.]

[species] Kœlreuter, 1771, 499–500, pl. 26 fig. 5 (*Acanthoc. in Coregonus lavaretus*).—Lühe, 1905b, 173, 199 (anguillæ).

species Kowal., 1895g, 41 (1).

species Krøyer., 1838–40a, 608 (in *Lota molva*).

ECHINORHYNCHUS—Continued.

- species Krøyer., 1843-45a, 76 (in *Gadus minutus*; 138 (in *Merlangus pollachius*); 275 (in *Platessa vulg.*); 444 (in *Rhombus maximus*).
- species Krøyer., 1846-53a, 34 (in *Nallotus arcticus*); 320 (in *Carassius vulg.*).
- species Lewis.—Linst., 1889a, 15 (in *Canis fam.*).—Perronc., 1882a, 424.—Porta, 1908, v. 12, 282 (in *Canis pariah*; Calcutta) (so. *Gnathost. spinigerum*).—Ward, 1895a, 343 (in *C. fam.*).
- species Linst., 1889a, 97 (larva in *Anguilla vulg.*) (cf. *miliarius* in Stoss., 1885b(c), 162-163 (7-8), pl. 5 fig. 21).
- species Linst., 1901e, 278 (in *Lanius auriculatus*; Petrograd Mus.).
- species Linst., 1902, 12 (in *Liparis steineni*) [nv.].—Porta, 1905a, 201 (in *L. s.*).
- species Lint., 1905d, 330, 411 (in *Paralichthys albiguttus*; Beaufort).
- species Lint., 1905d, 330, 384, pl. 3 figs. 15-16 (in *Cynoscion regalis*; Beaufort).
- species Lühe, 1905b, 146, 334 (= *Fasciola truttae intestinalis*) (in *Trutta*; by Röederer).
- species Lühe, 1905b, 340 (= *polymorphus*).
- species Mégn., 1882.—Linst., 1889a, 90 (larva in *Barbus fluviatilis*).—Porta, 1905, 199 (in *B. f.*).
- species Mégn., 1882, 1-21, pl. 6 fig. 1.—Linst., 1889a, 65 (in *Varanus arenarius*).—Porta, 1908, 246 (in *V. a.*).
- species Mégn., 1882d, pl. 6.—Linst., 1889a, 49 (sub *cute*, *Machetes pugnax*).
- species Moniez, 1896a, 419 (in *Homo*).—Porta, 1908, v. 12, 282 (in *H.*) (so. *Eimeria hominis*).—Ward, 1903, 225; 1916, 704.
- species Montagu, 1841, v. 1, 85 (under skin in *Ziphotheca tetradens*; South Devon).
- species Montagu in Yarrell, 1841a, 200 (in *Lepidopus argyreus*; S. Devon).
- species Müller, 1787a, 56 (in *Mus musculus*; by Borke, see Goeze, 1782a, 138, pl. 9B fig. 12).—Lühe, 1905b, 259-260 (cf. *Pseudoechinor.*, and *Cysticercus fasciolaris*).—Schränk, 1788a, 21 (named *muris*).
- species Olss.—Porta, 1905a, 200 (larva in *Osmerus eperlanus*).
- species Olss.—Porta, 1905a, 200 (in *Lota vulg.*); 200 (in *Anguilla vulg.*); 201 (in *Zoarces viviparus*); 201 (in *Rhombus maximus*); 201 (in *Conger vulg.*); 201 (in *Trachinus draco*).
- species Pall., 1776, 415 (in *Perca fluvi.*)—Gmel., 1790a, 3048 (named *percae*).—Lühe, 1905b, 269 (*percae*).—Müell., 1780, 205.
- species Par., 1885a, 442 (in *Numida ptilorhyncha*; Sudan).—Linst., 1889a, 46 (in *N. p.*).
- species Par.—Porta, 1905a, 199 (in *Dactylopterus volitans*).
- species Par., 1898.—Porta, 1908, v. 12, 282 (so. *Gnathost. paronai*) (in *Mus raja*).
- species Porta, 1905a, 201 (in *Clupea pontica*; Volga).
- species Shipley, 1903l, 152 (in *Callula pulchra*).—Porta, 1908, v. 3 (3), 233 (in *C. p.*).
- species Sons., 1896m, 449 (in *peritoneo Naie haie*; Cairo).—Porta, 1908, v. 3 (3), 246 (in *peritoneum of Naja haie*).
- species Sons.—Porta, 1908, v. 3 (3), 246 (in *Zamenis parallelus*).
- species Stiles & Hass., 1894e, 352 (in *Dasypus 9-cinctus*).
- species Tilesius, 1810a, 353, 363, 374, pl. 19 figs. 4-7 (he uses *echinorrhynchos*, also: "*Echinorhynchi rubescentes sed candidiores*").—Lühe, 1905b, 327 (= *wachniæ*).
- species Wedl, 1861a, 232-234, pl. 2 figs. 17-20 (in *Vipera cerastes*; Egypt).—Porta, 1908, v. 3 (3), 245-246 (in *Cerastes ægyptiacus*).—Linst., 1878a, 183 (larva encysted in *C. a.*).
- species Wedl, 1861a, 234-236, pl. 2 figs. 21-24 (in *Uraeus haie*; Egypt).—Porta, 1908, v. 3 (3), 246 (in *Naja haie*).—Linst., 1878a, 184 (larva in *N. h.*).
- species Wedl, 1861a, 236-237, pl. 2 figs. 27-30 (larva in *Mustela vulg.*; Cairo, Egypt).—Linst., 1878a, 40 (larva in *mesent. of Fœtorius vulg.*).
- species Wedl, 1861a, 236, pl. 2 figs. 25-26 (larva in *Erinaceus europæus*; Egypt).—Linst., 1878a, 16 (larva in *omentum of E. e.*).
- species Welch, 1872a, 703-705, figs. 1-3 (encysted in *Homo*; from India) [looks like a *pentastome*].—Porta, 1908, 282.—Ward, 1903l, 225 (in *Homo*); 1916, 704.

ECHINORHYNCHUS—Continued.

- species Wolffh., 1900a, 11, 14, 16, 37 (in *Cerchneis tinnunculus*, *Circaëtos gallicus*, *Otis vulg.*, *Pica caudata*; Europe).
- species Yarrell, 1841a, 200 (in Scabbard fish).—Sieb., 1850a, 235 (so. *Tetrar. claviger.*).
- species Zsch., 1896a, 774 (in intestine *Perca fluvi.*); 774 (in intestine *Cottus gobio*); 775 (in intestine *Squalius leuciscus*); 775 (in intestine *Phoxinus laevis*).
- species Zsch., 1896a, 777 (in intestine *Lota vulg.*); 1903b, 132.
- spharicus* Rud., 1802a, 62–63 (in *Cottus scorpius*; by Rud.); 1809a, 291–292 (in C. s.); 1819a, 73 (in C. s.).—Baird, 1853a, 64 (=proteus).—Brems., 1811, 26.—Crep., 1839, 284.—Dies., 1851a, 52 (so. p.).—Krøyer, 1838–40a, 138 (in C. s.); 1843–45a, 583 (in C. s.).—Lühe, 1905(a)b, 237, 268, 302, 313 (cf. *ovatus*, p., *laevis*).—Olfers, 1816a, 51.—Porta, 1905, 193 (so. p.).—Westrumb, 1821a, 37 (=p.).—Zed., 1803a, 157 (in C. s.).
- spherocephalus* Brems. in Rud., 1819a, 598, 670–672 (in *Larus*, *Hæmatopus ostralegus*; Brazil).—Brems., 1824, 131.—Crep., 1839, 285.—Dies., 1851a, 50–51; 1859, 570.—Duj., 1845a, 518–519.—Fuhrm., 1908, v. 10 (1), 22, 23 (in L.).—Geddelst, 1903, 60; 1911a, 136 (in dom. duck).—von Ihering, 1902a, 46, 47 (in H., L. sp.).—Hut. & Mar., 1906a, 409; 1910b, 516; 1913b, 518).—Kaiser, 1893a, 90.—Linst., 1878a, 133 (in H. o.).—Lühe, 1904f (1905b), 151, 208, 225, 241, 249; 1905a (b), 277, 302–305, 340 (cf. *hæmatopodis*, *lari*, *pars* ? n. sp.) (in H. *palliatum*, *Larus azaræ*); 1912, v. 1, 291.—Marval, 1905a, 204, 212, 213, 214, 215, 266, 267, 270, 322–328 (in *Anas boschas* dom., *Ardetta minuta*, *Ciconia ciconia*, *Eudocimus ruber*, H. o., L. *dominicanus*, *Phoebastria immutabilis*) (s. *macrourus*, *ardeæ-purpureæ*, *filicollis* *pars*), 359, pl. 2 figs. 45–47, 64–67.—Mol., 1861c, 272.—Mueh., 1898, 56.—Nev.-Lem., 1912a, 847.—Rail., 1893, 571.—Schneidem., 1896, 325.—Westrumb, 1821a, 36–37, 46, 48, 58, pl. 1 figs. 13–15.—Also reported for *Rhynchaspis clypeata*.
- sphyrena* Rud., 1809a, 314 (in *Argentina sphyrena*; Redi, 1708, 237); 1819a, 80 (=argentinae).—Dies., 1851a, 58 (so. arg.).—Lühe, 1904f (1905b), 179; 1905a(b), 294, 305 (so. arg.) (=Tetrar. *elongatus*=Tet. arg.).—Porta, 1905, 197 (so. arg.).—Also reported for *A. sphyrena*.
- [*spinus*].—Traill. 1874a, 155–156 (misprint for *Echinorhinus spinosus*, a shark.)
- spinus* Kaiser. 1893a, 2, 15 (Florida, 17–19, 67, 68; 1893b, 127.—Stead. 1896a, 264–265 (Aberdeenshire Coast).
- spira* Dies., 1851a, 34 (in *Cathartes aura*, C. *uruba*, *Vultur papa*; Brazil); 1859, 745.—Fuhrm., 1908, v. 10(1), 23.—Linst., 1878a, 107 (in *Sarcophagophorus papa*); 1901, 419; 1904, 380.—Lühe, 1904b (1905b), 239, 240; 1905a(b), 340, 342 (in C. a., C. u. S. p.).—Marval, 1905, 198, 338, 339, 340, 349 (so. *Gigantor. compressus*).—Mol., 1861c, 263.—Wehrmann, 1909a, 210.
- spiralis* Rud., 1809a, 273–274 (in *Ardea minuta*; by Nitzsch); 1819a, 70, 323 (in A. m.).—Duj., 1845a, 499, 521.—Dies., 1851a, 36, 37 (in A. m.).—Linst., 1878a, 143 (in A. m.).—Lühe, 1895a(b), 305 (in *Ardetta minuta*); 1911a, 57–58, fig. 77 (in A. *minuta*, *Botaurus stellaris*).—Marval, 1905a, 204, 213, 315–318, 362, pl. 3 fig. 86–89 (in B. s.).—Olfers, 1816a, 50.—Stoss., 1892, 67; 1896, 135; 1898, 134.—Westrumb, 1821a, 21.
- spirula* Olfers in Rud., 1819a, 63–64, 310–311, 665–666 (in *Simia rosalia*; Brazil).—Cobbold. 1876e, 91; 1879, 256, 292, 298, 413.—Crep., 1846, 326–327.—Dies., 1851a, 21 (in *Cebus apella*, *Iacchus rosalia*, *Nasua narica* in Brazil; *Simia inuata* at Greifsw.).—Duj., 1845a, 499.—von Ihering, 1902a, 45, 48 (in C. sp., *Midas* sp., N. sp.).—Kaiser, 1893a, 119.—Leuck., 1876, 729, fig. 350; 1879, 143, fig. 71; 1886d, 110, fig. 71.—Linst., 1878a, 6 (in I. *ecaudatus*, N. *socialis*); 1897, 33, figs. 20–21.—Lühe, 1904f (1905b), 154; 1905a(b), 305–307 (in *Midas rosalia*, N. n., S. *apella*).—Moniez, 1896a, 419.—Porta, 1908, 277 (so. *Gigantor. hirundinaceus*).—Schlotthauber, 1860, 130.—Shipley, 1905i, 249 (in *Lemur brunneus*, L. *coronatus*, *Perodicticus potto*; W. Coast Africa, Madagascar).—Westrumb, 1821a, 4, 48, 50, 51, 52, 53, pl. 1 fig. 16, 2 figs. 16–20.—Also reported for *Cebus fatuellus*, *Hapale rosalia*.
- stellaris* Mol., 1858d, 143 (in *Anas boschas*; Padua); 1861c, 253, 271–272, pl. 8 fig. 3, 11 (in A. b.; P.).—Dies., 1859, 742.—Linst., 1878a, 153 (in A. b.); 1902, 231 (in *Glaucion clangula*, *Tetrao tetrix*).—Lühe (1904f) 1905b, 210; 1905a(b), 340 (so. *filicollis*).—Marval, 1905a, 263, 267, 269 (so. f.).—Also reported for *Fuligula cristata*.

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- sternæ* Rud., 1819a. 78 (in *Sterna cantiaca*; C. E. V.).—Dies., 1851a. 28 (so. linearis).—Lühe, 1904f (1905b). 244; 1905a(b). 307 (=lin.).—Marval. 1905a. 292 (so. l.).—Westrumb. 1821a. 10 (=lin.).
- striatus* Goeze. 1782a. 152 (in *Ardea cinerea*; by Graf Borke).—Bellingh. 1844. 258.—Dies., 1851a. 45 (s. ardeæ, mutabilis) (in A. c., A. leuce, A. nycticorax, A. cayennensis, A. virescens, Anas olor, Alcedo torquata, Falco albicilla, Platalea ajaja; Brazil. M. C. V., Coll. Goeze); 1859. 748.—Duj., 1845a. 519.—Fuhm., 1908. v. 10(1). 22, 23 (in *Ardea*, *Ceryle*, *Platalea*, *Tantalus*).—von Ihering. 1902a. 46, 47 (in *Ardea*, A. c., *Buteo*, *Ceryle*, *Cygnus* olor, *Circus*, *Haliaeetus albicilla*, *Milvus*, *Nycticorax*, *Platalea*, *Tantalus*).—Lam., 1816. 199.—Leidy. 1856b. 48 (in T. loculator).—Linst., 1878a. 72, 143; 1889a. 30 (in Ard. l., *Megaceryle torquata*); 1902. 230, figs. 29–31 (in A. c.).—Lint., 1892l. 92–93. figs. 18–25 (in *Oedemia americana*; Wyo.).—Lühe, 1904f (1905b). 175, 231; 1905a(b). 254, 262, 278, 307–308, 323 (so. *hystrix ardeæ*) (in A. c.); 1911a. 55, figs. 74–75 (in A. c., *Ardetta minuta*, *Botaurus stellaris*, *Cygnus* olor, *Haliaeetus albicilla*, *Herodias alba*, *Mergus serrator*, *Nycticorax nycticorax*, *Nyroca ferina*, *Sterna minuta*).—Marval. 1905. 204, 207, 208, 213, 214, 215, 270, 284, 317, 318–321, pl. 3 figs. 84, 85, 97 (s. ard., mutabilis) (in A. c., A. coccy, *Ajaja ajaja*, *Ardetta minuta*, Bot. st., *Botaurides virescens*, *Cyg. o.*, *Ceryle torquata*, *Haliaeetus albicilla*, *Herodias egretta*, H. alba, *Mergus serrator*, *Nyroca ferina*, *Nycticorax griseus*, *Oidemia americana*, *Sterna minuta*, *Tantalus loculator*).—Mol., 1858. 143; 1861c. 266–267, 268, pl. 8 fig. 7 (in A. c., A. l., A. cay., A. nycticorax, A. vir., *Alcedo tor.*, *Anas olor*, *Falco alb.*, *Plat. aj.*, S. m.).—Müh., 1898. 56.—Nordm., 1840. 643 (so. ard.).—Olfers. 1816a. 50.—Rennie. 1907. 443, 444, 445, fig. 1; 1909. 41, 42, 43, fig. 1.—Rud., 1809a. 263–264 (in A. c.); 1819a. 74, 329–330, 670 (in intest. A. c., *Anatis olor*, *Falconis albicillæ*; C. E. V.).—Schränk. 1788a. 22.—Stiles & Hass., 1894e. 352 (in Ard. herodias Tant. loc.).—Stoss., 1890. 54; 1891. 113(5), 219 (in *Egretta alba*, Bot. st.; Trieste); 1895. 39; 1897. 7; 1898. 136.—Van Cleave. 1916. 173.—Villot. 1875. 473–474, pl. 14 figs. 1–3 (in *Carbo cormoranus*; Roscoff).—Westrumb. 1821a. 30–31, 46.—Wolfh., 1900. 10, 61.—Zed., 1803a. 155 (in A. c.).
- stridula* Rud., 1809a. 275 (so. tuba) (in *Strix stridula*; Goeze. 1782a. 153, pl. 11 fig. 8–12).—Dies., 1851a. 37 (so. t.).—Cond.-Franc., 1892. 225.—Lühe, 1905a (1905b). 308 (in S. s.).—Marval. 1905. 217, 219 (so. aluconis).—[Schränk. 1788. 23 (named nyctæe).]—Westrumb. 1821a. 23 (=t.).
- strigis* Gmel., 1790a. 3045 (in *Strix stridula*; Goeze. 1782a. 153, pl. 11 figs. 8–12).—Bosc. 1802a. 6.—Lühe, 1905a(b). 265, 308, 320 (s. nyctæe).—Marval. 1905. 217, 219 (so. aluconis).—Rud., 1809a. 275 (=tuba).—[Schränk. 1788. 22 (nyct.).]—Westr., 1821a. 23 (cf. t. and æqualis).
- strigis-auriculata* Rud., 1809a. 277 (so. æqualis) (based on Goeze. 1782a. 154, pl. 11 fig. 13); 1810a. 352.—Lühe, 1905a(b). 309 (=sp.).
- strigis-auriculata* Marval. 1905a. 217, 219 (so. aluconis) (for str.-auriculatæ).
- strigis-auriculati* Dies., 1851a. 38 (so. æqualis Zed.) (based on Goeze. 1782a. 154, pl. 11 fig. 13).
- strigis-oti* Viborg. 1795. 243 (in *Asio otus*) [nv.].—Lühe. 1905a(b). 309 (in *Strix otus*=A. o.).
- strigis-stridula* Rud., [1809a. 275;] 1810a. 352 (for stridulæ) (so. tuba) (in *Strix stridula*; Goeze. 1782a. 153, pl. 11 fig. 8–12).—Lühe. 1905a(b). 309.
- strumosus* Rud., 1802a. 63–64 (in *Seehund*; by Rud.; 1809a. 293–294, pl. 4 fig. 3 (in *Phoca vitulina*); 1819a. 73–74 (in P. v.).—Bellingh., 1844. 258.—Ben., 1858a. 1861a. 286.—Burow. 1836a. 1–28, 1 pl.—Cobbold. 1879. 314.—Crep., 1839a. 285.—Dies., 1851a. 47–48 (in P. v., P. hispida, P. gryphus; Mus. Greifsw., Ireland); 1859. 750.—Duj., 1845a. 502 (in P. f., P. grypus, P. v., P. variegata; Germany. l.).—Forsell. 1904. 175, 176, 177, 178, 179.—Cond.-Franc., 1892. 229.—Kaiser. 1893a. 2, 16–17, 18, 21, 24, 27, 30, 31, 34, 35, 36, 69, 71, 89, 91, 108, 109, 110, 111, 112, 113, 114, 118; 1893b. 14, 21, 29, 42, 48, 71, 80, 89, 90, 92, 94, 95, 96, 97, 98, 99, 116, 118, 126, 127, 146, pl. 6 fig. 42–48, pl. 8 figs. 2, 4–6, 10, 15.—Lam., 1816. 200.—Leuck., 1876. 735, 744, 746, 763.—Linst., 1878a. 42 (in *Halichærus grypus*); 1901. 277–278; 1902. 231 (in *Phocæna com.*); 1903. 277; 1905dd. 2 (s. gibbosus), 3–17, pl. 1 fig. 2–6 (adult in *Delphinus phocæna*, H. g., *Phoca annulata*, P. f., P. hispida, P. vit.; larva in *Cyclopterus lumpus*, *Lophius piscatorius*, *Platessa flesus*, *Petromyzon fluvi.*, *Trachinus draco*; Zanzibarhafen).—Lühe, 1904f (1905b). 215, 231 (type

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of *Orynosoma*; 1905a(b). 309, 326 (cf. *phocæ-vitulina gibbosus* (in P. v.); 1911a, 36, 37. —Marval, 1905, 198, 366. —Müch., 1898, 4, 13, 23, 56, 79, 110–114. —Nordm., 1840, 547, 644. —Olfers, 1816a, 51. —Olss., 1893a, 36, 37 (in P. *annelata*; Baltic). —Porta, 1906, 245. —Rail., 1899, 128. —Schneid., 1903, 6, 29–31. —Schneid., 1911, 16 (in *Gadus callarias*, *Rhombus maximus*). —Shipley, 1896, 183; 1900, 439. —Sieb., 1837, 258; 1839, 160; 1845, 206. —Stess., 1901, 103 (15). pl. 6 figs. 6–9 (in P. vit.; North Sea). —Westrumb, 1821a, 32. —Zed., 1803a, 158 (in P. v.).

sturio Gmel., 1790a, 30, 50 [in *Acipenser sturio*]; Gœze, 1782a, 157. —Bennet & Olivier, 1826a, 38 (in *Acipenser sturio*). —Lühe, 1904f (1905b), 246; 1905a(b), 309–310 (in A. s.). —Rud., 1809a, 318 (in A. s.); 1819a, 79 (in A. s.). —Zed., 1803a, 164 (in A. s.).

subcutaneus (Rud., 1819a) Dies., 1851a, 22 (so. *napæformis*).

subglobatus Zed., 1803a, 154 (see *sublobatus*) (in *Salmo salar*; Herm., 1782a, 172, pl. 4 figs. 8–10). —Baird, 1853a, 64 (= *proteus*). —Lühe, 1904f (1905b), 237; 1905a(b), 310 (cf. *salvelini*, *subl.*). —Rud., 1809a, 312 (= *subl.*) (in S. s.). —Westrumb, 1821a, 37 (= p.).

sublobatus Gmel., 1790a, 3049 (in *salaris junioris intestinis*; Hermann, 1782a, 172, pl. 4 figs. 8–10). —Baird, 1853a, 64 (= *proteus*). —Bosc, 1802a, 10. —Dies., 1851a, 52 (so. p.). —Lühe, 1905b, 237, 241, 310, 313 (cf. *salvelini*, *levis*). —Porta, 1905, 193 (so. p.). —Rud., 1793a, 20–21; 1809a, 290, 312–313; 1819a, 80 (= *salmonum*). —Zed., 1803a, 154 (in *Salmo salar*).

subulatus Zed., 1803a, 159 (s. *alosa* Herm.) (in *intest. Alosa*; Herm., 1782a, 117, pl. 4 figs. 11–12). —Dies., 1851a, 46 (so. al.) (in *Alausa vulg.*). —Duj., 1845a, 540 (in *Clupea alosa*). —Hofer, 1904a, 236 (in A. v.). —Kroy., 1846–53a, 218 (in A. *finta*). —Linst., 1878a, 269 (in A. v.). —Lühe, 1904f (1905b), 166; 1905a(b), 310 (so. al.). —Olfers, 1816a, 51. —Porta, 1905, 190 (so. *pristis*), 191. —Rud., 1809a, 300–301 (in *Clupea rhenana (alosa)*), 401, 438; 1819a, 75 (in C. a.). —Westrumb, 1821a, 31.

sylviarum Rud., 1819a, 77 (in *intest. Sylviæ fitis, lusciniæ, philomelæ, phœnicuri, rubeculæ, rubicolæ, troglodytis*). —Dies., 1851a, 42 (so. *fasciatus*). —Lühe, 1904f (1905b), 204; 1905a(b), 259, 293, 310–311 (cf. *fasc.*) (in *Anorthura troglodytes, Erithacus rubecula, Lusciniæ lusciniæ, L. philomela, Pratincola rubetra, P. rubicola, Phylloscopus trochilus, Rutila phœnicurus, Sylvia fitis*). —Marval, 1905, 249, 251 (so. *cylindraceus*). —Westrumb, 1821a, 27 (= *fasc.*).

tæniiformis Linst., 1890d, 179, fig. 4 (in *Caranx* sp.; Ing.): 1904, 380. —Porta, 1905, 187, fig. 43 (in C. sp.).

tæniatus Linst., 1901b, 419–420, figs. 20–22 (in *Numida rikwæ*; Rukwa-See); 1904, 380; 1908, 28 (in *Pteroclorus namaquay*; Kalahari, Africa). —Fuhrm., 1909 (27), 36 (in *N. ptilorhyncha*; Egypt). —Geddes, 1911, 136 (in N. p.). —Kostylew, 1914, ZA, 187. —Lühe, 1905b, 280, 340. —Marval, 1905a, 197, 204, 212, 213, 307, 332–335, pl. 1 figs. 37–40 (so. *segmentatus*) (in *N. ptilorhyncha, N. rikwæ, Otis tarda*).

tænioides Dies., 1851a, 23 (in *Dicholophus margrati*; Rio Araguay, Matogrosso); 1859, 742. —Crep. 1854a, 59, 60 (in *D. cristatus*; Brazil). —Fuhrm., 1908, v. 10 (1), 23. —Linst., 1878a, 137 (in D. c., *D. margrati*); 1904, 380. —Lühe, 1905b, 240, 342. —Marval, 1905, 198, 338, 339, 341, 347, 350 (so. *Gigantor. compressus*).

tanagræ Rud., 1819a, 673–674 (in *Tanagra*; Brazil). —Dies., 1851a, 55 (in *Oriolus*; B.). —Fuhrm., 1908, v. 10 (1), 22 (in T.). —von Ihering, 1902a, 46 (in T. sp.). —Linst., 1878a, 94 (in *Oriolus spec.*). —Lühe, 1905b, 311 (in T.; B.). —Marval, 1905, 205, 216, 364 (in O. sp., T. sp.). —Westrumb, 1821a, 40.

tarda Rud., 1809a, 308 (in *Otis tarda*); 1819a, 77 (in O. t.; Greifsw.). —Dies., 1851a, 56 (in O. t.). —Duj., 1845a, 516. —Linst., 1878a, 137 (in O. t.); 1900, 375. —Lühe, 1904f (1905b), 158; 1905a(b), 311 (in O. t.). —Marval, 1905, 205, 216, 363 (in O. t.). —Westrumb, 1821a, 41.

tener Linst., 1906, v. 3 (11), 173–174, pl. 1 figs. 15–17 (in *intestine of Spilornis cheela*; Nedunkeni, N. Province).

tenuicaudatus Marotel, 1899d, 226–228 (in *Syrnium aluco*; by Marotel probably in France); 1899b, 291–302, figs. 1–10. —Lühe, 1905b, 167, 169, 217, 340, 343 (cf. *buteonis* Marval, 1904); 1911, 41. —Marval, 1905a, 240, 242, 245, 246 (so. *buteonis*).

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- tenuicollis* Frœl., 1802a, 69-70, pl. 2 figs. 15-16 (in Wildente; by Frœl.).—Baird, 1853a, 62 (= polymorphus).—Dies., 1851a, 49 (so. p.).—Lühe, 1904f (1905b), 183, 210, 311-312 (so. lævis) (= anatis Schrank not Gmel., tereticollis).—Marval, 1905, 234, 235, 265 (so. anatis Gœze).—Olfers, 1816, 51.
- tenuicollis* Westrumb, 1821a, 33 (= polymorphus), 80 (in *Perca schraetser*).—Lühe, 1905a (b), 312 (in *Acerina schraetser*) (is probably lapsus for tereticollis).
- tenuicornis* (Lint., 1891) Porta, 1905a, 191 (refers to *tenuicornis* Lint. as a var.).
- terebr* Rud., 1819a, 668-669 (in *Scomber pelamys*; by Chamisso, 1873).—Dies., 1851a, 40 (in *Pelamys sarda*).—Duj., 1845a, 535.—Linst., 1878a, 220 (in P. s.).—Lühe, 1905a (b), 312-313 (in *Thynnus pelamys*).—Porta, 1905, 190, 192 (so. pristis).—Westrumb, 1821a, 25.
- teres* Westrumb, 1821a, 18 (s. *picae*) (in *Corvus monedula*, C. *pica*; Wien).—Cond.-Franc., 1893, 80-81.—Dies., 1851a, 27 (s. p.) (in C. m., C. p.; M. C. V.).—Duj., 1845a, 515 (in C. m.).—Linst., 1878a, 101 (in C. m.).—Lühe, 1905a (b), 272, 313 (s. p.) (in *Lycus monedula*, *Pica pica*).—Marval, 1905a, 204, 211, 328-332, pl. 2 figs. 48-50, 60 (s. p., hepaticus) (in C. *cornix*, C. m., P. p.).—Oss., 1893a, 35, 36 (in *Caryocatactes guttatus*).—Stess., 1891, 113 (5) (in C. c.; Trieste); 1892, 67; 1898, 134.
- tereticollis* Rud., 1809a, 260, 280, 284, 287 (s. *lævis*, *attenuatus*, *longicollis*, *dobulæ*, *piscinus*, *Tænia longicollis*) (in *Blennius viviparus*, *Cottus scorpius*, *Cypripis* [various species], *Gadus lota*, *Pleuronectes flesus*, *Perca cernua*, P. *fluv.*, *Muræna anguilla*, *Salmo trutta*; by Rud. & Zed., Europe), 310; 1810a, 376 (in intest. *Blennii*); 1819a, 72, 78, 79, 80, 328, 672 (in intestinis *Accipenseris sturionis*, Bl. v., C. sc., G. l., P. c., P. *fluv.*, *Siluri glanis*; in ventriculo Pl. fl.; in *Accipensere husone*, *Cotto gobio*, *Gado merlang*; Wien).—Baird, 1853a, 63 (= *proteus*).—Bellingh., 1844, 257.—Cobbald, 1858b, 157 (in *Blennius pholis*).—Crep., 1829, 44-45; 1837, 310; 1839, 284.—Dies., 1851a, 52 (so. p.).—Kaiser, 1893b, 72.—Krøyer., 1838-40a, 20, 54, 129, 138, 368, 578, 579, 583, 602, 609, 611 (in *Acerina cernua*, A. *vulg.*, *Cottus bubalis*, C. sc., *Lota vulg.*, P. *fluv.*, *Platessa flesus*, *Zoarces viviparus*; 1843-45a, 184, 297 (in L. *vulg.*, P. *flesus*); 1846-53a, 137, 641 (in *Anguilla migratoria*, Sil. gl.); 1852-53a, 1216 (in S. g.).—Linst., 1878a, 229 (in *Pholis lævis*).—Lühe, 1904f (1905b), 180, 207, 237, 241; 1905a (b), 264, 268, 288, 310, 313 (so. *lævis*, cf. p.) (in Ac. st.).—M'Intosh, 1864, 151.—Olfers, 1816a, 51.—Porta, 1905, 193, 196 (so. p.).—Sieb., 1850, 642.—Westrumb, 1821a, 37 (so. p.).
- thecatus* Lint., 1891h, 528-529, pl. 2 [54] figs. 12-22 (in *Roccus americanus*; N. Y.); 1901b, 409, 456, 490 (in *Morone americana*; Woods Hole).—Porta, 1905, 162-163 figs. 16 a-c (in R. a.).
- thymalli* Schrank, 1803b, 220-221 (in den dünnen Därmen der Aesche; Ing.).—Lühe, 1905a(b), 313-314 (so. *lævis*).
- tigrinæ* Shipley, 1903l, 151-152 (in *Rana tigrina*; Biscerat. Jalor).—Porta, 1908, 225, 230 (in R. t.); 1911, ZA, 377-378 (in R. t.).
- todari* Chiaje. [nv.].—Carus, 1885, 133 (in *Ommastrephes todarus*; Nap.).—Linst., 1889a, 117 (in O. t.).
- torquatus* Frœl., 1802a, 70-71 (in Wildente; by Frœl.).—Dies., 1851a, 49 (so. polymorphus).—Lühe, 1904f (1905b), 171, 209, 210; 1905a(b), 312, 314-315 (so. anatis Schrank=filicollis).—Marval, 1905, 263, 265 (so. f.).—Rail., 1893, 570 (=f.).—Westrumb, 1821a, 33 (=p.).
- tortuosus* Leidy, 1850b, 97-98 (in *Didelphys virginiana*; [U. S. A.]); 1856b, 48 (so. *microc.*); 1904a, 33, 91.
- totani* Porta, 1910, v. 35 (22), 701-702, figs. 3 a-b (in intest. *Totanus canescens*=*littoreus*; Firenze).
- transversus* Rud., 1819a, 69, 321-322 (in intest. *Motacillæ stapezinae*, *Sturni vulg.*, *Turdi cyanei*, T. n. sp., T. *merulæ*, T. *saxatilis*; Mus. Wien).—Bellingh., 1844, 256.—Ben., 1858a, 1861a, 285.—Cobbald, 1876, 202; 1879, 446.—Cond.-Franc., 1893, 81-82.—Crep., 1846, 132; 1849, 64.—Dies., 1851a, 38 (in *Saxicola stapezina*, *Sylvia luscinia*, S. *rubecula*, St. v., Tur. cy., T. sax., T. mer., T. *pilaris*, T. *galactotus*, T. *leucurus*; Europe); 1859, 746-747.—Duj., 1845a, 510-511 pl. 7 fig. B. (in St. v., Syl. lus., S. *rubecula*, Sax. st., Tur. mer., T. gal., T. cy., T. leu., T. sax.; Rennes, Mus. Wien, Spain, Ireland).—Kaiser, 1893b, 117.—Koslytew, 1914, ZA, 186.—Linst., 1878a, 87; 1882a, 17-18, pl. 2 fig. 22; 1899a, 34 (in *Lusciola luscinia*).—Lühe, 1904f (1905b),

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- 205, 222; 1905a(b) 315–316 (in *Monticola cyanus*, *M. saxatilis*, *Sturnus v.*, *Sax. st.*, *S. leucura*, *Turdus n. sp.*, *T. mer.*, *T. gal.*, *T. leu.*).—Marval, 1905, 249, 251, 254, 255, 257, 259, 262 (so. *cylindraceus*).—Mol., 1858, 142; 1861c, 264 (in *T. m.*; *Padua*).—Par. 1887, 365–366; 1899, 16; 1899, 100 (in *Merula nigra*; *Portoferrajo*); 1902, 16 (in *M. n.*).—Stoss., 1898, 135.—Wagener, 1857, 79, 83, 84.—Westrumb, 1821a, 20 (in *intestinis Turdi cy.*, *gal.*, *leu. mer.*, *sax.*, *Sturni vulg.* et *Motacillæ st.*).
- trichiuri* Holten, 1802a, 26–27, pl. 2 fig. 7 (in abd. cav. of *Trichiurus gladius*).—Lühe, 1905b, 317 (so. *Tetrar. linguatula*=*Dibothrior. trichiuri*) (in *T. g.*=*Lepidopus caudatus*).
- trichocephalus* Leuck., 1876a, 735, 737, 802 (hng.; *Florida*).—Kaiser, 1893a, 2, 12–13, 14, 15, 17, 21, 22, 27, 30, 31, 32, 34, 35, 65, 69, 71, 76, 108, 115, 116, 117, 118; 1893b, 12, 14, 16, 29, 42, 43, 48, 81, 84, 89, 90, 92, 93, 95, 96, 97, 98, 99, 103, 104, 105, 126, 127, pl. 1 fig. 23, pl. 2 fig. 17, pl. 6 fig. 16–25, 29, 30, pl. 8 fig. 7, 8, 11–13, 16–18, 23, 26.—Lühe, 1905b, 255, 340.—Marotel, 1899, 302.—Marval, 1905, 270, 271, 275, 276, 277 (s. *frasonii*).—Van Cleave, 1916, 167.
- trichuris* Blumenb., 1779a, 410 (in *cecum* of *Homo*; quotes *Wrisberg*, *Gætt.*).—Lühe, 1905b, 317 (so. *Trichuris trichiura*) (in *H.*).
- trigla* Rud., 1819a, 80 (in *Trigla adriatica*; *C. E. V.*).—Lühe, 1905a(b), 301, 317 (cf. *simplex*) (in *T. a.*).—Porta, 1905, 171 (so. *acus*).
- trigl[æ]-gurn[ardi]* Rathke, 1799a, 72, 146, pl. 2 fig. 5 a–b (in *Trigla gurnardus*; *Rathke*).—Dies., 1851a, 41 (so. *simplex*).—Lühe, 1905a(b), 301, 317 (cf. *s.*) (in *T. g.*).—Rud., 1809a, 270 (so. *s.*) (in *T. g.*).—Westrumb, 1821a, 19 (=s.).
- tritonis* Westrumb, 1821a, 42 (in *Triton alpestris*; *M. C. V.*).—Dies., 1851a, 57 (in *T. a.*).—Linst., 1878a, 205 (in *T. a.*).—Lühe, 1904f (1905b), 166; 1905a(b) 317 (in *Molge alpestris*).—Porta, 1908, 232.
- truttae* Dies., 1851a, 51 (so. *proteus*) (quotes *Fabr.*, 1794, 38, pl. 4 figs. 4–6, in *Salmo trutta*; see *annulatus*).—Porta, 1905, 193 (so. *p.*).
- truttae* Schrank, 1788a, 24 (in *Forelle*=*Salmo fario*; *Geeze*, 1782a, 157–158, pl. 12 figs. 5–6); 1803, 220 (in *Grüending*).—Bosc, 1802a, 10.—Brems., 1811, 26 (so. *farionis*).—Dies., 1851a, 33 (so. *fusiformis*).—Gmel., 1790a, 3049.—Lühe, 1905b, 204, 234, 298, 318–320 (cf. *sp. fusaeif.*, *fusif.*) (in *S. f.*, *S. trutta*, *Thymallus thymallus*).—Porta, 1905, 157 (so. *fusif.*).—Ritchie, 1915, 34 (in *s. f.*).—Rud., 1809a, 262 (so. *fusif.*); 1814, 95; 1819a, 67, 317.—Westrumb, 1821a, 16 (so. *fusif.*).—Zed., 1803a, 153 (renamed *fusaeiformis*) (in *Salmo trutta*).
- tuba* Rud., 1802a, 57–59 (s. *aluconis*) (in *Strix flammea* [not *S. aluco* as at first reported by Rud.]); 1809a, 262, 275–277 (s. ? *aluconis*, *stridulae*, *nyctæ*, *strigis*) (in *S. aluco*, *S. stridula*, *S. fl.*); 1814, 96; 1819a, 70, 324 (in *S. bubo*, *S. a.*, *S. s.*, *S. f.*; *Wien*, *Greifswald*).—Cond.-Franc., 1892g, 224–232; 1892h, 178–186.—Crep., 1848a, 163–165.—Dies., 1851a, 37 (s. *al.*, *str.*, *nyc.*) (in *S. al.*, *S. f.*, *S. b.*, *S. s.*, *S. tangmalmi*; *G. M. C. V.*).—Duj., 1845a, 508–509.—Kaiser, 1893b, 74.—Linst., 1878a, 103, 107 (in *Nyctale tengmalmi*, *S. s.*, *Ulula aluco*).—Lühe, 1904f (1905b), 163, 167, 169, 219; 1905a(b), 265, 308, 320, 321 (s. *aluconis* of Rud.).—Loennb., 1891, 76.—Marval, 1905, 217, 219, 226 (so. *al.* *Müell.*).—Olfers, 1816a, 49, 50.—Olss., 1893a, 36.—Westrumb, 1821a, 23, 44, 45, 61.—Zed., 1803a, 153–154 (in *S. s.*, *S. a.*).
- tuberosus* Zed., 1803a, 163 (*rutili* *Müell.* nec *Zed.* renamed) (in *Cyprinus rutilus*; quotes *Müell.*, 2, pl. 61 figs. 1–8).—Cobbold, 1879b, 477.—(rep., 1825a, 26–29; 1846, 150, 152, 154, 155.—Dies., 1851a, 33 (so. *rut.*) (in *Anguilla vulg.*, *Belone acus*, *Esox lucius*, *Gasterosteus aculeatus*, *G. pungitius*, *Leuciscus rutilus*, *Lota com.*, *Perca fluv.*, *Rhombus maximus*; *Greifsw.*); 1859, 745.—Duj., 1845a, 538 (in *G. lævis*).—Hofer, 1904a, 236 (in *A. v.*, *Alburnus lucidus*, *E. l.*, *G. a.*, *G. p.*, *Leuciscus r.*, *Lota vulg.*, *P. fluv.*, *Phoxinus lævis*).—Kaiser, 1893a, 89, 90, 107; 1893b, 117.—Kowal., 1894, 8; 1894, 227.—Kröy., 1838–40a, 578, 592, 593, 609, 612; 1846–53a, 446; 1852–53a, 1221, 1225, 1226 (in *Aspius alburnus*, *Anguilla migratoria*, *E. l.*, *G. p.*, *G. a.*, *Leuc. r.*, *Lota v.*, *Perca fluv.*, *Rho. max.*).—Lam., 1816, 198–199.—Leuck., 1876, 755.—Linst., 1878a, 207, 244 (in *P. fluv.*, *R. m.*).—Lühe, 1905a(b), 275, 295, 297, 321 (s. *rut.* *Müell.* nec *Zed.*).—Nordm., 1840, 642 (in *Cyp. rut.*) (s. *rut.*).—Olfers, 1816a, 50.—Olss., 1893a, 32 (in *G. a.*, *P. fluv.*).—Porta, 1905, 156, 157 (so. *claviceps*).—Rud., 1809a, 257–258, 304, 316 (in *C. r.*); 1819a, 65, 312 (in *C. r.*); 1820, 14.—Stiles & Hass., 1894e, 353 (in *Esox reticulatus*).—Wagener,

ECHINORHYNCHUS—Continued.

tuberosus—continued.

1857, 80, 83, 84, pl. 36A fig. 5.—Westrumb, 1821a, 9.—Zsch., 1896, 818; 1903, 130, 132, 135, 136.—Also reported for *Esox belone*, *Gadus lota*, *Pleuronectes maximus*, *Salmo fario*.

tubifer (Fabr., 1780) Gmel., 1790a, 3044 (in *Phoca barbata*).—Bosc, 1802a, 5.—Crep., 1844a, 128 (*Echinorr.*).—Lühe, 1905a(b), 322, 333 (= *Asc. tubifera* = *A. urksuk* = *Lior. gracilescens*).—Nordm., 1840, 646 (so. L. g.).—Rud., 1809a, 248 (so. L. g.).—Zed., 1803a, 160–161 (in Ph. b.).

tumescens Linst., 1896a, 12, figs. 20–23 (in *Atherinichthys microlepidotus*; Coll. Mich.).—Porta, 1905, 162, 202, fig. 8, a–d (in A. m.).

tumidulus Rud., 1819a, 69 (from Brazil), 320–321, 593, 666–667 (in *Crotophaga ani*, [C. minor, 738], *Falco albicollis*; B.).—Cond.-Franc., 1893, 79, 80.—Dies., 1851a, 30 (s. *catidatus*) (in C. a., C. major, *Cuculus melacoryphus*; B.).—Fuhrm., 1908, v. 10 (1), 22, 23 (s. *buteonis*) (in *Croto.*, *Coccyzus*; B., Europe).—von Ihering, 1902a, 46 (in *Crot. sp.*, Co. sp.).—Linst., 1878a, 71 (in C. a., C. major, *Cuc. mel.*).—Lühe, 1904f (1905b), 168, 185, 207, 218, 234, 238, 250; 1905a(b), 263, 322–324 (pars cf. *megac.*)—Marval, 1905, 240, 241, 244, 245, 246 (so. but.).—Westrumb, 1821a, 22 (= *caud.*).—Also reported for *Cuculus* sp.

tumidulus Mehl. in Crep., 1846a, 151 (in *Pleuronectes*; by Müell.).

turbinella Dies., 1851a, 54 (in *Delphinus hyperoodon*; M. C. V.); 1859, 751.—Ben., 1870, 358.—Borgström, 1892a (1895), in 1–60, 5 pls. figs. 1–54.—Cobbold, 1879, 427.—Jägers., 1891a, 128, 132, 134 (s. *ruber*) (in *Balaenoptera musculus*, B. *borealis*).—Linst., 1878a, 61; 1889a, 26 (in *Hyperoodon rostratum*); 1903u (1904a), 278 (14) (in B. b.; Murman coast.).—Lühe, 1905b, 284, 285, 340 (= *porrigens* of Kaiser).—Mont., 1887, 19.—Porta, 1906, 235, 244, 245, 247, 260, 262, 267, 268, 269 (in B. b., B. m.); 1908, 4.—Shipley, 1899, 262, 263, 264, 265, 266, 268, 269, fig. 2; 1900, 208.

uncinatus Kaiser, 1893a, 2, 14–15, 21–22, 42, 116 (hng.; Fla); 1893b, 6, pl. 6 figs. 11–15.—Marval, 1905, 270, 271, 276, 277, 278 (so. *frasonii*).—Van Cleave, 1916, 167.

undulatus Nitzsch in Gieb., 1857a, 268 (94) (in intest., *Falco brachydactylus*; Germany).—Marval, 1905a, 205, 216, 364 (in *Circaëtus gallicus*).

urniger Duj., 1845a, 541–542 (in *Pleuronectes solea*; Rennes).—Dies., 1851a, 44 (in *Solea vulg.*).—Krøyer., 1838–40a, 612 (in S. v.).—Linst., 1878a, 248 (in S. v.).—Mont., 1887, 25.—Porta, 1904, 4; 1905, 176, 180, 181, 202, figs. 22 a–c (in *Gobius auratus*, *Labrus turdus*, *Lepidoleprus caelorhynchus*, *Myliobatis aquila*, *Solea vulg.*, *Zeus faber*).

uromasticis Fraip., 1882a, 102–103, figs. 8–10 (in *Uromastix acanthinurus*; from Algeria).—Linst., 1889a, 67 (in U. a.).—Lühe, 1905b, 240, 340.—Marval, 1905, 338, 340, 351, 352 (so. *Gigantor. compressus*).

vaginitus Dies., 1851a, 34 (in *Pteroglossus viridis*, *Pipra rupicola*, *Rhamphastos culminatus*; Brazil); 1859, 746.—Fuhrm., 1908, v. 10 (1), 22, 23 (in Pt., Rh., *Rupicola*).—von Ihering, 1902a, 45 (in Pt., Rh., *Rup.*).—Linst., 1878a, 68 (in Rh. c.).—Marval, 1905, 204, 208, 209, 211, 304, 335–337, pl. 4 figs. 117–119 (in *Dolichonyx oryzivorus*, *Podager nacunda*, Pt. vir., *Rup. crocea*, Rh. c.).

vanelli Gmel., 1790a, 3046 (in *Vanellus*; Goeze, 1782a, 155).—Bosc, 1802a, 7.—Dies., 1851a, 31 (so. *lancea*).—Lühe, 1904f (1905b), 241; 1905a (b), 258, 265, 324–325 (so. l.) (in V. *vanellus*).—Marval, 1905, 296 (so. l.).—Rud., 1809a, 308 (in *Tringa vanellus*; Goeze) (= l.); 1819a, 78 (in T. v.).—Westrumb, 1821a, 26 (= l.).—Zed., 1803a, 162 (in T. v.).

variabilis Dies., 1851a, 25 (in *Hypostomus lituratus*, H. *melanopterus*, H. *plecostomus*, H. *auroguttatus*, *Monochirus maculipinnis*; Brazil); 1859, 743.—Linst., 1878a, 247 (in M. m.).—Porta, 1905, 158, 159, 203, figs. 2 a–b (in H. a., H. l., H. m., H. p., M. m., *Pleuronectes* sp.).

vasculosus Rud., 1819a, 75, 334, 581 (in abd. et int. Spari [Bramae] raji; Nap.).—Barbag. & Drago, 1903, 418 (in *Phycis mediterraneus*; Catania).—Crep., 1846, 154.—Dies., 1851a, 45–46; 1859, 748.—Duj., 1845a, 534 (in B. r.).—Krøyer., 1838–40a, 219 (in *Pagellus centrodonatus*).—Linst., 1878a, 216, 248 (in *Lepidopus argyreus*, *Solea vulg.*; 1902, 230, figs. 32–34 (in L. *peronii*).—Lühe, 1905b, 154, 325.—Mol., 1861c, 268.—Porta, 1904, 4 (s. *pumilio*) (in *Gobius cruentatus*, *Pleuronectes manca*); 1905a, 183–184, fig. 36 (in B. r.,

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vasculosus—continued.

E. p., Gob. cr., *G. auratus*, *Gadus morrhua*, *Lepidopus argyreus*, *Lophius piscatorius*, *Merlucius vulg.*, *Ph. med.*, *Pl. manca*, *Sol. vulg.*, *Zeus faber*.—Stoss., 1898, 140.—Wagener, 1857, 80, 84.—Westrumb, 1821a, 29, 49.

ventricosus Rud., 1809a, 294–295 (in *Mustela putorius*; by Rud.); 1819a, 74 (in M. p.; Greifsw.).—Cond.-Franc., 1892, 229.—Dies., 1851a, 49 (in M. p.; Gr.).—Duj., 1845a, 501–502 (in M. vulg.).—Linst., 1878a, 39 (in *Fœtorius putorius*).—Lühe, 1905a (1905b), 325–326 (in *Putorius putorius*).—Müeh., 1898, 56.—Olfers, 1816a, 51.—Porta, 1908, 271 (so. *Corynosoma strumosum*).—Westrumb, 1821a, 33.

versicolor Rud., 1814a, 96–97 (s. *constrictus*, *collaris*, *minutus*) (in *Anas fuligula*, *Fulica atra*; by Rud.); 1819a, 74, 330–331, 672 (in A. f., at Greifsw.; *Anas boschas fera*, F. a., etc.).—Bellingh., 1844, 258.—Bennet & Olivier, 1826a, 31, 32 (in A. boschas, A. fusca, *Fulica atra*, F. chloropus).—Crep., 1839, 285.—Dies., 1851a, 50 (so. polymorphus).—Jassoy, 1820a, 24–25 (in A. f.; G.).—Lühe, 1904f (1905b), 171, 208, 210; 1905a (b), 278, 311, 326 (cf. anatis).—Marval, 1905, 234, 235, 236, 239, 265 (so. anatis Gœze).—Nev.-Lem., 1912a, 845.—Nordm., 1840, 643 (so. minutus), 644 (so. constrictus).—Olfers, 1816a, 51.—Rail., 1893, 559 (=p.).—Stiles & Hass., 1894e, 352 (in A. dom.).—Westrumb, 1821a, 33 (=p.).—Also reported for *Anas anser*, A. fusca.

vesiculosus Schrank, 1790a, 124 (in *Fulica fusca*; Schrank); 1792, 116–117; 1803, 216.—Dies., 1851a, 49 (so. polymorphus).—Lühe, 1904f (1905b), 171; 1905a (b), 326 (in F. f.=*Gallinula chloropus*).—Kaiser, 1893b, 20.—Rail., 1893, 569 (=p.).—Rud., 1809a, 297 (in F. f.) (=constrictus).—Westrumb, 1821a, 33 (=p.).

visianii Dies., 1859e, 748 (for de visianii) (in *Gobius paganellus*; Padua).—Linst., 1878a, 229 (in G. p.).—Porta, 1905a, 178 (so. *incrassatus*).

wachnæ Rud., 1819a, 79, 335 (in *Gadus wachnia*; Tilesius, 1810).—Dies., 1851a, 57 (in G. w.).—Linst., 1878a, 238 (in G. w.).—Lühe, 1905a (b), 327 (=sp. Tilesius).—Porta, 1905, 171 (so. acus).—Westrumb, 1821a, 41.

wedli Sons., 1896m, 438 (in *Erinaceus auritus*; Egypt).—Porta, 1908, AdP, 270 (so. *Chentrosoma buteonis*).

xenopeltidis Shipley, 1903l, 151, 156, pl. 16 fig. 3 (in *Xenopeltis unicolor*; Kwalla Aring).—Porta, 1911, 378 (in X. u.).

xiphæ Gmel., 1790a, 3947 (in *Xiphias gladius*; Redi, 89, pl. 24 fig. 7).—Ariola, 1896a, 117; 1896b, 1; 1900, 437 [=Bothriotænia plicata].—Bosc, 1802a, 8.—Braun, 1895a, 1188.—Dies., 1850a, 591 (so. *Dib. plicatum*); 1851a, 591.—Lühe, 1904f (1905b), 143; 1905a (b), 328 (in X. g.) (s. *Tænia hæruca*, *Bothrioc. plicatus*).—Risso, 1826, 261.—Rud., 1809a, 308–309 (in X. g.); 1810, 257. 1819a, 136 (in X. g.; Berl.) (so. B. p.).—Zed., 1803a, 162 (in X.).

zenis Westrumb, 1821a, 11 (for fabri 1819a, 79) (so. *globulosus*).—Lühe, 1905b, 159, 328–329.

ECHINORHYNCHUS Schrank, 1790a, 123 (for Echinor.).—Crep., 1838a, 373–393; 1839a, 283.—Köhler, 1888b, 422–423 (structure).—Lambl, 1859a, 45–49, figs. 12a–d (in intest. of Homo; apparently Prag, Austria).—Olfers, 1816, 22, 49.—Salensky (1873a).—Stiles & Hass., 1905b, 103.—Zsch. & Feuer-eissen, 1913, v. 23 (14), 313–317, figs. 1–3.

ECHINORYNGUS Sherborn, 1902a, 319 (quotes Beschaf. Ges. Nat. Freunde, 1779, v. 4, 543).—Stiles & Hass., 1905b, 103.

ECHINORINCHUS Bosc, 1802a, 1–4 (for Echinor.).

ECHINORYNCHIDÆ Campb. & Lacr., 1907, 67–68 (for Echinorhynchidæ).

ECHINORYNCHUS Müll., 1776a, 214 (see Echinor.); 1779a, 90.—Brug., 1791a, 107.—Herbst, 1787a, 14, 21, 41.

ECHINORYNCUS Rathke, 1799, 71.

ECHINOSOMA Porta, 1907, Biologica, v. 1 (19), 412–413 (contains: E. gibber, vasculosus, miliaris, roseus, arcuatus, tenieformis, lateralis, heteracanthus, exiguus, pristis, solitarius, nardoi) [not Echinosome Serv., Orthopt; Woll., 1854, Coleopt.; Semp., 1867, Echin.; Girschner, 1881, insect]; 1910, v. 2 (3) (1908), Jhg. 74, 190 (Acanthocephala); 1914, ZA, v. 44, 483–485.—Lühe, 1912, 275.

filicollis (Rud., 1809) Porta, 1910, ZA, 703 (s. Ech. miliaris) (in *Cyprinus dobula*).

peposace Porta, 1914, ZA, v. 44, 483–485, figs. 1–2 (in *Melopiana peposaca*; Argentina).

- ECHINOTHECÆ Dies.—Carus, 1863, v. 2, 463 (div. of *Trichosomum*, contains subg. *Thominx*, *Eucoleus*).
- ECHINURIA Soloviev, 1912, 88, 110-115, figs. 13-15 (type *jugadornata*) (like *Spiroptera*).—Seur., 1916, 354.—Skrj., 1916, CrSB, 972; 1916, 506-507.
jugadornata Soloviev, 1912, 88, 110-115, figs. 13-15 (in *Anas boschas*; Turkestan).—Skrj., 1916, 460, 507-508, figs. 22-24 (in *A. b.*).
phænicopteri (Seur., 1916) Seur., 1916 (1917), CrSB, 934 (1).
spinifera (?Schneid., 1866a) Soloviev, 1912, 112 [quotes Rud. as author of sp.].
uncinata (Rud., 1819) Soloviev, 1912, 112, 113, 115.—Seur., 1916 (1917), 934 (1) (in canard).
- ECHIRAMPUS Raf., 1815a, 151 (*Echynorinchus*, renamed, hence same type.—Stiles & Hass., 1905b, 150).
- ECHYNORHYNCHUS Joy, 1835a, 504 (for *Echinor.*).
- ECHYNORINCHUS Raf., 1815a, 151 (for *Echinor.*) (renamed *Echirampus*, hence, same type).
- ECHYNORYNGUS Bloch, 1779a, 543, 545, 555.
- ELÆOPHORA Rail. & Henry, 1912, BSPE, 117 (tod. *Fil. poeli*).
poeli (Vryburg, 1897) Rail. & Henry, 1912, 117.—Rail., 1915, 509; 1915, IVC, 747 (in buffalo, ox).—Sweet, 1915, 10, 11, 32 (in *Bos bubalis*, *B. indicus*).
- ELAPHOCEPHALUS Mol., 1860e, 343-344 (mt. *octocornutus*) [not *Elaphocephalus* Macleay, 1878, reptile, see Zool. Rec. 1880 (for 1878), v. 15 Rept., 12].—Carus, 1863, 462.—Ols., 1869b, 487.—Stiles & Hass., 1905b, 103.
octocornutus Mol., 1860e, 344 (s. *Spiropt. psittaci-macaonis*) (in *Psittacus macao*; Brazil).
- Elephantiasis (filarial; see also Filariasis and *Fil. bancrofti*).¹
- (BAHIA) Moniz, 1913, Bm, v. 27, 203-206, fig. 1.
- (BRITISH GUIANA) Daniels, 1898e, 878, 879, 880; 1901b, 409.—Daniels & Congers, 1896a, 42-61.—Kennard, 1898a, 44-46 (and deep-seated abscess).
- (CANAL ZONE) Darling, 1909, PCZMA, v. 1, 175-178.
- (EGYPT) Looss, 1905c, 149, 150, 165.
- (FRANCE) Brassac, 1886a, 411-551.—Calmette, 1884a, 456-466.—Cégan, 1894a, 1-77.—Dominici, 1901a, 356-394, figs. 60-64.—Dufougeré, 1907, v. 1, 1-56, pls. 1-13; 1908, BIP, v. 6 (15), 691-692.
- (INDIA) Calvert, 1903, IMG, v. 38 (5), 180.—Lewis, 1875c, 133 (and chyluria).
- (LOND.) Bahr, 1914, AST, v. 18, 849-850; 1914, TICM, (2), 295; 1914, TDB, v. 4 (3), 133.—Cobbold, 1879c, 129-134.—Cobbold & Mans., 1878a, 465; 1878, GmB, v. 3 (9), 391-395.—JTM, 1905, v. 8 (13), 207.—Mans., 1903e, 569-573, 585-586; 1904, TD, 548; 1908, L, v. 174, 1552-1553.
- (MONTPELLIER) Vermeil, 1904a, 1-57.
- (PARIS) [Ruelle, 1802a, 1-70 (les malad. lépreuses)].—Sabouraud, 1892a, 879.—Tribondeau, 1902a, 1419-1420.
- (PHILA.) [Siegfried, 1879a, 249-251 (leprosy)].
- (PORTUGAL) Gomes, 1821b, 1-10.
- (U. S. A.) Russ, 1911, JTMH, v. 14 (2), 32.
- Arabum: (AUSTRIA) Hebra, 1885a, 217-284, figs. 1-11 (s. *Elephantia*, *Elephantopus*, *Dal fil.*, *Dau-ool fil.*, *Djudam*, *Judam*, *Shlipada*, *Koshaviddki*, *Bucnemia tropica*, *Hypersarcosis*, *Hydrokele endemica*, *Hernia carnosae*, *Spargosis fibro-areolaris*, *Sarcoma mucosum*, *Pachydermia*, *Pes febricitans*, *Phlegmasia malabarica*, *Elefantenfuss*, *Knollbein*, *Barbadosbein*, *Barbados leg.*, *Drüsenkrankheit von Barbados*, *Cochinbein*, *Mal de Cayenne*, *Roosbeen van Surinam*); 1885b, 1-68.
- (BONN) Paulus, 1903a.
- (BRAZIL) Bulhões, 1887a, 217-225; 1887, MpD, v. 6 (22), 1212-1214.—Moniz, 1913, Bm, v. 27, 203-206, 1 fig.
- (BRETAGNE) Guyot, 1893a, 115-119.
- (CONSTANTINOPLE) Floras, 1888a, 598-616.

¹ Includes also a few references to Grecian elephantiasis.

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Arabum—Continued.

- (CRACOVIE) Teichmann, 1892a, 1-54, pls. 1-5.
 (FRANCE) Alfonseca, 1879, 1-128.—Barth, 1881a, 546-552, 677-690; 1882, MpD, v. 1 (2), 38-43.—Brochard, 1910, BSPE, v. 3 (6), 401-407.—Calmette, 1884a, 456-466.—Carmichael, 1890a, 1-70.—Castera, 1892a, 1-70.—Dubruel, 1909, BSPE, v. 2 (7), 355-359, 360-364.—Duchassaing, 1854a, 412-429, 706-716; 1855a, 72-76.—Vulpian, 1857a, 303-314.
 (GR. BRIT.) Abbott, 1891, 1014-1015, figs. 1-2.—Fayrer, 1877a, 588.
 (INDIA) Skah, 1902a, 64-65; 1903a, 293.
 (ITALY) Lacava, 1917, PRQ, (195), v. 9, 4-7.
 (MONTPELLIER) Gillin, 1849a, 1-36.
 (PARIS) Moncorvo, 1886a, 100-113, 160-172; 1886b, 1-35.—Pettier, 1885a, 1-60, pl. 1.
 (TAHITI) Lemoine, 1902a, 391-413, figs. 1-16.
 (U. S. A.) Jenks, 1875a, 707-711, figs. 1-2; 1876a, 1-5, figs. 1-2.
 Cases: (AUSTRIA) [Fantin, 1905, Cv, v. 1, 269; 1906, DtW, v. 14 (2), 17 (in a horse)].
 (BERL.) Rasch, 1896a, 1089-1090, fig. 1.
 (BOSTON) Vickery, 1901a, 474-475.
 (BRAZIL) Bulhões, 1887a, 217-225; 1887, MpD, v. 6 (22), 1212-1214.
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 (BRETAGNE) Guyot, 1893a, 115-119.
 (CHICAGO) Johnstone, 1903a, 34-42; 1903b, 1188; 1903c, 338.
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 (DETROIT) Jenks, 1875a, 707-711, figs. 1-2; 1876a, 1-5, figs. 1-2.
 (DEUTSCHLAND) Hentze, 1907, 1-27.
 (GR. BRIT.) Abbott, 1891, 1014-1015, figs. 1-2.
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 (BENGAL) Megan, 1908, JTMH, v. 11 (18), 282.
 (CEYLON) Thornhill, 1897a, 361-363.
 (CUTTACK DISTRICT) Calvert, 1903, IMG, v. 38, 180 (among prisoners in the jail).
 (DEUTSCH OSTAFRIKA) Grothusen, 1913, MBdS, 84-85.—Manteufel, 1913, MBdS, 84.
 (FIJI) Bahr, 1912, 1-200, pls., maps; 1912, N, v. 89, 487; 1912, L, v. 182, v. 1 (19), 1280-1281.
 (GILBERT AND ELLICE ISLANDS) Robertson, 1908, 18.
 (ILES WALLIS) Brochard, 1910, BSPE, v. 3 (6), 401-407.
 (MARTINIQUE) Noc & Stevenel, 1913, BSPE, v. 6, 663-668.
 (M'BOMOU, HAUT-OUBANGUI) Ouzilleau, 1913, AHMc, v. 16, 307, 688 (Fil. volvulus); 1913, BSPE, v. 6, 80-88; 1914, MmW, v. 61 (31), 1755-1756.
 (OSHIMA) Yoshinaga, 1914, AST, v. 18 (1), 886.
 (L'OUELLÉ) Rodhain, 1915, BSPE, v. 8, 734-745.

Elephantiasis—Continued.

Geographic distribution—continued.

- (SAMOA) Leber & Prowazek, 1914, AST, v. 18, 386-394, figs. 1-3.
 (SOUTH CAROLINA) Vickery, 1901c, 206.
 (SOUTHERN LUZON) Phalen & Nichols, 1908, PJS, v. 3B, 293-303, pls. 1-3; 1909, BkW, v. 46 (7), 308; 1909, JTMH, v. 12 (14), 221; 1909, CIB, v. 44 (5), 142.
 (TRAVANCORE) Waring, 1857a, 1-36.
 (TROPICS) Brault, 1901, GdH, v. 74 (53), 509-511; (54), 517-519; 1902, AST, v. 6 (11), 401.
Glabra congenitus: (PHILIPPINES) Acosta-Sison, 1912, BMMS, v. 4 (12), 196-198; 1913, TDB, v. 2 (2), 97-98.
Hæmatology: (PARIS) Tribondeau, 1903b, 997-999.
Location: (LOND.) Man., 1903e, 585.
 —, arms: (LOND.) Mans., 1903e, 593.
 —, genitalia: (CHICAGO) Lord, 1902a, 337-345, figs. 1-3.
 (FRANCE) Alfonseca, 1879, 1-128.—Bergeron, 1845.
 —, —, labia majora: (BRAZIL) Magal., 1878e, 375-390, fig. 1.
 (PARIS) Mondon, 1892a, 293-297.
 —, —, penis: (INDIA) Jones, 1900, IMG, v. 35 (4), 139-140.
 (ITALY) Andruzzi, 1915, AMnc, v. 21, v. 6 (1), 656-657; 1916, TDB, v. 7 (6), 362-363.
 —, —, scrotum: (ALGERIA) Legrain, 1894a, 362-366.
 (BAHIA) Souza, 1878a.
 (BRAZIL) Silva Araujo, 1877a, 492-504; 1878d, 200-215; 1879d, 455-465.
 (BRIT. GUIANA) Gewand, 1896, v. 8, 70.
 (CHICAGO) Fenger, 1891a, 352-361.
 (DEUTSCH-SÜDWESTAFRIKA) Werner, 1902a, 79-82, fig. 1.
 (EGYPT) Looss, 1905c, 149.
 (FRANCE) Audain, 1902, AHMc, v. 5 (3), 494-496; 1906, Lm, v. 10 (2), 58-59.—Kieffer, 1900, AHMc, v. 3, 134.—Jourdan & Buffon, 1897, AMn, 370.
 (HABANA) Galvez, 1857a.
 (ITALY) Andruzzi, 1915, AMnc, v. 6 (1), 656-657; 1916, TDB, v. 7 (6), 362-363.
 (LOND.) Cobbold, 1878h, 369.—Lewis, 1877a, 453-455, figs. 1-3; 1877b, 770-771.—Mans., 1903e, 587, 588, 589, 590, 591, 592.
 (NEW CALEDONIA) Taroni, 1887a, 1-51, figs. 1-2.
 (PARIS) le Dentu, 1906, RMHt, v. 3 (2), 72-76.—Robert, 1898a, 139-142.—Vollemier, 1873a.
 (U. S. A.) Fenger, 1891a, 352-361, figs. 1-3.
 —, —, testicle: (PARIS) le Dentu, 1890a, 763-764.
 —, —, vulva: (SIERRA LEONE) Renner, 1898a, 898.
 —, leg: (BERL.) Ahna, 1911, BkW, v. 48 (49), 2226.
 (CANAL ZONE) Farmer, 1909, PCZMA, v. 1, 187.
 —, limited skin areas: (LOND.) Mans., 1903e, 593.
 —, "membre superieur": (PARIS) Tribondeau, 1900a, 107-135, figs. 1-2.
 —, scalp: (LOND.) Macdonald, 1905a, 97, pl. 1 figs. 1-4.
Pathogeny: (PARIS) Tribondeau, 1902b, 1420-1422.
Prevalence: (CEYLON) Thornhill, 1897a, 361-363.
 (LOND.) Mans., 1903e, 584.
Prevention: (PORTUGAL) Gomes, 1821a, 1-60.
Surgical symptoms: (PARIS) Magal., 1906, TM, 1-49; 1906, RMHt, v. 3 (4), 205-206.
Treatment: (CEYLON) Cast., 1907, JTM, (18); 1908, BMJ, v. 2, 1361-1365, figs. 1-4; 1908, HC, v. 3 (20), 643.—Thomas, 1889a, 209.
 (EDINB.) Elder & Mathew, 1903, EMJ, v. 14 (6), 504-510, pl. 9 figs. 1-2; 1904, MmW, v. 51 (9), 403.

Elephantiasis—Continued.

Treatment—Continued.

(FRANCE) Dubruel, 1909, BSPE, v. 2 (7), 360-364.

(PORTUGAL) Gomes, 1821a, 1-60.

—, Curschmann's drainage: (DEUTSCHLAND) Hentze, 1907, 1-27.

—, elastic bandages: (EGYPT) Looss, 1905c, 149.

(LOND.) Mans., 1903e, 586.

—, electricity: (BAHIA) Silva Araujo, 1879c, 441-454.

—, elevation: (EGYPT) Looss, 1905c, 149.

(LOND.) Mans., 1903e, 586.

—, "fibrolysine": (FRANCE) Clair, 1908, BSPE, v. 1 (5), 285-288, fig. 1; 1908, Pm, v. 16 (40), 315.

—, massage: (EGYPT) Looss, 1905c, 149.

(LOND.) Mans., 1903e, 586.

—, operation: (CALCUTTA) Charles, 1901, IMG, v. 36, 84-99, figs. 1-17.

(DEUTSCHLAND) Ahna, 1911, BkW, v. 48 (49), 2226 (Handleyische Operation).

(DEUTSCH-SÜDWESTAFRIKA) Werner, 1906a, 729-735; 1907c, 221.

(LOND.) Mans., 1903e, 590.

(TAHITI) Lemoine, 1902a, 391-413, figs. 1-16.

—, oscheotomy: (FRANCE) Jourdan & Buffon, 1897, AMn, 370.

ENCHELIDIUM Ehrenb., 1836, 40-41, 57 (mt. marinum).—R. Bl., 1888a, 675.—Carus, 1863, 459.—Duj., 1845a, 238.—Leuck., 1867b, 31 (Euchelidium).—Mol., 1857a, 151.—Nordm., 1840, 546 (Enchildium).—Shipley, 1896 (1901b), 157.—Stiles & Hass., 1905b, 104.—See also Enchilidium, Euchelidium, Enchelydium (see Scudder, 1884, 111).

acuminatum Eberth, 1863a, 24, pl. 3 figs. 4-5 (free; lng.).—Bast., 1865c, 140.—Villot, 1875a, 466 (Mediterranean).

grubii Bast, 1865c, 141 (lng.).

marinum (Muell., 1783) Ehrenb., 1836, 40-41, 57; 1838a, 82.—Bast., 1865c, 140.—Hempelm., 1912a, 108.—Man, 1907, 87 (Zealand).—Nordm., 1840, 547.

subrotundum (Eberth, 1863) Bast., 1865c, 140.

tenuicollis Eberth, 1863a, 23-24, pl. 3 figs. 1-3 (lng.).—Bast., 1865c, 140.—Southern, 1914, v. 31 (54), 14 (Blacksod Bay).

ENCHELYDIUM. See Scudder, 1884, 111 (See Enchelidium.)

ENCHILIDIUM Nordm., 1840, 664 (see Enchelidium).—Duj., 1845a, 238.—Schneid., 1866, 50, 51.

ENOPLIDÆ A., D., & E., 1901b, 9 (for Enopliidæ).

ENOPLIDÆ Baird, 1853a, 28.—Braun, 1883a, 160; 1895b, 212; 1906a, 274.—Cast. & Chalm., 1910a, 402; 1913a, 516.—Cobb, 1915, 115 (contains: *Demonema*, *Enoploides*, *Enoploaimus*, *Enoplus*, *Labyrinthost.*, *Selachinema*, *Triodontolaimus*).—Fiebiger, 1912a, 224.—Rollest., 1888a, 686.—Schneidem., 1896a, 304.—Shipley, 1896, 157.—Sl. & Sw., 1912a, 312.

ENOPLOIDES Savelev, 1912, TSN, 113-114 (tod. typicus) [not *Enoplioides* Fairmaire, 1886, insect.]

murmanicus Savelev, 1912, 114-115 (Kolafjord, Catharinahafen).

pellucidus Savelev, 1912, 115 (im Schlamme; Kolafjord).

tridentatus Savelev, 1912, 116 (Kolafjord).

typicus Savelev, 1912, 115 (im Schlamme; Kolafjord).

ENOPLOLAIMUS Man, 1893a, 118-122 (mt. vulgaris): 1904a, in 51 pp., 11 pls.—Savelev, 1912, TSN, 110-111.—Stiles & Hass., 1905b, 104.

acantholaimus Savelev, 1912, 112-113 (Kolafjord, Catharinahafen, Hirschentfjord).

australis Man, 1904a, 17-18, pl. 4 fig. 6 (on *Eurypodius latreilli*: Orange Bay, Terre de Feu).—Linst., 1907, AN, (for 1901), v. 2 (3), 172.

tenuicaudatus Savelev, 1912, 111-112 (Kolafjord).

vulgaris Man, 1893a, 119-122, pl. 7 fig. 13 (dans le sable de la plage de Trefusis près de la limite de la marée basse: Falmouth): 1907, 87 (Zealand).

- ENOPISTOMA** Mar., 1870a, 22-25 (type probably *hirtum*).—Buëtsch., 1874b, 276 (so. *Enoplus*).—Stiles & Hass., 1905b, 104.—Villot, 1875, 456.
- brevicaudatum* Mar., 1870a, 24-25, pl. G figs. 2-2c (Joliette).
- hirtum* Mar., 1870a, 22-23, pl. F (Frioul, Endoume, Pharo, Joliette, etc.).—Villot, 1875, 459.
- minus* Mar., 1870a, 23-24, pl. G figs. 1-1h (Pharo, Joliette).
- ENOPLUS** Duj., 1845a, 230, 233, 235, 653 (*Tricontus*) (free) (type probably *tridentatus*) [not *Enoplus* Reiche, 1859, coleopt.; *Enoplus* Agassiz, 1846, for *Enoplosus* Lacép., 1802, fish; *Anoplus* Schoenh., 1826, coleopt.; Gray, 1840, reptile: Schl., 1842, fish].—Aur., 1883, 5.—R. Bl., 1888a, 675.—Carus, 1863, 459.—Eberth, 1863a, 31.—Leuck., 1867a, 31.—Linst., 1896a, in 1-21; 1900a, in 117-132, 2 pls.—Mol., 1857a, 151.—Pratt, 1916a, 216.—Rollet., 1888a, 677, 684.—Schneid., 1866a, 23, 28-29, 50-57, 83, 162, 192, 193, 213, 227, 236, 238, 242, 245, 251, 254, 286, 294, 300, 301.—Shipley, 1896a (1901b), 157, 160.—Stiles & Hass., 1905b, 104.—Støedter, W., 1901a, 29, 96.—Southern, 1914a, 48-50.—Villot, 1875, 456, 459.—See also *Tricontus*.
- acutus* Villot, 1875a, 460, 465, pl. 11 fig. 6 a & b (Roscoff).
- alatus* Savelev, 1912, 109 (Catharinahafen, Palafjord).
- atratus* Linst., 1896a, 10, figs. 12-13 (free; Navarin, Puerto Toro).
- attenuatus* (Duj., 1845) Dies., 1851a, 125.
- auriculatus* Savelev, 1912, 109-110 (in *Lithothamnium murmanicum*; Parafjord).
- barbatus* (Carter, 1859) Eberth, 1863a, 42 (marine; Nizza).
- bisetosus* Linst., 1908, 27, figs. 14-15 (free; Lüderitzbuch, Africa).
- brevicaudatus* (Mar., 1870) Villot, 1875a, 460.
- brevis* Bast., 1865c, 150-151, pl. 12 figs. 176-177 (tide-pools: Falmouth).—Man, 1907, 87 (Zealand).—Pratt, 1916a, 216.—Villot, 1875, 465.
- bütschlii* Southern, 1914a, 50-52, pl. 8 figs. 23a-f (Clew Bay).
- caeruleus* Eberth, 1863a, 39-40 (marine; Nizza), pl. 4 figs. 6-12, pl. 5 fig. 3.—Bast., 1865c, 153-154.—Villot, 1875a, 466 (Med.).
- cirrhatu*s Eberth, 1863a, 34-35, pl. 2 figs. 20-22, pl. 4 fig. 17, pl. 5 fig. 4 (free; Nizza).—Bast., 1865c, 153.—Villot, 1875, 463 (to *Discophora*).
- cochleiformis* Schneid., 1866a, 54 (for ? *cochleatus*).
- cochleatus* Schneid., 1866a, 54, 57-58 (im Meer, zwischen Algen; Helgoland), 233, 240, 294, pl. 4 figs. 9-13.—Buëtsch., 1874b, 276 (so. com.).—Villot, 1875, 459.
- communis* Bast., 1865c, 148-149, pl. 12 figs. 164-166 (tide-pools: Falmouth).—Buëtsch., 1874b, 276-277, fig. 35a-b (Kieler).—Ditlevsen, 1912, 231. Man, 1907, 87 (Zealand).—Southern, 1914a, 50.—Villot, 1875, 459-460, 465, pl. 11 fig. 4 a & b, 5 (s. *cochleatus*, *Enoplost. hirtum*).
- coronatus* Eberth, 1863a, 37-38, pl. 3 figs. 13-19 (marine; Nizza).—Buëtsch., 1874b, 272, 278.—Schneid., 1866a, 58.—Villot, 1875, 457 (to *Leptosomatum*).
- crassiusculus* Duj., 1845a, 235 (in water: Vilaine).—Bast., 1865c, 103 (to *Mononchus*).—Stiles & Hass., 1905b, 104.
- denticaudatus* Schneid., 1866a, 54, 58-59 (marine; Helgoland).
- diplechma* Southern, 1914a, 55-56, pl. 8, 9, figs. 25 a-j (Clew Bay).
- dujardinii* Bast., 1865c, 149, pl. 12 figs. 168-170 (tide-pools: Falmouth).—Villot, 1875a, 465 (Eng.).
- edentatus* Linst., 1900a, 127-128, pl. 7 figs. 39-41 (Eismeer, nördlich Spitzbergen).
- elongatus* Duj., 1845a, 234 (in sea water: St.-Malo).—Bast., 1865c, 151 (marine; St.-M.).—Dies., 1851a, 125, 127 (to *Amblyura*).—Stiles & Hass., 1905b, 104.
- erythrophthalmus* Linst., 1896a, 11, figs. 17-18 (free; Uschuaia).
- globicaudatus* Schneid., 1866a, 54, 58, pl. 4 fig. 14 (marine; Helgoland).—Villot, 1875, 457.
- gracilis* Eberth, 1863a, 34, pl. 2 figs. 13-19 (marine; Nizza).
- inermis* Bast., 1865c, 150, pl. 12 figs. 173-175 (marine; Falmouth).—Villot, 1875, 465.
- labiatus* Buëtsch., 1874b, 277, figs. 36a-b (Austernbänke; bei Sylt).—Villot, 1875, 466 (Kieler).
- labrostriatus* Southern, 1914a, 53-54, pl. 8 figs. 24 a-f (Clew Bay).
- leydigii* Eberth, 1863a, 32 (cf. *tridentatus* of Leydig, 1854a, 292).—Bast., 1865c, 152.

ENOPLUS—Continued.

- liratus* Schneid., 1866a, 54, 59, 294, 298, 315, pl. 4 figs. 15-16 (in water; Berl.).—Büetsch., 1873a, 20.
- longicaudatus* Southern, 1914a, 57-58, pl. 9 figs. 26 2-d (Clew Bay).
- macrolaimus* Linst., 1908, 27, pl. 4 figs. 18-19 (free; Lüderitzbuch, Africa).
- macrophthalmus* Eberth, 1863a, 35, pl. 2 figs. 23-24, pl. 3 fig. 6 (marine; Nizza).—Bast., 1865c, 152.—Schneid., 1866a, 58.—Villot, 1875, 460, 466 (free; Med.).
- michaelsenii* Linst., 1896a, 10, figs. 14-16 (free; Uschuaia).—Baylis, 1916, AMNH, 297 (under stones; Roy Cave, Falkland Isl.).—de Man, 1907, v. 7, 12.
- microstomus* Duj., 1845a, 234-235 (in sea water; Lorient).—Bast., 1865c, 152 (marine; L.).—Stiles & Hass., 1905b, 104.
- minor* Villot, 1875, 466 (free; Med.).
- obtusicaudatus* Eberth, 1863a, 36, pl. 3 figs. 7-8 (marine; Nizza).—Bast., 1865c, 152.—Villot, 1875, 460, 466 (Med.).
- oculatus* (Oersted, 1844) Dies., 1861a, 625.—Bast., 1865c, 152.
- ornatus* Eberth, 1863a, 40-41, pl. 4 figs. 13-15, pl. 5 figs. 5-6 (marine; Nizza).—Schneid., 1866a, 54.—Villot, 1875, 460 (to Euryst.).
- pigmentosus* Bast., 1865c, 149-150, pl. 12 figs. 171-172 (tidepools; Falmouth).—Villot, 1875a, 465 (Eng.).
- quadridentatus* Berlin, 1853, AAPwM, 431-441, figs. 1-39 (marine; Trieste).—Bast., 1865c, 154 (quadridentatus, misprint).—Leydig, 1854a, 292, 293.—Wagener, 1857a, 52.
- rivalis* Duj., 1845a, 235 (in water; Seine, Blagnac, Vilaine).—Bast., 1865c, 121 (to Plectus).—Stiles & Hass., 1905b, 104.
- sieboldii* (Köell., 1845) Bast., 1865c, 153.
- species* Schultze in Carus, 1857a, pl. 8 fig. 3 (Adria).—Bast., 1865c, 154, pl. 7 fig. 3.
- stenodon* Duj., 1845a, 234 (in water among algae; Lorient).—Bast., 1865c, 151 (marine; L.).—Stiles & Hass., 1905b, 104.
- striatus* Eberth, 1863a, 36-37, pl. 3 figs. 9-12 (marine; Nizza).—Bast., 1865c, 152.—Villot, 1875, 466 (free; Med.).
- subrotundus* Eberth, 1863a, 33-34, pl. 2 figs. 11-12 (marine; Nizza).
- tenuicollis* Eberth, 1863a, 41-42, pl. 4 fig. 16, pl. 5 fig. 1-2 (marine; Nizza).
- tridentatus* Duj., 1845a, 233-234 (among algae, Toulon; in sea water; Cette, Thau, St.-Malo).—Bast., 1865c, 151.—Hempelm., 1912a, 108.—Leyd., 1854a, 292-294, figs. 10-13 (marine among alga; Med.).—Stiles & Hass., 1905b, 104.
- tuberculatus* Eberth, 1863a, 38-39, pl. 4 figs. 1-5 (marine; Nizza).
- ENSTRONGYLUS Pease & Smith, 1905a, 200 (misprint for Eustr.).
- visceralis* (Gmel., 1790) Pease & Smith, 1905a, 200 (septicæmia).
- ENTEROBIUS Leach in Baird, 1853a, 108 (mt. vermicularis) (so. Oxyuris).—Hall, 1916a, 225.—Rail. & Henry, 1916, CrSB, 114 (s. Oxyurias, Fusarella).
- vermicularis* (Linn., 1758) Leach in Baird, 1853a, 108 (to Oxyuris).—Hass., 1916, 66.—Rail. & Henry, 1916, CrSB, 114.
- ENTEROCOLETA Speiser, 1900b, 30 (subgroup of worms for Arthr. Kolenati); 1901a, 20.
- EORHYNCHUS Van Cleave, 1914, JP, v. 1 (1), 50-51 (for Neor. Hamann, 1892, not Schlater, 1869; hence type is clavæceps=rutili); 1914, v. 25 (2), 253-298, pls. 1-3 figs. 1-46; 1915, 35.
- agilis* (Rud., 1819) Van Cleave, 1914, 51.
- cylindratus* (Van Cleave, 1913) Van Cleave, 1914, 51.
- emydis* (Leidy, 1851) Van Cleave, 1914, 51.
- gracilisentis* (Van Cleave, 1913) Van Cleave, 1914, 51.
- longirostris* (Van Cleave, 1913) Van Cleave, 1914, 51.
- rutili* (Müell., 1780) Van Cleave, 1914, 50.
- tenellus* (Van Cleave, 1913) Van Cleave, 1914, 51.
- EPOMIDIOSTOMUM Skrz., 1916, 461, 477-478 (tod. anatina) (Trichostrongylidæ).
- anatimum* Skrz., 1916, 461, 462, 478-481, figs. 10-14 (under gizzard cuticula of *Anas boschas*, A. b. dom.; prov. Syr-Daria, Central Asia).

- EQUINURBIA** Lane, 1914, IJMR, 381-382 (tod. *sipunculiformis*).
sipunculiformis (Baird, 1859) Lane, 1914, 382-383, pl. 49 figs. 1-4, pl. 50 figs. 5-6B (in *Elephas indicus*); 1915, 105.
- ERYCOCEPHALUS** Marzocchi, 1908, CfB, v. 42, 211 (misprint for *Trichoc.*).
unguiculatus (Rud., 1809a) Marzocchi, 1908, v. 42, 211-212 (in Hasen).
- Esophagostomes**.—Brau, 1913, 585 (in pigs; Cochinchine) [statistics].
- Estrongylosis**.—Perronc., 1913, 84 (includes anquilostomiasis and uncinariasis).
- ETERAKIS** Perronc., 1882a, 305 (for *Heterakis*).
vesiculare Perronc., 1882a, 305 (for *vesicularis* 1791).
- ETHMOLAIMUS** Man, 1880, 21-22 (mt. *pratensis*).—Hofmæn., 1913, 634.—Stiles & Hass., 1905b, 104.
americanus Cobb, 1914, TAMS, v. 33, 96-97 (38, 62-63, 96), pl. 7 fig. 19 (in a spring; Chevy Chase, Md.).
foreli Hofmæn. in Hofmæn. & Menz., 1915, RsZ, 138-139, pl. 4 fig. 7.
gracilicaudatus Cobb, MV, 1915, 41-42 (Maple River, Mich.).
lemanii Hofmæn., 1913, 635, pl. 16 figs. 14-15 (aquatic; lac Léman).—Hofmæn. & Menz, 1915, 139, pl. 4 fig. 5.
pratensis Man, 1880a, 22 (in moist soil; Holland).
revaliensis Schneid., 1906) Steiner, 1913, AHP, v. 8, in 454-456, figs. 4-6.—Hofmæn. & Menz., 1915, RsZ, 140-141, pl. 4 figs. 6a-b, pl. 5 figs. 8-9.
tatricus Daday, 1896, Mte, v. 14, 412-413.
- ETHOLAIMUS** [nv.].—Stiles & Hass., 1905b, 105 (possibly a misprint for *Ethmolaimus*).
- EUASCARIDÆ** Dies., 1851a, 143 (subd. of *Apterocephalæ*), 144 (subd. of *Pteroccephalæ*, contains *Heteropterocephalæ*, *Isopterocephalæ*), 154, 155, 175; 1861a, 656-666 (division of *Gymnoascaridæ*, contains *Apterocephalæ*, *Pteroccephalæ*).—Mol., 1861c, 279, 280, 281, 284.—Oerley, 1885a, 104 (div. of *Asc.*, contains *Apterocephalæ*).
- EUASCARIDEA** Weidl., 1858a, 88 (f., contains *Asc.*); 1859, 282.
- EUBOSTRICHUS** Greef, 1869a, 117-118 (type ?*filiformis*).—Menz., 1917, RsZ, 153.—Stiles & Hass., 1905b, 105.
filiformis Greef, 1869a, 117-118, pl. 7 figs. 1-4 (Nordsee).
guernei Certes, 1889, L 48-L 49, figs. 5-8 (Terre de Feu).—Menz., 1914, AN, 76 (to *Criconema*); 1917, RsZ, 153, 154, 155, 156, 157.
phalacrus Greef, 1869a, 118, pl. 7 figs. 5-6 (Lanzarote).
- EUCAMPTUS** Duj., 1845a, 106-107 (mt. *obtusius*) [not *Eucamptus* Chevr., 1833, coleopt.].—Mol., 1857a, 151.—Schneid., 1866a, 126.—Stiles, 1907b, 37.
obtusius Duj., 1845a, 107 (in *Caprimulgus europæus*; Paris Mus.).—Dies., 1851a, 320 (so. *Str. capitellatus*).
- EUCHELIDIUM** Leuck., 1867a, 31 (probably misprint for *Enchelidium*).—Stiles & Hass., 1905b, 105.
- EUCHROMADORA** Man, 1886a, 66, 67-76 (tod. mt. *vulgaris*).—Cobb, 1914, 26.—Stiles & Hass., 1905b, 105.
africana Linst., 1908, 28, figs. 20-21 (free; Lüderitzbucht, S. Africa).
antarctica Cobb, 1914, SE, 8, 9, 10, 27-28, 1 fig. (Bay; Cape Royds).
denticulata Cobb, 1914, SE, 8, 28, 1 fig. (Cape Royds).
meridiana Cobb, 1914, SE, 8, 9, 28-29, 1 fig. (Bay; Cape Royds).
septentrionalis Cobb, 1914, SE, 8, 9, 26-27, 1 fig. (Bay; Cape Royds).
vulgaris (Bast., 1865) Man, 1886a, 69-75, pl. 12, 13 (marine; Europe); 1907, 87 (Zealand).—Southern, 1914, PRIA, v. 31, 28 (Blacksod Bay, Clew Bay, Clare & Annagh Is.).
- EUCOLEUS** Duj., 1845a, 3, 23, 24-25 (?type *aerophilum*) [not *Eucolus* Muls., 1853, coleopt.].—Eberth, 1863, 44.—Rail., 1916, RMv, 517.—Rail. & Lucet, 1890, 19.
aerophilum (Crep., 1839) Duj., 1845a, 24 (in renard; Wien, Paris).—Chaussat, 1850, 47.—Rail., 1893a, 487 (to *Trichosoma*); 1915, RMv, 505 to Cap. (*Eucolus*) (in cat); 1916, RMv, 517.—Schneid., 1866a, 169 (to T.).—Also reported for *Canis vulpes*.

EUCOLEUS—Continued.

aërophilus (Crep., 1839) Schneid., 1866a, 169 (to *Trichosoma*).—Muëll., 1890c, 64, 67 (in cat) to Tr. (Eu.).

tenuis Duj., 1845a, 24–25 (in lungs, *Erinaceus europæus*; Wien, Paris).—Cobbold 1879, 295.—Linst., 1878, 232–233, fig. 17.—Muëh., 1898b, 50 (in Igel).—Stoss., 1890a, 20 (to *Trichosoma*).

EUCYATHOSTOMUM Mol., 1861a, 435, 455–463 (11, 31–35) (*tsd. longesubulatum*).—Hall, 1916a, 114–115 (type l.).—Rail. & Henry, 1909b, 170 (type *dentatum*): 1912, 565.—Rans., 1911a, 14, 18, 26, 38, 40 (type l.).—Stiles & Hass., 1905b, 105 (*tsd. l.*).

copulatum Mol., 1861a, 462–463 (38–39) (s. *Str. conjugatus caviæ-aguti*) (in *Dasyprocta aguti*; Caiçara, M. C. V.).—Hall, 1916a, 115 (in D. a.; Brazil).—Rail., 1898, 174 (to *Sclerost.*).—Rail. & Henry, 1909b, 170.—Stoss., 1899, 112 (to *Scl.*).

dentatum (Rud., 1803, of Dies., 1851) Mol., 1861a, 459–460 (35–36), pl. 1, fig. 7 (in *Dicotyles albirostris*, *D. torquatus*; Brazil).—Rail. & Henry, 1909b, 170 (genotype).—Stoss., 1899, 94 (to *Oesophagost.*).

longesubulatum Mol., 1861a, 460–461 (36–37), pl. 2 figs. 1–2 (s. *Str. cervi-mexicani*, *S. cervi-rufi*) (in intestino cæco, *Cervus campestris*, *C. rufus*; Brazil, Cujago, M. C. V.).—Hall, 1916a, 115.—Rail. & Henry, 1909b, 170.—Rans., 1911a, 14, 38–40, 123, figs. 15–16 (in *Blastocerus campestris*, *Mazama rufa*; B.).—Stoss., 1899, 113 (to *Sclerost.*).—Also reported for *Cariacus campestris*, *C. rufus*.

spinulosum (Linst., 1879) Rail. & Henry, 1909b, 170.—Rans., 1911a, 14, 38, 40, 122, fig. 17 (in *Capra ibex*; Europe).

EUESTRONGYLUS Campb. & Lacr., 1907, 74 (misprint for *Eustr.*).

visceralis (Gmel., 1790) Campb. & Lacr., 1907, 74.

EULINHOMÆUS Man, 1907, v. 10, 239 (tod. *Linhomœus elongatus*) (subg. of *Linhomœus*); 1907, 84; 1907, MSz, v. 20, 74 (type e.).

elongatus (Bast., 1865) Man, 1907, 87 to *Linhomœus* (*Eulinhomœus*) (*Zealand*).

EUMERMIS Daday, 1911, 508 (mt. *gracilis*) (*Mermithidæ*); 1911, 528; 1913, 244, 275 (mt. *gracilis*).

gracilis Daday, 1911, 508–509, pl. 4 figs. 14–17; 1911, 529–530, pl. 17 figs. 19a–d (*Vierwaldstædter-See*); 1913, 218, 223, 275–276, pl. 4 figs. 14–17 (V.-S.).

zschokkei Daday, 1913, 224.

EUMONODONTUS Rail. & Henry, 1910, 312, 315 (*Monodontus* Mol. renamed) (tod. *semicircularis*); 1912, AdP, 565 (g. of *Bunostomeæ*).—Lane, 1917, IJMR, 419, 433, 434.

semicircularis (Mol., 1861) Rail. & Henry, 1910, 315.

EUNEMATODA [Author?].—Ward, 1916, 676, 677, 703 (division of *Nematoda*).

EURYSTOMA Mar., 1870, 19–21 (*tsd. spectabile*) [not *Eurystoma* Raf., 1818, mollusk; Alb., 1850, mollusk; Kœll., 1853, coleopt.; not *Eurystomus* Roth, 1901, mammal.].—Man, 1907, 33.—Stiles & Hass., 1905b, 105.—Villot, 1875, 460.

acuminatum Man, 1907, 84, 85, 86.—Southern, 1914a, 41 (*Blacksod Bay*).

filiforme Man, 1907, 84, 85, 86, 87 (*Zealand*); 1907, v. 10, 242, 243 (Z.).—Southern, 1914a, 41, pl. 6 fig. 18 (*Blacksod Bay, Clew Bay*).

lithothamnii Savelev, 1912, 117–118 (in *Lithothamnium murmanicum*; Palafjord).

ornatum (Eberth, 1863) Villot, 1875a, 460, 465, 466 (s. *tenue*).

spectabile Mar., 1870a, 20–21, pl. E figs. 1–1b (marine; Endoume).—Villot, 1875a, 466 (Med.).

tenue Mar., 1870a, 21, pl. E figs. 2–2b (marine; île de Pomègue).—Villot, 1875, 460 (so. *ornatum*).

terricola Man, 1907, 33, 84–86, pl. 4 fig. 17; 1907, v. 10, 227, 242–243 (in soil; Walcheren Isl.).—Ditlevsen, 1912, 231.

EUSTOMA Ben., 1871a, 19 (mt. *truncata*) [not *Eustomum* Leidy, 1851].—Oerley, 1885a, 105.

truncata Ben., 1871a, 19, 92, pl. 3 fig. 9 (in *Raia clavata*; Belgium).—Linst., 1878a, 286 (*truncatum*).—Oerley, 1885a, 105 (*truncatum*).

[**EUSTRANGALIS** Bates, (1884) 1885, v. 21, *Insecta* 104, index 4.]

EUSTRONGILUS Fedtsch., 1874a, 64 (for *Eustrongylus*).

gigas (Rud., 1802d) Stüertz, 1902d, 1036 (in *Homo*); 1903b, 164–165 (*gigos*).

- EUSTRONGYLI** Züern, 1882a, 239 (pl. of *Eustrongylus*).
- EUSTRONGYLIDA** Mol., 1861a (b), 437, 602 (13, 178) (f. of *Acrofalli*, contains *Hystrichis*, *Eustr.*, *Calodium*).
- EUSTRONGYLIDÆ** Leiper, 1908 (3), 190.—Cast. & Chalm., 1913a, 561.—Nev.-Lem., 1912a, 651.—Rail. & Henry, 1912, 562.—Skrj., 1916, 463 (of *Jägers.*, 1909).
- EUSTRONGYLIDEA** Dies., 1861a, 622 (subf. of *Strongylidea*, contains: *Prosthecosacter*, Str., *Eustr.*).—Carus, 1863, v. 2, 464 (subf. contains: *Eustr. Crenosoma*, *Prosthecosacter*, Str., *Hystrichis*).
- EUSTRONGYLIDES** Jägers., 1909, v. 2 (3), 1-48, see especially 2-4, 5-27, 43-45 (tod. tubifex).—Gedølst, 1911a, 115.—Rail. & Henry, 1912, 562.—Skrj., 1916, 539.
- africanus* Jägers., 1909, v. 2 (3), 18-20, 45, pl. 1 fig. 7, pl. 3 figs. 30-31, pl. 5 figs. 60-62 (in *Ardea goliath*, *Anhinga rufa*, *Leptoptilus crumenifer*, *Pelecanus rufescens*; Sudan).—Skrj., 1916, 542 (in *Platalea leucorodia*; lac Kul-Kainar).
- elegans* (Olfers, 1816) Jägers., 1909, v. 2, 2, 3, 6, 8, 9, 10-17, 25, 45, fig. 2, pl. 1 figs. 4-6, pl. 2 figs. 23-27, pl. 5 figs. 53-54, 59 (s. *Eustr. tubifex*, *Hystrichis papillosus*, *H. tubifex*, Str. *papillosus*, *S. mergorum*, *S. elegans*, *S. tubifex*, *Tropidocerca paradoxa*) (in *Alca torda*, *Colymbus septentrionalis*, *Harelda glacialis*, *Mergus merganser*, *M. albellus*, *Phalacrocorax carbo*, *Podiceps cristatus*, *P. minor*, *Uria troile*; Mus. Berl., Wien, etc.).—Gedølst, 1911a, 115 (in dom. duck).—Skrj., 1916, 540 (in *Anas boschas*, *Mergus merganser*).
- excisus* Jägers., 1909, v. 2, 3, 24-26, 45, pl. 1 fig. 10, pl. 3 figs. 36-38 (s. *Eustr. papillosus*, *Hystrichis papillosus*, *H. elegans*, Str. *tubifex*) (in *Phalacrocorax carbo*, *P. pygmaeus*; Mus. Wien).—Skrj., 1916, 540-542, figs. 50-53, pl. 8 fig. 54 (in *P. c.*).
- ignotus* Jägers., 1909, v. 2, 2, 3, 20-24, 45, fig. 3, pl. 1 figs. 8-9, pl. 3 figs. 32-34, pl. 5 figs. 63-64 (s. *Eustr. papillosus*, *E. tubifex*, *Hystrichis papillosus*) (in *Ardea cocoi*, *Anhinga anhinga*, *Botaurus pinnatus*; Berl., Wien Mus.).—Seur., 1916, 345 (s. *Agamonema cysticum*, Fil. c., *Spiropt. bicolor*).
- papillosus* (Rud., 1802) Jägers., 1909, v. 2, 2, 17-18, 45, pl. 2 figs. 28-29 (in *Nucifraga caryocatactes*; Mus. Berl.).—Gedølst, 1911a, 115 (in duck, goose).
- perpapillatus* Jägers., 1909, v. 2, 3, 26-27, 45, pl. 1 figs. 11-12, pl. 3 figs. 39-41, pl. 5 figs. 55, 65-66 (s. *pars Eustr. papillosus*, *Hystrichis papillosus*) (in *Ardea leuce*, *Herodias egretta*; Brazil).
- tubifex* (Nitzsch, 1819) Jägers., 1909, v. 2, 3, 5-9, 45, fig. 1, pl. 1 figs. 1-3, pl. 2 figs. 19-22, pl. 5 figs. 52, 57-58 (s. *Hystrichis elegans*, Str. *papillosus*) (in *Colymbus arcticus*, *C. septentrionalis*; Mus. Wien, Coll. Jägers.).—Gedølst, 1911a, 115 (in duck).
- EUSTRONGYLINÆ** Stoss., 1899d, 55, 57 (contains *Eustr.*, *Hystrichis*).—Cast. & Chalm., 1910a, 429.—Fiebiger, 1912a, 258.—Nev.-Lem., 1906a, 269; 1908a, 417.—Rail. & Henry, 1912, 562.
- EUSTRONGYLUS** Dies., 1851a, 82, 325-328 (tsd. *gigas*=*Dictophyme renale*).—Anacker, 1891e, 407.—Bail., 1866b, 59, 60.—R. Bl., 1888a, 727; 1892u, 856-857; 1895, 745.—Braun, 1883a, 149, 169; 1895b, 213, 236; 1903a, 253; 1906a, 322; 1908a, 324; 1915a, 329.—Brumpt, 1910a, 333; 1913a, 534.—Carus, 1863, 464.—Chiari, 1907, v. 1, 654, fig. 731.—Daniels, 1910a, 128, 129; 1914a, 140.—Dav., 1877, cxx.—Galeb, 1878b, 342.—Gedølst, 1911a, 114.—Goldb., 1855a, 113.—von Ihering, 1902a, 47 (in *Canis azarae*, *C. jubatus*).—Kholodk., 1899a, 178.—Leidy, 1886e, 310 (of Packard, 1873, 735, so. Fil. *helecina*); 1904a, 190.—Leuck., 1867b, 13, 14; 1868a, 353-354, 402, 477; 1876a, 615.—Linst., 1909a, 71, 76.—Mol., 1861, 13, 187-188.—Nev.-Lem., 1904a, 97; 1906a, 269; 1908a, 417; 1912a, 651.—Olss., 1869b, 488.—Perronc., 1882a, 307 (*Eustrongili*).—Pratt, 1916a, 222.—Rail. & Henry, 1909a, 85.—Rivolta, 1867.—Rollest., 1888a, 679, 686.—Schneidem., 1896a, 305, 314.—Schneid., 1866a, 28, 49, 126, 127, 193, 204, 237, 296.—Shipley, 1896, 142.—Sl. & Sw., 1912a, 321-324.—Stiles & Hass., 1896c, 151-161; 1905b, 105.—Stødter, 1901a, 15.—Stoss., 1899, 55, 57.—Stüertz, 1902d, 1036 (*Eustrongilus*); 1903b, 164-165.—Tabusso, 1900a, 529-543.—Verdun, 1907, 321.—Wucherer, 1869, 171.—Züern, 1882, 113, 225.
- bronchialis* (Rud., 1819a) Dungl., 1895a, 821 (in bronchial tubes, *Homo*).
- buteonis* Packard, 1873c, 735-736, fig. 63, a, b (under eyes, *Buteo swainsoni*; Snake River, Wyo.).—Rail. & Henry, 1916, BSPE, 367.

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- chordeilis* Packard, 1873c, 736 (in brain, *Chordeilis virginianus*; Campton, N. H.).
[gigante Perronc, 1882a, 307 (see gigas).]
gigas (Rud., 1802d) Dies., 1851a, 82, 326-328 (s. *Lumbrici pars*, *Lumbricus martis* et *canis renalis*, L. sanguineus, L. gulonis sibirici, Asc. visceralis, A. renalis, A. canis et martis, Dioctophyme, Fus. visceralis, F. renalis) (in *Bos taurus*, *Canis fam.*, *C. lupus*, *C. azaræ*, *C. jubatus*, *Equus cab.*, *Gulo arcticus*, *Homo*, *Lutra solitaria*, *L. vulg.*, *Mustela foinea*, *M. martis*, *M. lutreola*, *Phoca vitulina*); 1861a, 723-724 (in *C. f.*, *H.*, *Putorius vison*).—Aducco, 1888a, 359 (case); 1888b, 187-194, 213-224; 1889, 52-69.—Aitken, 1866, 805, 863; 1872, 146, 176; 1874, 57.—Anacker, 1890b, 256; 1892m, 584.—Anders, 1903a, 1258.—Arlaud, 1846, 426-436 (in *Homo*).—Bætz, 1883a, 238.—Bail., 1866b, 60 (to Str.).—Balbiani, 1874a, 125; 1870c, 180-194, pl. 2 (development).—Ballowitz, 1895, v. 7 (65-66), 381-382.—R. Bl., 1888a, 727 (s. *Dracunculus longissimus*, Asc. canis, martis, visceralis, renalis, Fus. visceralis, renalis, Dioctophyme, Str. gigas, renalis), 728, 729, 732, 739, 740, 754, figs. 356-361; 1889a, 704; 1889, 727-740, figs. 356-361.—Braun, 1883a, 169-170; 1895b, 236; 1903a, 290, figs. 215-216; 1906a, 322-323, figs. 210-211 (s. Asc. canis Schrank, martis, visceralis, renalis, Str. gigas, renalis, Eustr. visceralis); 1908a, 324, figs. 263, 264; 1915a, 329, figs. 289-290.—Braun & Lühe, 1909a, 104, fig. 41; 1910a, 112, 113, 114, fig. 41.—Breder, 1882a, 168-170.—Brumpt, 1910a, 472.—Casella, 1903, 1-7.—Cobbold, 1864a, 358-361, fig. 76; 1866, 6; 1866b, 3, 4 (in *Homo*, *Mustela vison*); 1869a, 47, 53; 1873c, 90-91, fig. 18; 1879f, 231-234; 1879b, 208-211, 298, 305, 314.—Craig, 1915, 509 (treatment).—Daniels, 1910a, 128; 1914a, 140.—Dav. 1877a, cxx-cxxii, figs. 67-70, 271-292, figs. 9-11.—Dungl., 1893, 404, 463, 651, 821.—Fedtsch., 1874a, 64 (*Eustrongylus*).—Fiebiger, 1912a, 258, fig. 171.—Fröhner, 1915a, 334.—Galli-Val., 1896b, in 68-71, 91-95, 102-106; 1896d, 442-446, figs. 1-2; 1901c, 361 (in dog); 1908, 610.—Graham-Smith, 1913, 201.—Guiart, 1910a, 469.—Hempel., 1912a, 108.—Huber, 1895a, 307-381 (bibliography); 1896, 595-597, figs. 94, 95; 1908, ZA, v. 3 (1), 105-106.—Hut. & Mar., 1906a, 464, 539; 1913a, 1048; 1913b, 589.—von Ihering, 1902a, 48.—Ijima, 1889, 311.—Ismestzew, 1903a, 509-513 (casuistik); 1903b, 111.—Isola, 1906, v. 17, 87 (in dog).—Janson & Tokishige, 1892, 351.—Kholodk., 1899a, 178.—[Klein, 1730a, 269-273, pls. 1-2 (in wolves).]—Koch, 1910, v. 14, 108-109.—Küech., 1855, 290.—de Lanissan, 1882a, 269-271, figs. 215-218.—Lecoq, 1859a, 666-667 (in *Homo*).—Leidy, 1856b, 54; 1880, 131; 1891a, 410.—Leiper, 1907, 1296.—Leon, 1900, 234.—Leuck., 1867b, 21, 23, 39, 40, 41, 53, 54, 60, 150, fig. 9, 15, 22, 34-36; 1868a, 354-401, 423, figs. 202-227; 1876a, 879; 1879a, 164, fig. 176; 1886d, 128, fig. 76.—Leunis, 1886a, 803, fig. 759.—Lilien, 1894a, 12.—Linst., 1866a, 1-19; 1867a, 1-19; 1876, 11; 1909, 76, fig. 69 (in *Fœtorius lutreola*, *Lutra vulg.*).—Lisitsin, 1885a, 186-188 (in dog); 1887a, 51.—Lutz, 1901a, 256-257.—Mans., 1901c, 547 (in *H.*).—Marotel & Maignon, 1909, v. 1 (13), 299-301 (case).—Martin, 1913, 115; 1914, 115.—Maxfield, 1917, KVCVCQ, 1334 (Tama, Iowa).—Mol., 1861a, 188-191, 630 (in *H.*).—Moniez, 1896, 383-387.—Morehouse, 1898a, 717-718.—Müch., 1898, 9, 10, 46.—Müell., 1892a, 90, 173.—Mosler & Peiper, 1894, 209-211, fig. 79.—Nafiz, 1890b, 59-60 (hematuria).—Nassaglia, 1911, v. 40, 839.—Nassonow, 1899, 61-86.—Nesbitt, 1891a, 449-452; 1893a, 82 (in dog)—Neum., 1892a, 487, 614, 740-746, figs. 362-364.—Neum. & Mayer, 1914a, 445.—Nev.-Lem., 1912a, 775.—Oefele, 1902a, 499.—Ogden, 1900, 269.—Ostertag, 1899a, 420.—Packard, 1896a, 524.—Perronc., 1882, 307-309, pl. 8.—Petrov, 1911, 857.—Pico, 1908, v. 34 (3), 403-405; 1908, v. 31 (38), 615-616; 1909, v. 34 (6), 386-387; 1909, DtW, v. 17 (24), 350 (in dog).—Pomella, 1914, v. 24, 29-33.—Rail., 1889, 130; 1890, 143; 1893a, 419-423, figs. 280-282; 1897, 1134; 1899, 345; 1915, 511; 1915, IVC, 748.—Ratz, 1898, 298.—Rawitz, 1893b, 21-22, 97.—Rindfleisch, 1884, 208.—Rivolta, 1867, v. 2, 6-8.—Rollest., 1888a, 676.—Rondelli, 1898a, 462-466; 1899a, 171; 1899b, 362-363 (in dog).—Rotstadt, 1896a, 147-154, 1 pl.; 1898a, 407-408 (in dog); 1898b, 543; 1898c, 684-685.—Schneidem., 1896, 314.—Schneid., 1866a, 3, 6, 49, 50.—Scott, 1900, 311, pl. 30.—Seifert, 1908a, 555.—Shaw, 1890, 616 (*Estrangylus*).—Shipley, 1896a (1901b), 142.—Silvestrini, 1888a, 255-260 (in dog); 1889a, 132-133; 1889b, 99-100; 1889c, 536; 1889d, 548; 1889e, 104.—Simon, 1897, 510; 1907, 586; 1911, 455.—Skrj., 1915, 89.—Sl. & Sw., 1912a, 321, 322, 323, 324, 404, fig. 182.—Sons., 1889, 281 (in *Canis fam.*); 1897, 253-256 (in *C. f.*; Pisa).—Stiles, 1898d, 469-471, figs. 1-16 (Trumbull's case, probably *Fil. sang. hom.*); 1898e, 505; 1914, MM., v. 2, 316.—Stiles & Hass., 1905b, 105.—Stitt, 1910a, 232, 241; 1916a, 324.—Stoss., 1899, 57-59

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gigas—continued.

(s. *Asc. visceralis*, *A. renalis*, *Fus. visceralis*, *F. renalis*, *Diectophyme gigas*, *Str. gigas*) (in *Homo*: Italy, Austria, Germany, Olanda, Eng., Russia, Central America, Japan).—Stubbenndorff, 1893, 7, 10.—Stüertz, 1902a, 1058 (in man); 1902b, 1223; 1902c, 222; 1902d, 1036, 1903a, 80; 1903b, 164-5; 1903c, 557-587 (*chyluria*); 1904a, 124; 1904b, 209-210; 1904c, 209-210.—Tabusso, 1900a, 529-543.—Trumbull, 1897a, 256-258, figs. 1-2 (case); 1897b, 619-620.—Tyson, 1903a, 1198.—Vallillo, 1907a, 277-280, 1 fig.; 1909k, 191.—Vauil., 1901, 127.—Verdun, 1907, 425-426, figs. 156-157.—Verrill, 1870, 171, 173, 177, 178, 179, 242, 243 (fig.); 244; 1870c, 131-133, fig. 81.—Vogt, 1878, 11, 13.—Ward, 1895a, 302 (to *Diectophyme*), 330 (in *H.*), 334 (in *Bos taurus*), 339 (in *Equus cab.*), 343 (in *Canis fam.*); 1903, 220 (so. *Diectophyme renale*).—Weichselbaum, 1898, 320.—Wood & Fitz, 1897, 339.—Wucherer, 1869, 171.—Züern, 1882, 227, 239, 240, pl. 4 figs. 16-19.

longevaginat (Dies., 1851a) Dungl., 1874a, 381; 1893a (1895a, 1900a), 404.

papillosus (Rud., 1802) Dies., 1851a, 326 (in *Ardea leuce*, *A. cocoi*, *A. pinnata*, *Corvus caryocatactes*, *Carbo cormoranus*, *C. pygmaeus*, *Numenius arquatus*, *Plotus aninga*; Germany, Brazil).—Cobbold, 1859d, 365, pl. 63 fig. 24 (in *Grus antigone*); 1861, 121; 1879, 447, fig. 75.—Jägers., 1909, v. 2 (3), 2, 3, 15, 17 (to *Eustrongylides*), 20, (so. *Eustrongylides ignotus*), 24 (so. *E. excisus*, *Hystriichis neglectus*, 30; 1909, v. 2 (3), 26 (pars, so. *E. perpapillatus*).—Linst., 1899, 156 (to *H.*)—Packard, 1873, 735.—Wyman, 1869, 42.—Also reported for *Coracias garrula*.

renalis (Goeze, 1782 and Gmel., 1790) Guiart, 1910a, 469.—Sl. & Sw., 1912a, 321.

tubifer (Nitzsch, 1819) Dies., 1851a, 325-326 (s. *Str. papillosus*, *S. mergorum*, *S. anatis*, *S. elegans*) (in *Anas boschas dom.*, *A. acuta*, *A. crecca*, *A. clypeata*, *Alca torda*, *Colymbus septentrionalis*, *C. arcticus*, *Mergus serrator*, *M. albellus*, *M. merganser*, *Podiceps cristatus*, *P. minor*).—A., D., & E., 1901b, 4 (in aquatic birds, ducks, grebes, divers, etc.).—R. Bl., 1888a, 729 (to *H.*)—Jägers., 1909, v. 2, 2, 5 (of Nitzsch, so. *Eustrongylides elegans*), 20 (of Nitzsch, so. *E. ignotus*), 28 (pars, so. *Hystriichis tricolor*); 1909, v. 2 (3), 2, 10 (of Nitzsch, so. *E. e.*); 1909, v. 2 (3), 20 (of Schneid., 1866a, 50, so. *E. ignotus*); 1909, v. 2, 26 (of Dies., pars, so. *E. perpapillatus*); 1909, v. 2 (3), 28 (of Dies., 1851a, 325 pars, so. *H. tricolor*); 1909, v. 2, 5 (to *Eustrongylides*).—Leuck., 1868a, 366.—Rail., 1893a, 423 (of Dies., 1851, s. *H. elegans*).—Schneidem., 1896a, 314.—Schneid., 1866a, 49, 50, 311, pl. 13 fig. 10, pl. 15 fig. 14.—Shipley, 1896 (1901b), 142.—Also reported for *Colymbus minor*.

visceralis (Gmel., 1790) Rail., 1885a, 331-332, figs. 220-222 (in *Homo*, cheval, bœuf, chien, loup, putois, marte, loutre, phoque, etc.); 1893a, 419 (so. *gigas*).—R. Bl., 1895, 753-755, fig. 83.—Bossua, 1902, v. 6 (2), 197.—Braun, 1903a, 290; 1908a, 324; 1915a, 329.—Brumpt, 1910a, 472.—Campb. & Lacr., 1907, 74 (*Euestr.*) (so. *Str. gigas*).—Cast. & Chalm., 1910a, 429; 1913a, 562.—Clerc, 1907, 209, 210.—Geddoelst, 1911a, 114 (in dog, horse, hog, ox, man).—Guiart, 1910a, 469.—Neum., 1888a, 656-661, figs. 304-306 (s. *S. g.*) (in dog, cattle, horse), 447, 557.—Neum. & Mayer, 1914a, 445.—Nev.-Lem., 1902a, 95, 102, 103; 1904a, 97, 104, 105; 1906a, 268, figs. A-C, 271; 1908a, 455; 1912a, 775.—Pease & Smith, 1905a, 200 (*Enstr.*).—Remlinger & Hodara-Bey, 1902, 299, 574.—Roger, 1901, 94, 96.—Sl. & Sw., 1912a, 321.—Ward, 1895, 302 (so. *Diectophyme gigas*), 330 (in *H.*), 334 (in *Bos taurus*), 339 (in *Equus cab.*), 343 (in *Canis fam.*); 1903, 220 (so. *Diectophyme renale*).

EUTYLENCHUS Cobb, 1913, JWAS, 437 (mt. setiferus).

setiferus (Cobb, 1893) Cobb, 1913, 437 (on roots of plants; Australia).

EVANSIA Rail. & Henry in R., H., & Joyeux, 1913, 264, 265 (tod. *renniei*) (*Strongylidæ*).

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Fadenwürmer (German vernacular name for Threadworms, referring especially to *Filaria*, *Gordius*, and *Mermis*; in broader sense it refers to the Round Worms in general).—Isert, 1788a; 1799a, 46.—Knauer, 1887a, 254-255.—Looss, 1914, v. 2, 432.—Ratz, 1907, v. 21, 238.—Semmer, 1886a, 62-63.

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- Fadenwürmer (in Raupen): Hettlinger, 1785, v. 26, 1; 1787, v. 14 (4), 508.—Müell., 1859a, 109–115.—Fiedler, 1909, v. 5, 135.
- (in Schmetterlinge): Jablonsky, 1784, v. 13 (1), 119.
- FALCAUSTRA Lane, 1915, IJMR, 109–115 (tod. falcata).—Rail. & Henry, 1916, CrSB, 115 (type falcata); 1916, *ibid.*, 250.
- falcata* (Linst., 1906) Lane, 1915, 109–115, figs. 1–9 (in *Nicoria trijuga*; Colombo).—Rail. & Henry, 1916, 115.
- FASCIOLA Linn., 1758a, 644 (tsd. hepatica) [see Trematode Catalogue].
- lumbricoides* Bloch, 1779a, 553 (in birds).
- FALARIA Leidy, 1904a, 190 (misprint for Filaria).—Stiles, 1907b, 36.
- FIACRA Southern, 1914a, 34–35 (*Anguillulidæ*) (tod. longisetosa).
- brevisetosa* Southern, 1914a, 37–38, pl. 5 figs. 14 a–e (Clew Bay).
- longisetosa* Southern, 1914a, 35–36, pl. 5 figs. 13 a–e (Clew Bay).
- FICTITUM Dies., 1851a, 353 (s. Entozoon Krohn, 1839) (mt. cephalopodum).—[Exceedingly doubtful whether this should be accepted as a generic name.]
- cephalopodum* Dies., 1851a, 353 (in *Eledone moschata*, *Sepia officinalis*; Krohn, 1839, 214).—Stiles & Hass., 1905b, 106.
- Filandre Mol., 1858, 164 (so. F. perforans) (quotes Redi, 24–25) (in *Mustela faina*, *martis*, et *putorius*).
- FILARIA Rud., 1809a, 69 (misprint for Filaria).—Stiles, 1907b, 33, 36.—Stiles & Hass., 1905b, 106.
- FILARIA Müell., 1787a, 64–67 (tsd. martis).
- (AUSTRALIA) Bancroft, 1889a, 49–54.—Johnst., 1913, PRSQ, v. 24, in 63–91, pls. 1–4.—Kreff, 1871a, 210.
- (AUSTRIA) Brems., 1824a, 122–123.—Eiss, 1838a, 24–25.—Frauenf., 1853b, 124–128; 1853d, 193–195 (in insects).—Kolenati, 1857a, 14.—Mahler, 1855a, 76–77; 1856a, 11–12 (in insects).—Sławikowski, 1819, 60.—Wedl, 1848a, 149–151 (in *Cyprinus gobicus*); 1849a, 1–4 (in frog); 1850a, 23.
- (BELGIUM) Ben., 1878a, 274–279.—Firket, 1895, 19.
- (BRAZIL) Magal., 1877d, 57–62; 1878a, 14–19; 1878b, 13–14; 1892d, 11–15; 1892e, 524–528.—Silva Araujo, 1877a, 501; 1878b, 49–54; 1879a, 157–161.—Silva Lima, 1881a, 441–453.—Silva Moura, 1884.
- (BRIT. GUIANA)—Daniels, 1898a, 1011–1012; 1898b, 658; 1898, v. 2 (6), 376; 1914a, 1, 80, 115, 116, 123.—Wise, 1914, BGMA, 87–89 (in wild rats).
- (CANADA) Cullen, 1903, BJHH, v. 14, 352–356 (in birds and porcupine).
- (CONGO) Rodhain, 1907e, 306 (in *Agama colonorum*).
- (CUBA) Plasencia, 1915, RMCH, 522–525.
- (DENMARK) Abildg., 1790, 29.—Dettmar, 1779a, 1–7.—Fabr., 1794, 30; 1797, 18.
- (DEUTSCHLAND) Anacker, 1893c, 146.—Baer, 1827b, 589.—Bischoff, 1840a, 242.—Bouché, 1844a, 205–206.—Braun, 1883a, 181; 1895b, 213–219; 1898a, 1583; 1903a, 253; 1906a, 282; 1908a, 292, 311; 1915a, 308.—Burm., 1837a, 535; 1856a, 279.—Carus, 1863, 184.—Crep., 1829a, 871–882 (in *Bakena rostrata*); 1839a, 277; 1846b, 154, 155, 156, 170, 176, 178.—Ebel, 1778a, 420 (in *Frischling*).—Edelmann, 1914a, 275.—Eichw., 1829a, 251.—Eisig, 1869a, 99–102, figs. 1–2 (in *Halmaturus*); 1870a.—Fröhner, 1915a, 536.—Fülleborn, 1905, v. 52, 2393–2394; 1912, DmW, v. 38 (17), 831; 1912, CfB, v. 66 (2–4), 255–267, 1 chart, pl. 1 figs. 1–4; 1912, AST, v. 16, 153–154 (439–440); 1913, HpM, v. 8, 185–344, figs. 1–41, pls. 1–6.—Fülleborn & Rodenwaldt, 1907, 4 ed., 52–90; 1909, BkW, v. 46 (13), 599; 1909, BIP, v. 7 (7), 306–310.—Goldb., 1855a, 111.—Güenth., 1858a, 196.—Gurlt, 1831a, 347.—Hempel., 1912a, 105.—Köell., 1843a, 85.—Küech., 1855a, 235, 303.—Leuck., 1867b, 63, 116; 1868a, 264; 1876a, 610, 611–616, 643, 649; 1886d, 33, 47, 51, 140.—Linst., 1892g, 511; 1896c, 14; 1898c, in 280–291; 1902a, in 217–232; 1903t, in 352–357, figs. 1–8; 1903u, in 265–294, pls. 1–3; 1904f, 13; 1904n, in 297–309, pl. 1; 1905t, in 355–366, pl. 1; 1905cc, in 267–276, pl. 1; 1906, v. 3, in 163–188; 1906, v. 24, in 1–20, pl. 1; 1906, AN, v. 72, in 249–258; 1907, CfB, v. 44 (3), in 265–267; 1909a, 71, 74.—Martini, 1910, ZHI, v. 67, 111–114, pl. 1, fig. 1 (in *Circus cyaneus*).—Meyer, 1896b; 1897a (in mammals).—Nawrotsky, 1914, CfB, v. 73, 358–362, pl. 1.—Nordm., 1832a, 5; 1840a, 666–669.—Olfers, 1816a, 22, 52.—Rathke, 1837a, 335–336.—Rawitz, 1893b, 250–251.—Rheindorf, 1908b, 332–336, fig. 1 (in *Homo*, spleen); 1908, HC, v. 4 (17), 525; 1909, CPA, v. 20 (5), 215; 1909,

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(EGYPT) Looss, 1892a, 62; 1901a, 41; 1905a, 19; 1905c, 117, 118; 1911a, 182, 183, 188, 224, 231, 532.

(FRANCE) Andral, 1829, 504, 508; 1829, 615.—Assénova, 1899, 66, 79-82, 95-96, 100-101, 110, 112-113, 115, 120-121.—Bail., 1866b, 36-37.—Blainv., 1824a, 513.—R. Bl., 1893y, 445.—Bosc, 1802a, 46-48.—Brumpt, 1910a, 333; 1913a, 497.—Calmette, 1884a, 456 (*Filoria*).—Chatin, 1879a, 204-205 (dans les muscles de l'otarie); 1882g, 812-815.—Chaussat, 1850, v. 1, 22 (in rat).—Condamine & Drouilly, 1878a, 1145-1150.—Cuv., 1817a, 30.—Dav., 1877a, cv-cvi.—Deslgch., 1824n, 386; 1824p, 391-397.—Drouilly, 1892a, 239-240 (in skin).—Duj., 1845a, 42-44, 48.—Fayet, 1910, Riv., v. 67, v. 35 (12), 721-725 (in mule); 1910, BScMv, v. 87, 79-84 ("plaies d'été").—Fourm., 1883a, 297-298; 1883b, 1-3 (in a lemur).—Galeb & Pourquier, 1877e.—Gaz. hebdom. d. Méd., Bordeaux, 1903, v. 24, 246.—Geddelst, 1911a, 105.—Giraud, 1886a.—Hémont, 1827a, 8.—Lannec, 1816a, 493-495.—Lam., 1801a, 340; 1816, 216-217.—Lamour., 1822b, 254.—Langeron, 1903a, 210-211.—Laveran, 1893l, 738-736.—Leblond, 1835d, 129-172, pls. 1-6; 1836a; 1836b, 381-382; 1837c, 84-85.—Legér, 1911, BSPE, v. 4, 629-631 (in *Hyana crocuta*).—L'Herminier, 1826a, 10, 21-22.—Mathis & Legér, 1911, 399-416, pl. 14, figs.—Mégn., 1878l, 1151-1155, pls. 1-2 figs. 1-7.—Moniez, 1896a, 300.—Moq.-Tand., 1859a, 175.—Moty, 1893c, 1201-1203.—Nabias & Sabrazès, 1892f, 597-599 (in irog); 1892g, 401; 1892h, 474-477; 1893a, 488-493, figs. 1-3.—Nev.-Lem., 1904a, 97; 1906a, 289; 1908a, 418; 1912a, 652.—Nielot, 1910, v. 3 (6), 399-401.—Pellieux, 1826a, 289-291 (*Gordius aquaticus*?).—Penel, 1905a, 7.—Rail., 1892, 545-553; 1913, 128-129 (see Stiles, 1913, 129-130); 1916, BSPE, v. 9 (3), 137-140 (in batrachia).—Rail. & Henry, 1911, 576; 1916, BSPE, v. 9 (6), 364-369 (in rapaces).—Rayer, 1843d, 148 (in le dauphin).—Roux, 1906a, 45-49 (in macaque).—Seur., 1916, CrSB, v. 79 (30), 1131-1136, figs. 1-3 (in reptiles; N. Africa).—Suldey, 1914, BSPE, v. 7, 70-71 (in chameleon; Madagascar).—Thioux, 1911, BSPE, v. 4, 525 (in *Larus cirrhocephalus*; Senegal).—Tribondeau, 1903a, 996.—Val., 1856a, 259-261 (in guépard); 1856b, 286.—Valentin, 1811a, 3.—Verdun, 1907, 321, 395-396.—Villot, 1874a, 45.—Wurtz, 1904d, 21; 1904, 97.

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(HUNGARY) Mlinarich, 1832a, 12.

(INDIA) James, 1900a, 83-85.

(IRELAND) Bellingh., 1844a, 474-475.

(ITALY) Aless., 1829, 378; 1838, 1-17, figs. 1-12 (anatomy).—Baldasseroni, 1908, BSei, v. 35, 171-174 (in *Ixodes ricinus*).—Cagny & Gobert, 1907, Dv, v. 1, 729-730, fig. 837.—Chiaje, 1825a, 1; 1833, 1.—Cond.-Franc., 1898a, 1-17 (in *Gobius avernensis*).—Criv., 1845a, 5, 6, 9.—Dubini, 1843a, 5.—

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Grassi, 1889, 5-7; 1890, 180.—Lepri, 1898a, 64.—Mazzanti, 1890b, 145; 1891b, 186.—Mol., 1857a, 151; 1858c, 365-461, pls. 1-2 (monograph).—Perronc., 1882a, 309, 334.—Raf., 1815, 151 (genus of Filaridia).—Rizzo, 1902b, 26-41 (in reptiles; Catania).—Solera, 1876a, 643-647.

(JAPAN) Noro, 1880a (in bladder).—Tanaka, 1904a, 1687-1790, 1897.

(MALAY) Ford, 1902, SIMR, v. 3 (1-2); 1906, VR, v. 18, 900, fig. 1 (aortic).

(NETHERLANDS) Horst, 1889a, lv; 1889a, 16 (in *Felis onca*).—Sl. & Sw., 1912a, 348-364, 392-397.

(PHILIPPINES) Strong, 1901, 28-31.

(PORTO RICO) Ashford, 1908, NYMJ, in 759-760.

(PORTUGAL) Silva Amado, 1873a, 151-153.

(RUSSIA) Fedtsch., 1874b, 51-68, figs. 1-16 (anatomy).—Fisch., 1840a, 152.—Ikow, 1886, v. 50 (1), 96-99.—Kholodk., 1899a, 174.—Mitrofanov, 1882a, 35.—Popov, 1888a, 110-115.—Waga, 1844a, 366-367 (dans les pommes).

(SPAIN) Molina, 1899a, 568.

(SWEDEN) Olss., 1876a, 147 (in *Larus argentatus*); 1869b, 488.

(SWITZ.) Ecker, 1845a, 501-505, figs. 1-2; 1845b, 506-507, figs. 3-4 (vascular system); 1847a, 92-93 (in Raben).

(TRIESTE) Stoss., 1897b (1898b), 13-162 (monograph).

TURKEY Remlinger & Hodara-Bey, 1903, 218, 219, 220, 222, 223, 224.

(U. S. A.) Agnew, 1881, 523.—Dungl., 1893a, 440.—Haldeman, 1847a, 356 (in *Lycosa scutulata*).—Hall, 1916a, 179-180, 181, 182, 183, 184, 185, 187, 188, 191.—Henry, 1897a, 271-275; 1896h, 295; 1897b, 44.—Johnstone, 1904a, 25-30.—Leidy, 1850f, 117-118; 1882a, 69 (in black bass); 1884a, 47-48.—Montg., 1899a, 648.—Rans., 1904, 31, 32, 33, 34, 35, 36, 37, 38; 1911 (127), 99.—Salisbury, 1868a, 371-380, figs. 1-34.—Smith, 1905d, 140.—Stiles, 1907b, 31-51 (type martis), figs. 26-34; 1907e, 582; 1913, 128-130; 1914, MM, v. 2, 244, 272, 305, 308, 312, 316.—Stiles & Hass., 1905b, 106 (type martis).—Stitt, 1910a, 238.—Ward, 1903d, 705; 1903L, 210; 1916, 681, 682.—Weidman, 1913, PANS, v. 65, 126-151 (Phila. Zool. Gardens).—Wellman & Johns, 1912, JAMA, v. 59 (17), 1531-1532.—Wyman, 1869a, 42.

MISCELLANEOUS) Alexander, 1906, 69.—Barrett, 1897, 419.—Blair, 1905, 1147-1153.—Cattoi, 1905, Jan. 7, 12.—Deupser, 1892, 129.—F., S., & T., 1916a, 408.—Feldmann & Dutton, 1905; 1905, 622-623.—Westwood, 1851, 644.

In blood (see also Microfil.): (BAHIA, BRAZIL) Magal., 1892c, 438-441.—Silva Lima, 1880c, 49-62; 1891a, 406-408.

(BRIT. GUIANA) Daniels, 1899d, 1459, figs. 1-9; 1899e; 1902a, 322-323.

(DEUTSCHLAND) Frœhner, 1915a, 432.—Fülleborn, 1908, VGdNA, v. 79 (2), 542.

(DUTCH INDIA) de Does, 1904, 537-551, figs. 1-6; 1905, 317-319; 1905, AST, v. 9 (8), 382-383.

(EAST AFRICA, FRENCH) Thiroux, 1912, BSPE, v. 5, 438-450.

(ERLANGEN) Bäumler, 1873a, 50-51 (and in urine).

(FRANCE) Carougeau & Marotel, 1903, RgMv (8), 447-454, figs. 1-6; 1903, CfB, v. 34 (4-5), 131; 1904, 114; 1904, ESR, v. 15 (5), 519; 1904, ZC, v. 11 (1-2), 32; 1904, FVH, v. 2 (5), 156.—Keser, 1891, Sm, v. 11 (1), 8; 1891, GmB, v. 1 (8), 365-366.—Nabias, 1892a, 455-460, fig. 1; 1892b, 212; 1892c, 171; 1892d, 60; 1892e, 792.

(GÖTT.) Linst., 1900c, 76-84, figs. 1-2; 1904q, 7-8.

(HEIDELBERG) Wasielewski, 1913, HdH, v. 3 (3), 226.

(HUNGARY) Hut. & Mar., 1913a, 929, 933.

(KÖNIGSB.) Lûche, 1897a, 29-32, figs. 1-10.

(LOND.) Selous, 1904a, 1284; 1904b, 905; 1905a, 113-114.

(MILAN) Orsi, 1896a, 311-312, figs. 1-3; 1896b, 607-611, figs. 1-3.

(PARIS) R. Bl., 1900d, 566-574; 1900e, 512 (migrations); 1905, 525.—Calmette, 1886a, 1-46, 1 table.—Laveran, 1893m, 892-893.—Penel, 1904a, 1-156, figs. 1-20; 1905a, 1-162, figs. 1-20; 1905b, 585; 1905c, 187-204; 1906a, 414; 1906b, 703; 1906c, 703-704; 1907a, 426.

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(PISA) Rivolta, 1878d, 44-45.—Sons., 1896, Cm, v. 2 (14).

(TOKYO) Yamada & Yamamoto, 1917, MmF, v. 17, 87; 1917, JAMA, v. 68, 1589.

(TOULOUSE) Maurel, 1888b, ci-cii.

(U. S. A.) Ward, 1906, S, v. 23, 636.

In the eye (see also oculi): (BRUXELLES) Symonds, 1887a; 1887b, 619-620.

(BUENOS AIRES) Rauenebusch, 1913, MmW, v. 60 (52), 2910, fig. 1.

(DEUTSCHLAND) Haselbach, 1884a, 63.

(FRANCE) Drouin, 1907, RMv, v. 84 (4), 142-144; 1907, Rv, v. 64, v. 32 (4), 282; 1907, JTVS, v. 2 (4), 445.

(KANSAS CITY, MO.) Martin, 1915, A, KCVC, v. 2 (10), 155.

(LOND.) Yarr, 1899a, 176-179.

(LOUISIANA) Dalrymple, 1899b; 1899c, 428-431.

(MADISON, WIS.) Hopkins, 1900a, 172-173; 1900d, 329.

(RIO DE JANEIRO) Lallemant, 1844a, 842-843.

(SOUTH SEA) Leber, 1914, BkW, v. 51 (21), 992.

(ROME) Supino, 1900a, 85-91, figs. 1-3; 1904a, 9-10.

—, anterior chamber: (BRUXELLES) Coppez, 1894a, 481-484.

(HABANA) Lopez, 1891a, 269, fig. 1; 1892a, 12.

—, retina: (ANVERS) de Mets, 1896a, 736-742; 1896b, 2.

—, palpebral region: (PARIS) Rochon-Duvigneau, 1911, Pm, v. 19 (91), 932.

—, vitreous body: (BERL.) Schöler, 1876, VbmG, v. 7 (1), 17, 20-25.

(CUBA) Santos, 1879b, 436-438; 1879c, 194-198; 1879d, 795; 1880a, 216-217; 1882a, 116-120.

(JAPAN) Nakaizumi, 1903a, 116; 1903b, 122.

(NICE) Malgat, 1893a, 280-283.

(PARIS) Fano, 1868a, 389-391; 1869a, 140-142; 1876a, 172-174.

—, regio macularis: (JENA) Kuhnt, 1888a, 541-555, fig. 1.

—, of bovines: (ASTAFFORT) Guittard, 1888a, 304 (circum-ocular).

(CAPE COLONY) Hutcheon, 1889h, 209.

(EGYPT) Piot-Bey, 1886a, in 161-165.

(INDIA) Lingard, 1905a, 1-59, figs. 1-9; 1905e, 893-894; 1905f, 1299; 1905g, 933-934; 1905h, 381; 1905u, 268-269; 1906, AdP, v. 10 (2), 289; 1906, JTVS, v. 1 (2), 175-207, tables 1-8; 1907, AN, v. 2 (3), 17.

(ITALY) Grisone, 1851a, 418.

—, of dog: (PHILADELPHIA) JCMVA, 1896, v. 17 (4), 290-291.

—, of horse: (AUSTRIA) Brandl, 1879, MVTO, (6).

(DUTCH W. INDIES) Adams, 1887, AMv, v. 36 (11), 616-619.

(FRANCE) Carougeau & Marotel, 1902, BSSv, 266; 1903, CfB, v. 33 (1), 15; 1903, OK, v. 7 (6), 88.—Neum., 1897b, 75-84, figs. 1-4; 1897c, 481-482; 1897d, 457; 1897e, 138-140.

(INDIA) Lingard, 1905a, 1-59, figs. 1-9; 1905e, 893-894; 1905f, 1299; 1905g, 933-934; 1905h, 381; 1905u, 268-269; 1906, AdP, v. 10 (2), 289; 1906, JTVS, v. 1 (2), 175-207, tables 1-8; 1907, AN, v. 2 (3), 17.—Twining, 1825a, 345-362; 1828a, 114-119; 194-198.

(INDIES) Neum., 1896b, xv-xvi.

(ITALY) Grisone, 1851a, 418.

(NEWARK, N. J.) Kipp, 1879a, 104-105.

(NEW HAVEN) Lee, 1840a, 278-295, figs. 1-2.

(STOCKHOLM) Lindqvist & Berggren, 1865a; 1866a; 1868a, 80.

(U. S. A.) Morgan, 1786a, 383-391.—Turnbull, 1878a, 351-355, figs. 1-4; 1879a, 657-664, figs. a-c; 1879b, 100-102; 1879c, 606-608; 1880c, 462-465.

—, of mule: (SPAIN) Garcia, 1916, VR, v. 28, 430.

—, of turkey: (PARIS) O'Zoux, 1910, CrSB, v. 68, 974-975; 1910, GrSnv, v. 59 (41), 988; Rv, 1910.

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Birds: (BRIT. GUIANA) Kennard, 1902d, 69–72.

(CANADA) Cullen, 1903, BJHH, v. 14, 352–356.—Elliott, 1903a, 64–65 (crow).

(DEUTSCHLAND) Anacker, 1887c, 513 (treatment).—Gehrke, 1903a, 287; 1903b, 608 (crow).—Hamann, 1893a, 555–557; 1893b, 52 (ducks).

(FRANCE) Thierry, 1869a; 1870a, 141–142; 1872a, 282–283 (Goldfasan).

(GR. BRIT.) A., D., & E., 1901b, 1–92, pls. 1–19; 1903, HR, v. 13 (3), 123–124.—Coles, 1906, BMJ, v. 2, 1215–1216 (blackbirds).—Sambon, 1907m, 304; 1908a, 643 (red grouse).—Symmers, 1906a, 995; 1906b, 340; 1907a, 184–185 (blackbirds).—Thomson, 1907a, 17.

(ITALY) Angelici, 1906, Cv, v. 29 (23), 553–556, figs. 1–2 (passeri); 1906, T, v. 45 (8), 181; 1907, BtW, (2), 32; 1907, JTVS, v. 2 (1), 151–152.—Mazzanti, 1891b, 186 (nel piccione).

(NIGERIA) BMJ, 1901, v. 1 (2089), 98.

(QUEENSLAND) Bancroft, 1889a, 58–62; 1893, AN, v. 2, 65.

(RUSSIA) Itefko, 1913, BSPe, v. 6, 592–594.—Skrj., 1915, v. 27, 131–138 (Turkestan fowl).

(SPAIN) Arango Lombardero, 1908, Ve, v. 50, v. 51, 426–427.—Macdonald, 1904, CiMP (14), 124 (sparrow).

(MISCELLANEOUS) Fox, 1910, 22 (starling, toucan).

Buffalo: (FRANCE) Bernard & Bauche, 1912, BSPe, v. 5, 109–114.

(INDIA) Rail., 1903c, 149; 1903e, 254–258; 1904a, 195; 1904b, 112; 1904c, 173; 1904d, 181.

Camel: (EGYPT) Mason, 1906, JCPT, v. 19, 118–120; 1906, Cv, v. 29 (33), 810; 1906, BIP, v. 4 (23), 1000; 1907, JTVS, v. 2 (1), 149–150; 1908, CfB, v. 41 (7–10), 313; 1908, ZI, v. 4 (3–4), 306.

(LOND.) Leese, 1909, JTVS, v. 4 (3), 300–304.

(TUNIS) Pricolo, 1913, CfB, v. 67, 478–479.

Cat: (AMES, IOWA) Repp, 1902a, 433; 1902b, 165; 1902c, 646; 1903c, 216–217 (peritoneal).

(FRANCE) Bernard & Bauche, 1912, BSPe, v. 5, 109–114.

(GR. BRIT.) Holmes, 1845a, 125 (in bronchi of calf).

(INDIA) Rail., 1903c, 149; 1903e, 254–258; 1904a, 195; 1904b, 112; 1904c, 173; 1904d, 181.

(ITALY) Franchi, 1916, RMv, v. 92 (5), 175–176.—Garino, 1902a, 469–473; 1902b, 660; 1902c, 507; 1902d, 249; 1902e, 867–868; 1903a, 110–111; 1903b, 13; 1903c, 78; 1903d, 79–80; 1903e, 356.

(NETHERLANDS) Ten Broeke, 1905a, 255–257; 1905b, 162; 1905c, 353–354; 1905d, 47; 1905e, 334–335.

Reptiles: Seur., 1916 (1917), CrSB, 1131–1136 (11–16), figs. 1–3 (N. Africa).

abacis-striolæ Dies., 1851a, 90 (so. Gord. *feroniæ-striolæ*) (quotes Kirby & Spence, 1826b, 230; 1828d, 237) (in *Abax striola*; by Macleay).—Sieb., [1842e, 160; 1843a, 81].

abbreviata Rud., 1819a, 4–5, 210, 555 (in *Motacilla stapazina*; Mus. Wien).—Aless., 1838, 12.—Crep., 1846b, 155, 159, 160, 161, 162, 164, 172 (in *Falco naevius*, M. s.).—Dies., 1851a, 226 (so. *Spiropt. philomela*), 268 (s. *turdorum. motacillarum, motacilla*); 1861a, 702.—Duj., 1845a, 52.—Fedtsch., 1874a, 61 (in *Motacilla, Saxicola, Sylvia, Turdus, Passer*; Europe, America).—Gescheidt, 1833a, 445 (in F. n., M. s.).—Gurlt, 1845a, 246 (in F. n.), 259.—Linst., 1878a, 80, 84, 86, 140, 91, 92, 95, 97; 1883a, 286; 1886c, 11; 1903u, 269.—Mol., 1858c, 396–397, 425 (so. ?*myotheræ-chrysopygæ*).—Mûeh., 1898b, 50.—Nordm., 1832a, 17 (in *Saxicola stapazina*).—O'Zoux & Henry, 1909, 547.—Rans., 1904, 31, 32, 33, 45, 48, 49, 50.—Rayer, 1843d, 148, 149 (in M. s., F. n.).—Stoss., 1897, 57, 143, 144, 145, 147; 1883a, 286; 1886, 74 (24), pl. 1 fig. 6.—Also reported for *Furnarius leucopus*, *F. rufus*, *Luscinia philomela*, *L. rubecula*, *Motacilla melanoceph.*, *Saxicola oenanthe*, *S. st.*, *Sylvia rubecola*, *Sturnus pyrrhoc.*, *Turdus pilaris*, *T. viscivorus*, *Tanagra jacapa*, *Thryothorus polyglottus*.

abbreviata Magal., 1888a, 11 (for *abbreviata*, Rud.).—Rans., 1904, 32.

acanthoditis Dies., 1851a, 95 (so. Gord. *chordodes*).—Sieb., 1850k, 334 (in *Acanthoditis glabrata*; Brazil) (so. *Chord. parasitus*).—Villot, 1874a, 61 (so. G. c.).

FILARIA—Continued.

- acetabulata* Linst., 1901b, 411–412, figs. 4–5 (in Alcedo or Halcyon; Langenburg, Nyassa-See, Africa); 1906, 7.
- achtheris-percarum* Nordm., 1832, 87 (in *Achtheres percarum*; by Nordm., Europe).
- acili-sulcati* Dies., 1851a, 92 (so. *Gord. acilii-sulcati*) (in *Acilius sulcatus*; Eng., Hope, 1838, 302 and 1840a, lxxxiv).—[Sieb., 1842e, 151, 161.]
- aculeata* (Crep., 1825) Linst., 1876a, 4–5, fig. 6 (in *Charadrius hiaticola*; Ing.).—Also reported for *Aegialites hiaticula*.
- acuminata* Rud., 1809a, 66–67, 77 (s. nuptæ, lepidopterorum γ phalænarum, δ nuptæ, uncinata, Gord. larvarum) (in larva of *Noctua nupta*; Gœze, 1782a, 127, pl. 8 figs. 4–6); 1819a, 6.—Assmuss, 1865, 52 (so. *Mermis albicans*).—Duj., 1845a, 66.—Lam., 1816, 219.—Nordm., 1840a, 668–669.—Olfers, 1816a, 55.—Riley, 1878, 334 (to M.).—Schränk, 1788a, 3 (named nuptæ).
- acuminata* Linst., 1907, v, 44 (3), 265–267, figs. 3–4 (in pulm. arteries of *Lutra vulg.*; embryos in blood; Coll. Senckenberg, F. a. M.).
- acuta* Dies., 1851a, 277 (s. *colymbi*) (in *Podiceps cristatus*, by Brems.; *P. cornutus*, by Dies., M. C. V.).—Cobbold, 1879b, 448.—Linst., 1909, 74 (in *Colymbus cristatus*, *C. nigricollis*).—Mol., 1858c, 411.—Mûeh., 1898b, 50.—Stoss., 1897b, 57–58 (45–46) (in *P. c.*; Rostock).
- cuticauda* Mol., 1858c, 379 (s. *dasypodis-gyrni*, d. *novemcincti*, d. *nigri*) (in *Dasypus loricator*, *D. niger*; M. C. V., Ypanema).—Stoss., 1897b, 58.
- acutiuscula* Mol., 1858c, 388 (in *Canis azaræ*, *Dicotyles albirostris*, *D. torquatus*; M. C. V., Caçara).—Gedøelst, 1911a, 105.—von Ihering, 1902a, 47.—Nev.-Lem., 1912a, 804.—Rail., 1893, 508.—Rail. & Henry, 1911, 389 (in *Dicotyles*).—Stoss., 1890, 56; 1897b, 18 (6) (in *D. a.*, *D. t.*, *Vulpes azaræ*, *Canis* fam.; Brazil, Venezia); 1902, 12.—Ward, 1895a, 343 (in *C. fam.*).—Also reported for *D. labiatus*.
- ægyptiaca* (Sons., 1874) Braun, 1883a, 183 (in *Homo*; Egypt).—Dolley, 1894a, 993; 1901, 993 (so. *sanguinis hominis*).—Ijima, 1889b, 339, 366.—Stiles, 1907b, 44 (so. *bancrofti*).
- æqualis* Mol., 1858c, 383–384 (s. *myrmecophagæ-jubata*) (in *Myrmecophaga jubata*; Brazil).—Dies., 1861a, 704 (to *Solenonema*).—Stoss., 1897, 58.
- æthiopica* Val., 1856a, 259–261 (in guépard; Paris, Jardin des Plantes, from Kordofan); 1856, 286.—Ben., 1878a, 278 (in g.).—Braun, 1883a, 183; 1903a, 260 (so. *medinensis*); 1908a, 293; 1915a, 304.—Cast. & Chalm., 1910a, 417; 1913a, 541.—Dies., 1861a, 698 (to *Dracunculus*).—Ijima, 1889b, 339.—Leuck., 1876a, 646.—Mol., 1858c, 373–374 (in *Felis jubata*; from Kordofan at Paris).—Rail., 1889, 74.—Stiles, 1907b, 37, 40 (so. *D. medinensis*).—Stoss., 1897, 30 (so. m.).—Ward, 1903, 210 (so. m.).—Also reported for *Cynailurus guttatus*.
- æthiopika* Schneidm., 1896a, 306, for *æthiopica* (so. *medinensis*).—Stiles, 1907b, 40.
- affinis* Rud., 1819a, 4, 209–210 (in *Fringilla* sp.; Spain).—Aless., 1838, 11, 13.—Crep., 1846b, 162, 164, 172.—Dies., 1851a, 268.—Duj., 1845a, 54.—Fedtsch., 1874a, 61 (in *Passer hispaniolensis*; S.).—Mol., 1858c, 396.—O'Zoux & Henry, 1909, 547.—Stoss., 1897, 58–59.—Reported for *F. hispaniolensis*.
- agama* Rodhain, 1906, v, 42, 545–546, 1 fig. (in blood of *Agama colonorum*; Ubangi); 1907e, 306.—Johnst. & C'eland, 1912, 490.—Leiper, 1908, 191 (in A. c.).
- agamofilaria* Cast. & Chalm., 1913a, 1683 (for *F. (Agamofilaria)*).
- agrotidis-ripæ* Dies., 1851a, 104 (to Gord.) (in *Agrotis ripæ*; Sieb., 1850k, 335).
- alata* Rud., 1809a, 67–68 (in *Simia maimon*; by Albers); 1819a, 27.—Mol., 1860b, 974 (so. *Spiropt. simiæ*).
- alata* (Rud., 1819) Schneid., 1866a, 93, pl. 6 fig. 5 (in *Ciconia nigra*; by Brems.).—Stoss., 1891b (c), 89 (9) (to Disph.) (in *Ardea purpurea*, C. n., *Nycticorax griseus*).
- alaudæ* Zed., 1803a, 39 (circa ventriculum *alaudæ*; Gœze, 1782a, 125).—Rud., 1809a, 72–73.—Stoss., 1898, 95.
- alcedinis* Rud., 1819a, 635 (in Alcedo; Brazil).—Duj., 1845a, 55–56.—Mol., 1858c, 413 (so. *physalura*), 426 (in *A. superciliosa*; Caçara) (so. *alcedinis-superciliosæ*).
- alcedinis-superciliosæ* Mol., 1858c, 426 (s. *alcedinis*) (in *Alcedo superciliosa*; Caçara).

FILARIA—Continued.

- amphiumæ* Leidy. 1856b. 56 (in *Amphiuma* means; [N. A.]); 1904a. 103.—Mol., 1858c. 431–432.—Rail., 1916, BS*Pe*, 138.—Stoss., 1897b, 59.
- anabatis* M. C. V. in Mol., 1858c. 401 (so. *sphærophora*).
- anatis* Rud., 1809a. 71 (in *Anas*; by Paullinus); 1819a. 10.—Bail., 1866b, 41.—Duj., 1845a. 58.—Fiebiger, 1912a. 236.—Gedølst, 1903a. 47; 1911a. 106 (in duck).—Linst., 1909a. 75 (in *A. boschas*).—Mol., 1858c. 429.—Nev.-Lem., 1912a. 808.—Stoss., 1897. 59.—Zamini, 1908. 178.—Reported for *Anas boschas* dom.
- angu[i]llæ* Ishii, 1916, 214–220, figs. 1–4.
- anhingæ* Wyman, 1868a (b). 100–104 (1–7). figs. 1–7 (in brain of *Plotus anHINGA*; Fla.); 1869a. 41–43. figs. 1–7; 1872a. 560–561.—Leidy. 1886e. 310 (so. *helecina*).
- annulata* Mol., 1858c. 386. pl. 1 figs. 5–7 (s. *simiæ macaco barrigæ*) (in *Cebus lagothrix*; Brazil).—Stoss., 1897b. 59.—Also reported for *Lagotherix cana*.
- annulosa* Baird. 1853a. 8 (in *Steropus* (*Pterostychus*) *madidus*; Gr. Brit.).
- anolabiata* (Mol., 1859) Stoss., 1897b. 51 (39). 149 (137) (in *Crax fasciolata*; Brazil).—Rans., 1904. 21.
- anseris* Nitzsch in Rud., 1809a. 86 (so. *Trichoc. capillaris*).
- anthicola* Linst., 1903u. 272 (in *Anthus richardi*; N. China); 1906, 7.
- anthuris* (Rud., 1819) Schneid., 1866a. 82. 83. 96 (in *Corvus glandarius*).—Linst., 1873g. 297–298. pl. 13 figs. 5–6 (in stom. *C. cornix*; by Linst.); 1878a. 100 (in *C. frugilegus* [so. *Oxyspirura sygmoidea*]; 1891e. 295; 1895a. 532.—Mueh., 1898b. 50.—Rans., 1904. 29.—Stiles. 1907b. 37.—Stoss., 1889f, 182–183 (5–6). pl. 5 fig. 9 (in *C. f.*; Zagabria); 1891b (c). 88 (8) (to Disph.).—Wolffh., 1900. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 39. 42.—Also reported for *Coracias garrula*, *Corvus corax*, *C. cornix*, *C. corone*, *Garrulus glandarius*.
- antilava* Mol., 1858c. 381 (s. *dasypodis-gilvipedis*) (in *Dasyopus gilvipes*; M. C. V., Aldea S. Anna).—Stoss., 1897b, 59 (47) (in *D. sexcinctus*; Brazil).
- apapillocephala* Cond.-Franc., 1892e. 168–179 (s. *inermis* Grassi) (in horse and æ., Italy); 1892f. 109–120.—R. Bl., 1895. 785 (so. *conjunctivæ*).—Braun, 1903a. 274 (so. c.); 1908a. 308; 1915a. 323.—Ast. & Chalm., 1910a. 420; 1913a. 532.—Sl. & Sw., 1912a. 362.—Stiles. 1907b. 45 (so. c.).—Supino. 1900a. 91 (so. i.).—Reported for *Equus asinus*, *E. cab.*, *Homo sap.*.
- aphidis gallarum abietis* Dies., 1851a. 100 (to Gord.) (quotes Hartig, 1834. 31).
- aphroditæ* Chiaj[en].—Par., 1894a. 244 (in *Aphrodite aculeata*; Nap.).
- apis-terrestris* Cat. R*CSL*, 1830, 37 (in humble-bee).
- appendiculata* McCrady, 1874a, 189 (hng).
- appendiculata* Schneid., 1866, [nv.].—Rail., 1916. BS*Pe*, 139 (in *Triton tæniatus*).
- aquatilis* Duj., 1845a. 68, pl. 3 Fig. E (under leaves of *Nymphaea*; Rennes).—Daday, 1913. v. 27. 215. 242, 245, 255 (to *Limnomermis*).—Corti, 1902a, 111, 112 (a *Paramermis*).
- aquilæ* (Gmel., 1790) Rud., 1809a. 70.—Baird, 1853a, 6 (so. *attenuata*).—Brems., 1811, 24 (so. a.).
- aranææ* Rud., 1809a, 78 (in *Aranea* sp., by Latr.); 1819a, 12.
- aranearum* Schrank, 1803b, 186 (in einer Spinne; Ræsel, pl. 35 fig. 5).
- ardææ* M. C. V. in Mol., 1858c, 391 (so. *subspiralis*).
- ardææ* Nawrotzky, 1914, C*IB*, 361, figs. 13–14 (in heart, *Ardea alba*; Petrograd Zool. Gard.).
- ardææ* Stoss., 1897b, 60 (48) for *ardææ* (*sublingualis*) (in *Ardea exilis*; Brazil).
- ardææ-cinereæ* Rud., 1809a, 72 (in *Ardea cinerea*; by Braun); 1819a. 9.—Dies., 1851a, 269 (=subspiralis).—Duj., 1845a. 56.—Mol., 1858c. 391 (so. *subspiralis*).
- ardææ-exilis* M. C. V. in Mol., 1858c. 428 [so. *ardææ* (*sublingualis*)] (in *Ardea exilis*; Rio Araguay).
- ardææ-nigræ* Rud., 1819a. 9. 218 (in *Ardea nigra*; by Rosa).—Dies., 1851a, 282 (in *Ciconia nigra*).—Mol., 1858c, 428.—See *labiata*.
- ardææ-nycticoracis* Cobbold, 1861e. 123–124 (ova encysted in mesentery of *Ardea nycticorax*; Lond. Zool. Gard.).
- ardææ-purpureæ* Crep., 1846b, 165 (quotes Aless.).

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- ardeæ (sublingualis)* Mol., 1858c, 428 (s. *ardeæ-exilis*) (in *Ardea exilis*; Rio Araguay).
- ardearum* Rud., 1819a, 636 (in *Ardea*; Brazil).—Duj., 1845a, 56.—Mol., 1858c, 434-435.—Stiles & Hass., 1894e, 346 (in *A. herodias*).—Also reported for *A. coçoi*, *A. leucæ*.
- armata* Gescheidt, 1833a, 442-444, 445 (in eye of *Falco lagopus*; by Gescheidt [perhaps Germany]); 1834a, 55; ?1833, v. 3, 38.—Crep., 1846b, 160, 163, 172.—Dies., 1851a, 275; 1861a, 703.—Leuck., 1876a, 627.—Linst., 1878a, 112.—Mol., 1858c, 404, 448.—Rail, & Henry, 1916, BSPE, 367 (in *Archibuteo lagopus*).—Rans., 1904, 33, 46.—Rayer, 1843d, 146, 148, 149 (in *F. l.*).—Stoss., 1897b, 60, 140.—Also reported for *Buteo lagopus*.
- ascaroides* Linst., 1879b, 322-323 (in *Cercopithecus mona*; Ing.).—Meyer, 1896b, 77, 78.—Stoss., 1897, 50 (in *C. m.*).
- aspera* Nitzsch in Giebl., 1857a, 268 (in *Strix brachyotus*; Coll. Nitzsch.).—Rail, & Henry, 1916, BSPE, 368 (in *Asio accipitrinus*).—Stoss., 1897b, 60 (48) (in *Otus brachyotus*).—Reported for *Aegolius brachyotus*.
- attenuata* Rud., 1803a, 3 (s. *cornicis*) (in Kræhe; by Rud.); 1809a, 58-59 (in *Corvus cornix*); 1819a, 4, 208-209.—Aless., 1829, 378-383 (in *Ardea purpurea*); 1838, 2, 3, 6, 7.—Baird, 1853a, 6 (s. c., *aquila*, *falconum*, *strigis*).—Bellingh., 1840a; 1845a, 475.—Ben., 1878a, 278.—R. Bl., 1849a, 156-157, pl. 6 fig. 4.—Borrell, 1875a, 399, 1 fig. (in blood of crow).—Bosc, 1830a, 59 (so. *falconis*). 59 (so. st.), 60 (so. c.).—Brems., 1811a, 14, 16, 24; 1824a, 123; 1824c, pl. 1 figs. 6-7.—Cobbold, 1858b, 164 (in *Falco peregrinus*); 1879b, 447.—Crep., 1846b, 155, 157, 160, 162, 172.—Deupser, 1892a, 131; 1894a, 28, 36, 37.—DZTVP., 1889, v. 15, 317.—Dies., 1851a, 266; 1861a, 702; 1861c, 280.—Duj., 1845a, 50-52, 66.—Ecker, 1845a, 503.—Fiebiger, 1912a, 234.—Galli-Val., 1901c, 359 (in *C. corone*).—Grassi, 1888r, 616; 1888s, 776.—Gros, 1849a, 557.—Gurlt, 1845a, 244, 245, 247, 248, 252, 253, 254.—Küch., 1855a, 271.—Lam., 1816, 218; 1840a, 667.—Leidy, 1856b, 56.—Leuck., 1863a, 50, 52; 1876a, 519, 614, 676; 1879a, 61, 64, 67; 1886d, 47, 49, 51, 52.—Linst., 1879b, 315; 1891e, 292; 1899b, 25, pl. 6 fig. 78 (in *F. p.*); 1901e, 273; 1903b, 268.—Looss, 1892a, 101.—Mol., 1858c, 375 (pars so. *foveolata*), 394, 402 (so. *nodispina*), 407 (so. *quadridens*), 441, 443, 444, 445; 1858d, 155; 1861c, 316 (in *C. cornix*, *C. frugilegus*; Padua).—Müell., 1904a, 120.—Nordm., 1840a, 667.—Olfers, 1816a, 55.—Par., 1900c, 197 (in *Asio brachyotus*; Brazil).—Rail, & Henry, 1916, BSPE, 364, 365, 366, 367, 368.—Rans., 1904, 33, 37, 48, 49.—Schneid., 1866a, 2, 4, 80, 89, 108, 234, 235, 244, 245, 300, 309, pl. 5 fig. 16, pl. 22 fig. 3.—Seur., 1915, 23-25, figs. 24-27 (in *Circus pallidus*, *Falco biarmicus*, *erlangeri*; Algeria); 1916, 343, 355.—Shibley, 1896, 134; 1902, 605, 612.—Sieb., 1850, 664.—Skjr., 1915, 134; 1916, 550.—Stiles & Hass., 1894e, 346 (in *Sturnella magna*).—Stoss., 1891, 217; 1897, 5; 1897, 55, 141, 142, 146; 1898, 96.—Volz, 1900, 142.—Wedl., 1855, 308, pl. 1 fig. 9; 1856, 57, pl. 3 fig. 39.—Westrumb, 1821a, 68 (in *F. cyaneus*).—Wolffh., 1900, 10, 38, 39, 40, 42.—Also reported in *Aegolius brachyotus*, *Athene perlatæ*, *Buceros*, *Brachyotus palustris*, *Caryocatactes cyanomelas*, *Cassicus viridis*, *C. yuracares*, *Colaptes auratus*, *Corvus caryocatactes*, *C. corax*, *C. cyanomelas*, *C. glandarius*, *C. monedula*, *C. pica*, *C. pyrrhocorax*, *C. splendens*, *Falco lanarius*, *F. subbuteo*, *F. sp.*, *Garrulus glandarius*, *Otus brachyotus*, *Raptatores*, *Strix brachyotus*, *Sturnella ludoviciana*).
- attenuata* Zed., 1803a, 38 ("in erucis"; Ing.).—Rud., 1809a, 67 (renamed *plicata*).
- attenuata falconis-picæ* M. C. V. in Mol., 1858c, 392 (so. *verrucosa*), 400 (so. *papilloso-annulata*) (in *Falco swainsonii*; Caiçara, Matogrosso).—Rans., 1904, 37.
- attenuata strigis-flammæ* M. C. V. in Mol., 1858c, 408 (so. *hystrix*) (in *Strix flammea*; Ypanema).
- attenuato-verrucosa* M. C. V. in Mol., 1858c, 394 (s. *thamnophili*) (in *Thamnophilus canadensis*; Rio Negro, Brazil).—O'Zoux & Henry, 1909, 547.—Stoss., 1897b, 60 (48) (in *T. c.*).
- australis* Linst., 1897c, 610-611, pl. 28 figs. 6-7 (in *Petrogale penicillata*, Australia); 1905t, 358; 1906, 7.—Leiper, 1911, PZSL, 620 (in wallaby).—Smith, 1908, 269 (in *P. p.*).—Stoss., 1897b, 29-30.
- bacillaris* Mol., 1858c, 379 (s. *crocodili*) (in *Champsia nigra*, *C. sclerops*; Matogrosso, Ujaba, M. C. V.).—DZTVP., 1889, v. 15, 317.—Stoss., 1897b, 60.—Also reported for *Caiman sclerops*, *C. niger*, *Jacare sclerops*, *J. nigra*.

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- bancrofti* Cobbold. 1877g. 70-71 (in Homo; Australia); 1877i. 495-496, figs. a-f; 1878a. 69; 1878c. 366; 1878g. 64; 1878h. 356-370 (life history); 1878i. 80; 1878k. 222-223; 1879b. 157, 180, 205, 486, 487, figs. 39, 40; 1879c. 129-134; 1880e. 58-64, 74; 1880f. 115; 1880k. 130-132; 1882b. 38-42 (literature); 1883w. 513; 1882nn. 1623-1625, figs. 95-96.
- (AFRICA) Blatin & Joyeux. 1908. AdP. v. 12 (1). 31, fig. 1; 1908. BIP, v. 6 (15), 692; 1908. CFB. v. 42 (14-16). 499-500.—Hodges. 1902b. 299.—Prout, 1901a, 210.
- (AUSTRALIA) Bancroft. 1899a. 120; 1899b. 48-62, figs. 1-8; 1899c. 91-94; 1900a. 149-153; 1900b. 248; 1900. AST. v. 4 (3). 200-201; 1901. AST. v. 5 (4). 141-142 (in *Culex ciliaris*).—Cleland & Johnst.. 1912. v. 2. 113 (s. F. (*Microfil.*) *nocturna*, *F. sanguinis hominis*) (in Homo; Queensland).—Johnst. & Cleland, 1911, JPRS, v. 44, 183.—Nicoll, 1914, Sept. 17, 4 (Queensland).
- (BARBADOES) Councilman. 1900a. 758-759; 1900b. 843 (abscess in testicle).
- (BELGIUM) Firket. 1895b. 669-685.—Gedrolst. 1911a. 106 (in Homo).—Meuleman, 1908, ASrzm, v. 43, 150.
- (BRAZIL) Magal.. 1877a. 545; 1886a. 97-100; 1887a. 129-216; 1887b. 49-65, 109-130, 152-165, 200-212, pls. 1-5; 1887c. 273; 1887d. 234-235; 1887e. 1012-1014; 1892h. 511-514; 1893a. 43; 1894c. 540-546.—Moniz. 1913. Bm. v. 27. 203-206, 1 fig.—Santos. 1877b. 95-100.—Silva Lima. 1877, Sept., 388, 394; 1877, Nov., 488, 489, 490, 491, figs. 1-3. a-e; 1878c. 440-441; 1878f. 181-184.
- (BRIT. GUIANA) Daniels. 1896a. 62-69, pls. 1-2; 1898a. 1011, 1012; 1898c. 3; 1898d. 13-18; 1898e. 878-880; 1899d. 1459, pl. 1; 1901c. 272, fig. 1; 1902, Dec., 357, 358, 359, figs. 1-2; 1903, 120; 1910a. 71, 77, 105, 167; 1914a. 80, 95, 115, 118, 183, 192.—Daniels & Stanton, 1907a. 122, 123, 126, 128, 217, 249.—Wise, 1909, v. 12 (18), 276-277 (spermatocord) (*bancroftii*); 1914, BGMA, 1-27.
- (CHINA) Maxwell, 1916, 238.
- (CUBA) Finlay, 1882a. 40-51.—Ortiz, 1915, RMCH, v. 20, 519-522.
- (DEUTSCHLAND) Ackermann. 1863, 233-237; 1865, 127-132.—Baumler, 1873a. 407-417; 1880a. 285-286; 1889a. 49, 54; 1898a. 271.—Braun, 1883a, 183 (*bancroftii*); 1895b. 221-223; 1903a. 264-268, 287-292, 298, figs. 197, 202; 1906a. 288, 296; 1908a. 296; 1915a. 308, 321, 430, figs. 273-277.—Deupser, 1892a. 131; 1894a. 32.—Fiebigler, 1912a. 235.—Fuëlleborn, 1913, 301-306, figs. 28-29, pl. 1 figs. 11-18, pl. 4 figs. 3, 8, 12, pl. 2 figs. 1-2, pl. 3 figs. 1-2.—Heller, 1888, 87-95.—Hempelm., 1912a. 108.—Huber, 1894a. 268; 1896a. 604 (so. *sanguinis hominis*).—Koch, 1910, v. 14 (1), 95, 97-99.—Leuck., 1879a. 66, 68, 163, 179; 1886d. 46, 50, 127, 140.—Linst., 1892b. 88-92, figs. 1-5 [pars=*magalhaesi*]; 1892c. 1034-1035; 1900c. 76, 78, 79, 80, 82, 83, fig. 1; 1905, 126-219, 511-514 (so. *mag.*); 1906, 387-391; 1907, 266; 1914, 445-457.—Ludwig & Sæmisch, 1895a. 738.—Lühe, 1900, 440, 443.—Neum. & Mayer, 1914a. 68, 383, 386, 388, 389, 391.—Schneidem., 1896, 306 (so. *sanguinis hominis*).—Seifert, 1908a. 548.—Wasielewski, 1908, 13; 1913a. 305, 327.—Weichselbaum, 1898, 318.
- (EGYPT) Looss, 1904b. 553, 554; 1905c. 147-167, 170; 1905m. 285; 1911a. 245, 246.
- (FIJI) Boissière, 1904, v. 7, 179.
- (FRANCE) Assénova, 1899, 50, 51, 94, 101.—R. Bl., 1895, 746; 1895, 771-777; 1899e. 526, 532; 1900d. 566-574; 1900f. 280-291, figs. 1-7; 1902c. 145-147; 1903, BAM, v. 49, 368-372; 1904, 9; 1905, 525-537, 538, 542, figs. 288-291 (s. *sanguinis hominis*); 1906, 373.—Bourel-Roncière, 1878, 114-125; 1878, 200-215; 1888a. 135.—Brimont, 1910, v. 13 (2), 203-215; 1910, v. 8 (18), 806.—Brumpt, 1904, v. 56, 758-760; 1910a. 435, 461; 1913a. 498.—Carougeau & Marotel, 1903, 447, 448, 454.—Guès, 1879a. 171.—Guiart, 1910a. 454, 469.—Labadie-Lagrave & Deguy, 1899a. 459, 460.—Leger & le Gallen, 1914, BSPE, v. 7 (2), 125-129 (Guadeloupe).—Marotel, 1906b. 164, 165.—Mathis. 1914. 222, 226.—Mesnil, 1913, ICHD, 186, 193, 197.—Nabias & Sabrazès, 1896a. xlviii-liv, figs. 1-3.—Nev.-Lem., 1902a. 95, 116, 117, 118; 1904a. 97, 118, 119, 120, 121, 123, 125; 1906a. 293, 294, 296, 298, 299, 301, 307, 308, 309, figs. A-B, A-C, 1-2; 1908a. 471; 1912a. 787.—Penel, 1905a. 10, 11-66, 81, 141, 144, 145, 146, 148.—Rail., 1889, 127; 1893a. 515, 526.—Seur., 1916, 345.—Simond, Noc. & Aubert, 1909, 322.—Vaull., 1901, 120, 131.—Verdun, 1907a. 396-409, figs. 140-148 (in *Culex pipiens*, China; *C. fatigans*, Antilles; *C. skusei*, Australia; *Myzomyia rossi*, Indes; *Pyretophorus costalis*, Niger; *Panoplites africanus*, Zambesi; *Stegomyia calopus*, Niger).

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bancrofti—continued.

- (GR. BRIT.) A. D., & E., 1901b, 43-46, 47.—Cast. & Chalm., 1910a, 8, 408, 447, 815-816; 1913a, 13, 522, 529, 535, 539, 597, 1123-1124.—Cobbold & Mans., 1878a, 456.—Dutcher, 1914, JTMH, v. 17, 163.—Dutton, 1901b, 409, 410; 1901c, 272, fig. 1 (escape of larvæ from mosquitoes).—Eve & Barnard, 1899a, 1363, figs. 1-2.—Fagge & Pye-Smith, 1902a, 472.—Leiper, 1913, 270, 272, 273-274, figs. 16-20.—Lewis, 1873, 5; 1873, 234.—Low, 1899, June 17, 1459.—Mans., 1880, 66, 69, 70, 61; 1884a, 367-388; 1897d, 1837; 1899f, 644-646; 1901c, 558, 559, 560, 561; 1903, 545-547, 555-580 (in *Anopheles nigerrimus*), 597, 600, 601, 603; 1904, 547, 553, 564, 566, figs. 74, 74a; 1907, 107, 594, 595, 596, 602, 603, 611, 612, 616, 619, 645, 647, 649, 673, 677, 684, figs. 82, 83, 84.—Minett, 1911, JTMH, v. 14 (8), 114-116.—Rollest., 1888a, 683, 685, 686, 688.—Sambon, 1902a, 422-426; 1902b, 313; 1905c, 39-40 (life history).
- (HUNGARY) Hut. & Mar., 1906a, 942; 1910b, 1047; 1913b, 1059.
- (INDIA) Forbes, 1894a, 301-304.—Green, 1902b, 130-131.—Lingard, 1905, 2.—Maitland, 1898b, 361-362; 1899a, 399.—Sibthorpe, 1889a, 1344-1345, figs. 1-4.
- (ITALY) Addario, 1885, 143.—Bonis, 1882a, 117, 121.—Grassi, 1888r, 614.—Grassi & Noè, 1903, v. 8, 275.—Lacava, 1916, Malaria, v. 7, 221-225, 1 fig., 1 pl.; 1917, PRq, v. 9, 4-7 (elephantiasis); 1917, AIs, v. 27, 391-392; 1917, BIP, v. 15, 409.—Noè, 1901, 275-353, pls. 1-3; 1902c, 776-777; 1903c, 476; 1908, 286, 290; 1908, v. 16, 382.—Perronc., 1882a, 313.—Solieri, 1903a, 83, 130; 1903b, 429-445, 364-365; 1904a, 798.—Sons., 1896, 326; 1899a, 700-715; 1900a, 328-329; 1904a, 8.
- (JAPAN) Bætz, 1883a, 238.—Hida, 1904, TIS, 209-218; 1911, CfB, v. 60 (1-2), 133-141, figs. 1-9.—Ijima, 1889b, 350.—Miyake, 1908, ZHI, v. 59, 351-361, pl. 1; 1908, v. 4 (16), 486; 1908, HR, v. 18 (22), 1346; 1908, CfB, v. 42 (14-16), 499.—Taniguchi, 1904f, 492-500, figs. 1-3; 1904g, 476-477; 1904h, 218; 1904i, 654; 1904k, 345-346; 1905a, 69; 1905c; 1906a, 752; 1906b, 312.—Yamada & Yamamoto, 1916, TIKZ, v. 30, 465-473 (cause of periodicity); 1916, China MJ, v. 30, 463; 1917, TDB, v. 9, 275; 1917, MmF, v. 17, 87-93; 1917, JAMA, v. 68, 1589.
- (NETHERLANDS) de Does, 1905, 317-319.—Sl. & Sw., 1912a, 348, 349, 361, 362, 393, 395, 396, 403, 404, fig. 195.
- (NEW CALEDONIA) Nicolas, 1910, v. 3 (10), 737-738.
- (PHILIPPINES) Walker, 1914, 483-491, pl. 1.
- (PORTO RICO) Bird, 1917, BAmPR, v. 23; 1917, TDB, v. 10, 122.
- (RUSSIA) Kholodk., 1899a, 180.—Mordw., 1908, AMz, Petrograd, v. 13 (1-2), 193, 194, 195.
- (SPAIN) Font y Torné, 1894c, 73-80; 1894d, 85-86.
- (SWITZ.) Galli-Val., 1907, 215.—Genhart, 1909, CSA, v. 39, 239-243.
- (TRIESTE) Stoss., 1897, 18-20.
- (TURKEY) Remlinger & Hodara-Bey, 1902, 300, 302; 1902, 574, 577; 1903, 219.
- (U. S. A.) Brooks, 1903, PNYPS, v. 3, 28-39; 1903, BIP, v. 1 (10), 430; 1904 CPA, v. 15 (2), 59-60; 1904, FVH, v. 2 (5), 157; 1903, MN, v. 82 (16), 764-765; 1903, MR, v. 63 (12), 472-473.—Brown, 1903, MN, v. 82 (16), 765; 1903, MR, v. 63 (12), 473; 1903, PNYPS, v. 3, 39-42; 1904, MSRBH, v. 1, 381-384, figs. 1-2.—Craig, 1915, AJTDPM, 15.—Dungl., 1893a (1900a), 440 (so. medinensis).—Fenger, 1891a, 352-361.—Johnstone, 1903a-c.—Pratt, 1916a, 219, fig. 351.—Simon, 1897, 97; 1907a, 191; 1911a, 130.—Slaughter, 1891, 329-335.—Smith & Rivas, 1914, AJTDPM, v. 2 (6), 361-377, pl. 19 fig. 1.—Stiles, 1907b, 43 (in *Homo*; Australia), 44, 45 (of Magal., in *Homo*; Brazil); 1907, 613, 614, 615, 619, 620, 621, 624; 1914, MM, v. 2, 305, 306, 307, 308, 311.—Stitt, 1910a, 232, 236; 1914a, 263, 264, 266.—Tyson, 1903a, 1194-1195.—Ward, 1895, 320, fig. 76 (pars. so. magalhãesii), 330; 1903, 213, 214, 215 (pars. so. mag.), figs. 3546-3549; 1916, 682, 683, 684-686, 687, 688, 689, 690, figs. 4088, 4090, 4091.—Wellman, 1908, 118; 1909, 39.
- (MISCELLANEOUS) Baur & Cervera, 1914, v. 39 (11), 644 (case); 1914, v. 22 (51), 491.—Carré, 1872 (14); 1878, 951.—Crowell, 1910, v. 10 (3-4), 86-87 (in inguinal lymph node).—F., S., & T., 1916a, 390-393, 395, 396, 398, 400-405, 575-577, 676-677, fig. 281.—Fœlger, 1908, 108.—Gœldi, 1913, 139.—Kaliski, 1911-12, v. 7 (11), 429-437 (unilateral chyluria).—Keating, (?), iii, 529, 767.—Musser, 1913a, 365.—Phalen & Nichols, 1908, 466.—Roger, 1901, 96.—Shaw, 1901, 1028.

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- bancrofti* of Magal., 1887a, 129–216, pls. 1–5 (in heart, Homo: S. America); 1887b, 49–65, 109–130, 152–165, 1 pl., 200–212, pls. 1–5; 1887c, 273; 1887d, 234–235; 1887e, 1012–1014; 1892h, 511–514; 1893a, 43; 1894c, 540–546.—Braun, 1903a, 270 (of Linst., 1892); 1908a, 305.—Looss, 1905, 177, 178.—Stiles, 1907b, 48.—See magalhãesii.
- bancroftii* Fayrer, 1879b, 189 (for bancrofti).—Lutz, 1893a, 128.—Stiles, 1907b, 44.—Wise, 1909, v. 12 (18), 276–277.
- bankrofti* Braun, 1883a, 183 (for bancrofti, so. sanguinis hominis).—Kholodk., 1899a, 180.—Leuck., 1879a, 66, 68, 163, 179.—Stiles, 1907b, 44.—Taniguchi, 1904f, 492–500, figs. 1–3; 1904h, 218.
- barbitistis-serricaudæ* Dies., 1851a, 96 (to Gord.) (based on Sieb., 1843a, 83) (in Barbitistes serricauda; Wien Mus.).
- bauchei* Rail. & Henry, 1911, v. 4 (7), 487–488 (in lung, porc; Hué); 1911, v. 4 (10), 698 (in porc; Annam).
- bhamensis* Par., 1889c, 777, pl. 3 fig. 17 (in cavo int. Acridotheres albocinctus; Birmania); 1891, 494 (in A. a.).—Stoss., 1897, 28–29.
- bibulbosa* A., D., & E., 1901b, 35–36, pl. 8 figs. 3–5, pl. 9 figs. 1–3, pl. 13 fig. 6 (subcutaneous and in blood of Cinnerys fuliginosa; W. Africa).—Seur., 1916, 345 (in C. f.).
- bicolor* Crep., 1825a, 4–5 (in Perca fluvi., Salmo eperlanus; by Crep.); 1846a, 150, 151; 1846b, 173 (in Acerina vulg., Osmerus eperlanus, P. f.).—Stiles & Hass., 1899a, 118.
- bicolor* Linst., 1873g, 298–299, pl. 13 fig. 7 (in Esox lucius, Silurus glanis; Ing.); 1899b, 17 (to Spiropt.).—Seur., 1916, 355.—Stoss., 1897b, 15 (in E. l., S. g.; Hameln).—Zsch., 1896, 773, 776, 780 (in S. g.); 1903, 147, 150.
- bicoronata* Linst., 1901b, 411, fig. 3 (in Adenota sp.; Rukwa-See, Africa); 1904, 300; 1906, 7; 1907, 258, 267 (in A. sp.).
- bidens* (Rud., 1819) Crep., 1846b, 175.
- bidentata* Mol., 1858c, 401–402 (s. terebra, cervorum brasiliensium) (in Cervus nambi, C. simplicicornis, C. rufus; Brazil).—Linst., 1899b, 24; 1901b, 411; 1904n, 300; 1907, 258, 267.—Stoss., 1897b, 60–61 (48–49) (in C. n., C. r., C. s.).
- bifida* Mol., 1858c, 411–412 (s. muris-scandentis) (in Dactylomys amblyonix; Ypanema).—Hall, 1916a, 220, 221–222 (in Kannabateomys amblyonyx; Brazil).—Stoss., 1897b, 61 (49) (in D. a.).
- bifurca* Mol., 1858c, 400 (s. muscicapæ) (in Muscicapa sp.; Brazil).—Stoss., 1897b, 61.
- bilabiata* Dies., 1851a, 277 (s. sternæ) (in Sterna leucopareia; M. C. V.); 1861a, 707 (to Dicheilonema).—Linst., 1909, 74 (in Hydrochelidon hybrida).—Mol., 1858c, 411 (in S. l.; M. C. V.).—Schneid., 1866, 311.—Seur., 1916, 355.—Stoss., 1897b, 61.
- bipapillosa* Mol., 1858c, 399 (in Strix suinda; M. C. V.; from Brazil).—Par., 1900c, 197 (in Noctua cunicularia; Buenos Aires).—Rail. & Henry, 1916, BSPe, 368 (in S. s.; B.).—Stoss., 1897b, 62.
- bipinnata* Linst., 1899b, 25, figs. 67–68 (in Psammosaurus (Varanus) griseus; N. E. Africa); 1906, 7.
- bispinosa* Dies., 1851a, 278 (in Boa constrictor, Ophis sauroceph., Thamnobius poecilost; Brazil); (to Dicheilonema).—DZTVP, 1889, v. 15, 317.—Leidy, 1850f, 118; 1856b, 56 (s. boa-constrictoris); 1904a, 102.—Leuck., 1876a, 694, 715.—Linst., 1896b (c.), 204 (17) (a Dracunculus in Python boæ).—Mol., 1858c, 415–416 (in B. c., O. s., T. p.; M. C. V.).—Stiles & Hass., 1894e, 347 (in B. c.).—Stoss., 1897b, 62.
- blaps-mortisagæ* Dies., 1851a, 93 (to Gord.) (in Blaps mortisaga; Europe).—[Hope, 1840a, lxxxv (in B. m.; Europe).]—[Sieb., 1842e, 151 (in B. m.; by Beaumont, 1836, 3), 161.]
- blattæ-orientalis* Dies., 1851a, 94 (to Gord.).—Seur., 1916, 352 (so. rytipleurites, probably so. Spirura talpæ).
- blini* Carougeau & Marotel, 1903, 447–454, figs. 1–6 (in aorta of Buffelus indicus; Indo-China).—Geddes, 1911a, 106 (in buffalo).—Hut. & Mar., 1905a, 860; 1912, 115; 1913a, 935, 1113.—Linst., 1903t, 357.—Rail. & Henry, 1912, 115 (so. Elæophora poeli).
- boæ* M. C. V. in Mol., 1858c, 430 (so. eunectis-scytalis) (in Eunectes scytale; Caiçara).

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- boæ-constrictoris* Leidy, 1850f, 118 (in *Boa constrictor*: [? Phila.]; 1856b, 56 (so. *bispinosa*) (in *B. c.*; Ing.); 1904a, 41, 103.
- bombi-terrestris* Dies., 1851a, 99 (to Gord.) (in *Bombus terrestris*: Prussia, Hope, 1840a, lxxxv).—[Sieb., 1842e, 161.]
- bonasiæ* Gescheidt, 1833a, [423], 445 (in eye of *Tetrao bonasia*: by Nordm.); 1833, 19 (see *tetraonis-bonasiæ*).—Dies., 1851a, 282.—Duj., 1845a, 56.—Linst., 1878a, 120.—Mol., 1858c, 426, 442 (s. t.-b.) (in *T. b.*; Wikari Isl.).—Rans., 1904, 33, 47.—Rayer, 1843d, 149.—Stoss., 1897b, 62 (50) (in *T. b.*), 149.
- bordiagalensis* Villot, 1874a, 58 (so. Gord. *gratianopolensis*).—[Sieb., 1842e, 154 (quotes *triscuspidata*).]
- bourgi* Brumpt, 1903, BAM, 370, 371, 372 (in *Homo*: Africa); 1903, 1031 (in *H.*: A.) (so. *diurna*): 1910a, 449 (so. *loa*): 1913a, 511.—R. Bl., 1905a, 538 (so. *loa*).—Braun, 1908a, 300 (so. l.): 1915a, 315.—Mans., 1907, 677, 685.—Nev.-Lem., 1908a, 481.—Penel, 1905a, 75 (so. d.), 82.—Sl. & Sw., 1912a, 353.—Stiles, 1907b, 42 (so. l.).
- bourgii* Looss, 1905c, 178 (so. *diurna*) (in *Homo*: Kassai) (for *bourgi*).—Stiles, 1907b, 37, 42; 1914, MM, 312.
- boris* Bail., 1858e, 704 (so. *palpebrarum*) (under eyelids of oxen): 1859, v, 20, 53–54.—A., D., & E., 1901b, 19 (so. *lachrymalis*).—Nev.-Lem., 1912a, 809.—Rail., 1893a, 527 (so. l.).—Ward, 1895a, 334 (in *Bos taurus*).
- brachyceri-undati* Dies., 1851a, 93 (to Gord.) (based on Sieb., 1843a, 81) (in *Brachycerus undatus*; by Heeger).
- bradipori-laxmanni* Dies., 1851a, 95 (to Gord.) (based on Sieb., 1842e, 154) (in *Bradiporus laxmannus*; by Pall.).
- bradypi-tridactyli* M. C. V. in Mol., 1858c, 389 (so. *incrassata*) (in *Bradypus tridactylus*; Brazil).
- brasiliiana* Stoss., 1897b, 43 (31) (*insignis* Schneid. renamed) (in *Picus* sp.; Brazil).—Skrj., 1916, 727, 728, 751 (so. *Hamatospiculum insigne*).
- bronchialis* Rud., 1819a, 7 (so. *hominis bronchialis*) (s. *Hamularia lymphatica*) (in *Homo*: Dresden).—Braun, 1883a, 182 (s. *H. l.*): 1915a, 325.—Burm., 1856a, 278.—Cobbold, 1866a, 5; 1879b, 207–208 (to Str. (Fil)); 1883w, 513.—Criv., 1845a, 6.—Dolley, 1894a (1901), 993 (to Str.).—Dungl., 1893a, 440, 821 [for *trachealis*]; 1900, 440 (in *bronchial tubes*), 821 (or *trachealis*).—Hodgkin, 1836a, 201, 209.—Ijima, 1889b, 346–347.—Leuck., 1868a, 404; 1876a, 618–619 (s. *H. l.*).—Mosler & Peiper, 1894a, 218.—Owen, 1835l, 394.—Packard, 1896, 518.—Sieb., 1850c, 665 (for *h. b.*).—Silva Amado, 1873, v, 2 (13), 151, 153 (s. *lymphatica*).—Stiles, 1907b, 41 (so. *equina*).—Wood & Fitz, 1897a, 342.
- bronchialis* in *Boa constrictor*: Crep., 1846b, 176 (in *Boa* or *Python*; by Hodgkin).—Lee, 1840a, 282 (also in *Homo*; quotes Treutler) (in *B. c.*) [cf. Hodgkin, 1836a, 209].
- bronchialis* in *Bos taurus*: Veterinarian, Lond., 1857, v, 30, 565 (in calf; Eng.).
- bronchialis* in *Ovis aries*: Ranke, 1857a, 708–710 (s. *Str. filaria*): 1858a, 456–460, pl. 13 figs. 1–12.—Thorn, 1898a, 164 (in lungs of sheep) (s. *Str. filaria*) (quotes Tounshend, 1873).—Veterinarian, 1869, v, 42, 14–15 (in lambs).
- bronchialis hominis* Gerv. & Ben., 1859b, 145 (*Hamularia lymphatica* renamed) [see *hominis bronchialis* and *bronchialis*].—Ben., 1878a, 279.—Bonis, 1876a, 130, pl. 2 fig. 2.—Stiles, 1907b, 42.—Stoss., 1899d, 90 (36) (of Bonis, so. *Str. paradoxus*).
- bronchialis hominis* Bonis, 1882a, 115 (for *bronchialis hominis*).—Stiles, 1907b, 42.
- bubali* Rud., 1819a, 8 (in *Bos bubalus*: C. E. V.).—Linst., 1903t, 353.—Mol., 1858c, 422 (so. *bubali (abdominalis)*).—Stiles, 1892f, 145.—Ward, 1895a, 334 (so. *labiato-papillosa*) (in *B. taurus*).
- bubali (abdominalis)* Mol., 1858c, 421–422 (s. *bubali, papillosa*) (in *Bos bubalus*: M. C. V.).
- bucconis-calcarati* M. C. V. in Mol., 1858c, 415 (so. *fusiformis*) (in *Monasa tranquilla*; Barra do Rio negro).
- bufonis* M. C. V. in Mol., 1858c, 431 (so. *eupemphigis-marmoratus*) (in *Eupemphix marmoratus*: Caicara).—Rail., 1916, BSPE, 138 (so. e.-m.).
- bufonis* Leiper, 1908, 191–192 (in *Bufo regularis*: Nasser).—Rail., 1916, BSPE, 138 (so. *leiperi*).
- bulbosa* Linst., 1907, CfB, 267 (in *Cinuyris*; Africa).

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- buprestis* Rud., 1809a, 77 (in *Buprestis* sp.; by Boucher d'Abbeville); 1819a, 11.—Dies., 1851a, 92 (so. Gord. buprestidis).—Sieb., 1842, 151.
- cælum* Linst., 1904n, 299–300, fig. 8 (in *Cephalobus sylvaticus*; Kamerun); 1906, 7; 1907, 258, 267 (in C. s.).
- cæsia* Borini, 1916, GrAM T, v. 79, 273–277 (in *Sitta cæsia*; Turin); 1917, NOMSJ, 590–591.
- calabarensis* A., D., & E., 1901b, 40, pl. 12 fig. 3 (in blood, birds; W. Africa).—Linst., 1907, 267.
- calamiformis* Schneid., 1866a, 90 (in *Psittacus æstivus*; Brazil).—Stoss., 1897, 32.
- calathi-cisteloidis* Dies., 1851a, 89 (to Gord.) (based on Sieb., 1842e, 151) (in *Calathus cisteloides*; by Schlotth.).
- calathi-stephensii* Dies., 1851a, 89 (to Gord.) (in *Calathus stephensii*; Gr. Brit., Hope, 1840a, lxxxiv).
- calcarata* Mol., 1858c, 378–379, pl. 1, fig. 2 (s. colubri) (in *Bothrops jararacca*; Brazil).—Stoss., 1897b, 62–63 (50–51).
- calopteri-italici* Dies., 1851a, 97 (so. Gord. calliptanii-italici) (based on Sieb., 1843a, 82) (in *Calopterus italicus*; Mus. Wien).
- campanulata* Mol., 1858c, 392–393, 448, pl. 2 figs. 5–7 (s. falconis-magnirostris) (in *Falco magnirostris*; Ypanema, Brazil).—Dies., 1861a, 702.—Linst., 1878a, 116 (in F. m.).—Rail. & Henry, 1916, BSPe, 367 (in *Rupornis magnirostris*; B.).—Rans., 1904, 4, 34, 46.—Stoss., 1897b, 63, 141 (51, 129).
- candazei* Linst., 1889a, 67, see *candezei*.
- candezei* Fraip., 1882a, 104–106, figs. 16–22 (in *Uromastix acanthinurus*; from Algeria).—Linst., 1889a, 67 (in *U. acanthinura*).—Seur., 1916, 345 (in U. a.); 1916 (1917), CrSB, 1133–1136 (13–16), figs. 2–3 (in U. a., U. a. nigriventris; A.).
- candezi* Seur., 1916, Bs, 345, see *candezei*.
- canina* [not traced].—Stiles, 1907b, 46 (so. immitis).
- canis* M. C. V. in Mol., 1858c, 388 (so. acutiuscula) (in *Canis azaræ*; Barra do Rio Jauru).
- canis-brachyuris* M. C. V. in Mol., 1858c, 380 (so. papillicauda) (in *Canis brachyuris*; Rio Araguay, Brazil).
- canis-brachyuri (trachealis)* Mol., 1858c, 420 (s. *canis-brachyuri (bronchialis)*) (in *Canis brachyurus*; Rio Araguay).—Stoss., 1897b, 63 (51) (in C. b.; Brazil).
- canis cordis* Leidy, 1850f, 118 (in *Canis* fam.; by Coats); 1856b, 55 (so. immitis); 1880b, 10; 1904a, 41, 101–102, 157.—A., D., & E., 1901b, 16 (so. i.).—Lewis, 1875e, 613.—Stiles, 1907b, 46 (so. i.).—Ward, 1895, 343 (in C. f.).—Züern, 1882, 244.
- capillosa* Francis, 1888a, 429 (or oculi) (in horse; [Tex.]) (probably for *papillosa*).
- capitellata* Schneid., 1866a, 96 (s. anthuris, pars), 235, pl. 5 fig. 2 (in *Coracias garrula*; by Brems.).—Müell., 1897, 3–5, pl. 1 fig. 2 (s. *Hystrix papillosa* pars, Eustr. p.).—Stoss., 1897b, 47 (35).
- capræ* Linst., 1883a, 287 (in *Capra hircus*; [Turkestan?]); 1886, 12.—Rail., 1893a, 531.—Stoss., 1897b, 63 (51) (in C. h.; T.).
- capsularia* Rud., 1802a, 3–5 (s. Gord. harengum, *Capsularia halecis*, Asc. halecis); 1809a, 61–62 (s. G. h., C. h., A. h.), 203; 1819a, 6 (in *Clupea harengus*; Greifsw.).—Crep., 1837a, 325; 1839a, 278; 1846b, 157, 159, 167, 173 (in *Esox belone*, herring).—Krøyer, 1846–53a, 174 (in C. h.).—Lam., 1816, 218.—Nordm., 1840a, 668.—Olfers, 1816a, 31, 55.—Owen, 1835a, 318, 320.—Seur., 1916, 355.
- capsulata* A., D., & E., 1901b, 36, pl. 10 figs. 1–5, pl. 11 figs. 1–2, pl. 14 fig. 7 (in tissue and blood, *Hyphantornis* sp., *Pycnonotus barbatus*, *Sitagra brachyptera*; W. Africa).—Linst., 1907, v. 44 (3), 267 (in *Pycnonotus*, *Sitagra*; Africa).—Seur., 1916, 345 (in H. sp., P. b., S. b.).
- carabi* Gmel., 1790a, 3040 (in *Carabus*; Pall. 1768a de. inf. viv.; cf. Lister, 1672, 4064).—Baird, 1853a, 51 (so. *Mermis nigrescens*).—Bosc, 1802a, v. 2, 49.—Dies., 1851a, 89 (of 1796, so. Gord. coleopterorum).—Pall., 1768a.—Rud., 1809a, 76 (of Zed., sub *coleopterorum*).—Zed., 1803a, 39 (in *carabo*).
- carabi-alternantis* Dies., 1851a, 89 (to Gord.) (based on Sieb., 1843a, 81) (in *Carabus alternans*; Sicilia).
- carabi-blapoidis* C. E. V. in Rud., 1819a, 11 (sub *coleopterorum*).—Dies., 1851a, 91 (so. Gord. peloris-blapoidis).

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- carabi-catenulati* Dies., 1851a, 89 (to Gord.) (in *Carabus catenulatus*; Gr. Brit. Hope, 1840a, lxxxiv).—[Sieb., 1842e, 160.]
- carabi-monilis* Dies., 1851a, 88 (to Gord.) (in *Carabus monilis*; Gr. Brit., Hope, 1840a, lxxxiv).—[Sieb., 1842e, 160.]
- carabi-morbillosi* Dies., 1851a, 88 (to Gord.) (in *Carabus morbillosus*; Gr. Brit., Hope, 1840a, lxxxiv).—[Sieb., 1842e, 160.]
- carabi-nemoralis* Dies., 1851a, 88 (so. Gord. *carabi-hortensis*) (in *Carabus hortensis*; Gr. Brit., Hope, 1840a, lxxxiv).—[Sieb., 1842e, 160.]
- carabi-violacei* Dies., 1851a, 88 (to Gord.) (in *Carabus violaceus*, Gr. Brit., Hope, 1840a, lxxxiv).—Baird, 1853.—[Sieb., 1842e, 160; 1843a, 81.]
- carduelis* Rud., 1809a, 73 (s. *Dracunculus*) (in *Fringilla carduelis*; by Spigelius); 1819a, 9.—Dies., 1851a, 281 (in F. c.).—Duj., 1845a, 54.—Mol., 1858c, 423 (in F. c.).—Stoss., 1897b, 63 (51) (in F. c.).
- carruccioi* Cond.-Franc., 1898a, 2, 4, 14–15, figs. 5–6 (in *Gobius avernensis*; Italy).
- cassici-atrici* (*abdominalis*) Mol., 1858c, 423–424 (in *Cassicus ater*; Caiçara).
- catocalæ-fraxinæ* Dies., 1851a, 104 (based on Sieb., 1843a, 84) (in *Catocala fraxinus*; Mus. Wien).
- caudispina* Mol., 1858c, 382–383, pl. 1 fig. 4 (in *Ateles variegatus*, *Cebus apella*, *C. arachnoides*, *C. fatuellus*, *C. hirsutus*, *C. lagotherix*, *C. paniscus*, *C. (Callithrix) sciureus*, *C. personatus*, *C. ursinus*, *Jacchus rosalia*; M. C. V.).—Stiles, 1907b, 37 (probably type of *Dipetalonema*).—Also reported for *A. paniscus*, *Chrysotherix sciurea*, *Hapale rosalia*, *Lagothrix cana*, *Mycetes seniculus*, *Pithecia monacha*.
- cavia-acuschy* M. C. V. in Mol., 1858c, 412 (so. *conica*) (in *Cavia acuschy*; Barra do Rio negro).
- cebi-carayæ* Mol., 1858c, 418 (in *Cebus carayæ*; M. C. V.) (s. *simiæ-belzebul*).
- cebi-trivirgati* (*abdominalis*) Mol., 1858c, 418 (s. *simiæ*) (in *Cebus trivirgatus*; Mato-grosso).—Also reported for *Nyctipithecus trivirgatus*.
- cercopidis* Rud., 1809a, 78 (in *Cercopis spumaria*; by Roesel, v. 2, 144); 1819a, 12.—Dies., 1851a, 100 (so. Gord. *aprophoræ-spumariæ*).—Duj., 1845a, 66.
- cervi* Rud., 1819a, 8 (in *Cervus elaphus*; C. E. V.).
- cervi-elaphi* C. E. V. in Mol., 1858c, 405 (so. *terebra*) (in *Cervus elaphus*; C. E. V.).—Dolly, 1894a, 993 (so. *cervina*).—Stiles, 1892f, 145.—Ward, 1895a, 334 (so. *labiato-papillosa*) (in *Bos taurus*).
- cervina* Duj., 1845a, 49 (in *Cervus elaphus*; Wien Mus.).—A., D., & E., 1901b, 15 (so. *labiato-papillosa*).—Bail., 1866b, 38–39.—Bodkin & Cleave, 1916, 182.—Campb. & Lacr., 1907, 81.—Cobbold, 1879b, 349.—Fiebiger, 1912a, 231.—Frœhner, 1915a, 261.—Kless, 1908, 120.—Nev.-Lem., 1912a, 801.—Progrès vét., 190—, no. 9, 197–200.—Rail., 1888, 98 (so. l.-p.); 1893a, 526 (so. l.-p.).—Saunders, 1914, v. 14, 132, 137.—Schneid., 1866a, 86.—Sl. & Sw., 1912a, 393, 404.—Stiles, 1892f, 143, 144, 145, 146, 147, figs. a, b.—Stiles & Hass., 1894e, 346 (in *Bos taurus*).—Strong, 1901, 31.—Ward, 1895, 334 (in B. t.).
- cervorum brasiliensium* M. C. V. in Mol., 1858c, 401 (so. *bidentata*) (in *Cervus*; Brazil).
- chlamydosauri* Breinl, 1912, 41–42, pl. 10 figs. 2, 3 [4] (in *Chlamydosaurus kingii*; N. Queensland).
- chamocnsis* Par., [nv.].—Henry & O'Zoux, 1909, BSPe, 547 (a *Diplotriæna*).
- charadrii* Rud., 1819a, 10 (in *Charadrius minor*; C. E. V.).—Dies., 1851a, 283 (in C. (minor) fluv.; M. C. V.).—Duj., 1845a, 56.—Linst., 1909a, 74 (in C. dubius).—Mol., 1858c, 427 (in C. fluv.).—Stoss., 1897b, 63–64 (51–52) (in C. f.; Wien).—Also reported for *Aegialites fluv.*
- chironomi-plumosi* Dies., 1851a, 105 (to Gord.) (in *Chironomus plumosus*; ? Cambridge, Hope, 1840a, lxxxv).
- chrysomelæ* Holten, 1797a, 16–19, pl. 3 figs. 1–2 (in *Chrysomela alni*; by Holten).—Duj., 1845a, 64.—Rud., 1809a, 77 (so. *chrysomelæ-alni*).
- chrysomelæ-alni* Rud., 1809a, 77 (for *chrysomelæ*) (in *Chrysomela alni*); 1819a, 11.
- chrysomelæ-tanacetæ* Frœl., 1791a, 108–110 (in *Chrysomela tanacetæ*; by Frœl.).—Dies., 1851a, 94 (so. Gord. *gallerucæ-tanacetæ*) (in *Galleruca tanacetæ*; Eng., Germany).—Duj., 1845a, 64.—Rud., 1793a, 17 (in C. t.); 1809a, 76–77 (in C. t.; by Frœl.); 1819a, 11.—Sieb., 1842, 152, 161.

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- ciconia* Schrank, 1788a, 2 (unter der Haut des Storches; Redi, 223).—Dies., 1851a, 282 (in *Ciconia nigra*).—Gmel., 1790a, 3040.—Mol., 1858c, 428.—Rud., 1809a, 71-72; 1819a, 9.—Stiles, 1907b, 32 (? so. *Dicheilonema labiatum*).—Also reported for *Ardea ciconia*, C. alba.
- cincinnati* (Muell. & Paumgarten, 1869) Anacker, 1890g, 373 (for *cincinnati*).
- cincinnati* (Erc., 1866) Züern, 1882a, 247-248, pl. 4 figs. 28-33 (in horse) (s. *Onchocerca reticulata*).—Anacker, 1890g, 373.—Cond.-Franc., 1892a, 178.—Deupser, 1894a, 18 (to O.), 20.—Fiebiger, 1912a, 238.—Perronc., 1882a, 331.—Rail., 1893a, 538 (so. *Spiropt. reticulata*).—Schneidem., 1896, 308.—Syrnev, 1914, 100, 101.—Ward, 1895a, 334 (in *Bos taurus*), 339 (in *Equus cab.*).
- cingula* Linst., 1902o, 634-635, fig. 1 (in *Cryptobranchus megalobranchus maximus*; Hamburg Zool. Gard.); 1902p, 695-696; 1905p, 40; 1906, 7.—Krecker [1916] 1915, JP, v. 2 (2), 74-79, figs. 1-6 (in C. al.).—Rail., 1916, BSPE, 138-139 (in *C. maximus*, C. alleghaniensis; Japan, Ohio).
- circularis* Linst., 1899b, 24, figs. 69, 73 (in *Hesperomys* sp.; Porto Alegre); 1906, 7.—Hall, 1916a, 180, 183-184, figs. 241-242 (in H. sp.).
- circumflera* Mol., 1858c, 377 (s. *trogonis-violacei*) (in *Trogon aurantius*; Brazil).—Stoss., 1897b, 64 (52) (in T. a.; B.).
- cirrohamata* Linst., 1888a (b), 8-9 (to *Spiropt.*), pl. 1 figs. 14-16 (in *Phalacrocorax verrucosus*; Challenger Exped.).
- cirrura* Leidy, 1886e, 309 (in *Quiscalus major*; Fla.); 1904a, 189.—Linst., 1899l, 37.—Rans., 1904, 34, 50.—Rail. & Henry, 1910, 216 (in *Megaquiscalus major*).—Stiles & Hass., 1894e, 347 (in Q. m.).—Stoss., 1897b, 64 (52) (in Q. m.; F.).
- cistudinis* Leidy, 1856b, 56 (in heart. *Cistudo carolina*; by Schafhirt); 1904a, 103.—Linst., 1903t, 353; 1907, 267 (in C. c.).—Mol., 1858c, 430 (in C. c.; America).—Stoss., 1897b, 64 (52) (in C. c.; A.).
- clæliæ-fasciatæ* Mol., 1858c, 431 (s. *colubri*) (in *Clælia fasciata*; Matogrosso).—Stoss., 1897b, 64 (52) (in *Oxyrhopus fasciatus*).
- clava* Wedl, 1856b, 126-127, fig. 8 (in *Columba dom.*; by Muell.).—Anacker, 1893g, 184.—A., D., & E., 1901b, 20.—Fiebiger, 1912a, 235.—Gedølst, 1911a, 105 (in dom. pigeon).—Mol., 1858c, 374-375 (in C. d.; Wien).—Neum., 1906m, 661-664, figs. 1-2 (in d. p.); 1906p, 15 dec.; 1907a, 88; 1907b, 41.—Nev.-Lem., 1912a, 807.—Par., 1899a, 15; 1899, 99.—Rail., 1893, 532; 1915, 510; 1915, IVC, 748 (in pigeon).—Schneidem., 1896a, 308.—Stoss., 1897b, 25 (13).
- clavato-errucosa* Mol., 1858c, 380-381 (s. *thamnophili*) (in *Thamnophilus canadensis*; Marabitanas).—Stoss., 1897b, 64 (52) (in T. c.; Brazil).
- clelandi* Johnst., 1912, v. 24, 76-77, pl. 2 figs. 7-8 (in *Gymnorhina tibicen*; Eidsvold); 1912, v. 12, 110 (in G. t.).
- clæliæ-fasciatæ* Stoss., 1897b, 64 (52) (for *clæliæ-fasciatæ*) (in *Oxyrhopus fasciatus*; Brazil).
- cocci* Dies., 1851a, 100 (to Gord.) (in *Coccus* sp.; Hope, 1840a, lxxxv).—[Sieb., 1842e, 161.]
- cochleata* Rail., 1916, BSPE, 138 (s. *spiralis* Oerley, 1882, not Linst., 1879) (in *Heleioporus albopunctatus*).
- coelebs* Linst., 1879b, 326 (in stom. wall, *Lanius rufus*; Coll. Hering).—Stoss., 1897b, 47 (35) (in L. r.).
- coleopterorum* Rud., 1809a, 76 (quotes Lister, 1672, 4064, hairworm); 1819a, 11.—Dies., 1851a, 89 (to Gord.), 91 (so. *G. peloris-blapoidis*).—Sieb., 1842, 151, 152.
- collurionis* Rud., 1809a, 71 (s. ?*Hamularia cylindrica*) (in *Lanius collurio*; by Rossa), 84; 1819a, 8.
- collurionis pulmonalis* Rud., 1819a, 8, 217-218 (s. *Hamularia cylindrica*) (in *Lanius collurio*).—Crep., 1846b, 173 (so. *nodulosa*).—Duj., 1845a, 52.—Mol., 1858c, 393 (so. *tridens*).—Nordm., 1840a, 666 (so. H. c.).—Stoss., 1897b, 36 (24) (so. n.).
- collurionis subcutanea* Rud., 1819a, 8, 217 (s. *collurionis*) (in *Lanius collurio*, L. pomeranus, L. minor; C. E. V.).—Crep., 1846b, 173 (so. *nodulosa* Rud.).—Dies., 1851a, 274 (so. n.).—Duj., 1845a, 52.—Mol., 1858c, 410 (so. n.), 413 (so. obtuso-caudata).—Par., 1889, 762 (so. o.-c.).—Rans., 1904, 35.—Stoss., 1897b, 36 (24) (so. n.).

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- colubri* Bosc, 1802a, 49, pl. 12 fig. 6 (in *Coluber* sp.).—Dies., 1851a, 284.—Duj., 1845a, 58.—Mol., 1858c, 378 (so. *calcarata*), 431 (so. *clæliæ-fasciata*), 431 (in *C. sp.*).—Rud., 1809a, 73-74; 1819a, 10.—Stoss., 1897b, 64-65 (52-53) (s. *colubri-american*) (in *C. sp.*; America).
- colubri-anei* M. C. V. in Mol., 1858c, 435 (in *Helicops carinicaudus*; M. C. V.).—Stoss., 1897b, 65 (53) (in *H. c.*).
- colubri-american* Rud., 1819a, 10 (s. *colubri*) (in *Coluber* sp.; by Bosc).
- colubri-american* Cobbold, 1861e, 123 (see *colubri*) (encysted in *Coluber americanus*; Lond. Zool. Gard.).
- colubri-austriaci* Rud., 1819a, 10 (in *Coluber austriacus*; C. E. V.).—See *megalochila*.
- colubri-blumenbachii* Cobbold, 1861e, 123 (in *Coluber blumenbachii*; Ing.).
- columbi* R. Bl., 1905, AdP, v. 9 (1), 148 (in blood of Crapaud; Columbie).—Linst., 1907, AN (for 1901), v. 2 (3), 172.
- columbia* Linst., 1907, CIB, v. 44 (3), 267 (in *Bufo* sp.) (apparently for *columbi*).
- colymbetis-ferruginei* Dies., 1851a, 92 (to Gord.) (in *Colymbetes ferrugineus*; Eng.).—Hope in L'Institut., 1838, 302-308 (Fil. in *Colymbetes*).—[Sieb., 1842e, 151, 161 (in *C. f.*.)]
- colymbetis-striati* Dies., 1851a, 92 (to Gord.) (in *Colymbetes striatus*; Sieb., 1850k, 332).
- colymbi* Rud., 1819a, 10 (in *Colymbus cristatus*; C. E. V.).—Dies., 1851a, 278 (so. *acuta*).
- communis* (Deslgch., 1824) Cast. & Chalm., 1910a, 408, 1186 (s. *piscium*, Spiropt. hominis); 1913a, 523.
- congeri-vulgaris* Mol., 1859h, 28-29 (in *Conger vulg.*; Padua).—Dies., 1861a, 699 (to *Ichthyonema*).
- conica* Mol., 1858c, 412 (s. *cavia-acuschy*) (in *Cavia acuschy*; Barra do Rio negro, Brazil).—Dies., 1861a, 708 (to *Dicheilonema*).—Hall, 1916a, 220, 222 (in *Dasyprocta aguta*, *Myoprocta acouchy*; B.).—Stoss., 1897b, 65 (53) (in *D. ag.*, *D. acuschy*; B.).
- coniunctiva* Tecce, 1908a, 934 (for *conjunctivæ*).
- coniunctivæ* Supino, 1900a, 91 (for *conjunctivæ*) (so. *inermis* Grassi).—Tecce, 1908a, 933.
- conjunctivæ* Penel, 1905a, 8 (for *conjunctivæ*) (so. *inermis*).—Stiles, 1907b, 45.
- conjunctivalis* Penel, 1905a, 67 (for *conjunctivalis*) (so. *loa*).—Stiles, 1907b, 37, 42.
- conjunctivæ* Aless., 1906, title page (misprint for *conjunctivæ*).
- conjunctiva* Sl. & Sw., 1912a, 392 (for *conjunctivæ*).
- conjunctivæ* Addario, 1885, 135-148, pl. 1 figs. 1-8 (in *Homo*; Catania, Italy).—Aless., 1906, v. 32 [(7-8)], 523-528; 1906, v. 7, 233-234; 1907, v. 40, 587.—A., D., & E., 1901b, 12 (so. *inermis*).—Assenova, 1899, 50-51, 66, 95.—R. Bl., 1888r, 39; 1890a, 2-3 (so. *i.*) (in *Homo*); 1895, 785 (s. ? *palpebralis*, *peritonæi* hominis, *inermis*, *apapillocephala*).—Braun, 1903a, 274-275, figs. 206-207 (in *Homo*, horse, ass); 1906a, 303-304, figs. 201-202; 1908a, 308, figs. 254, 255; 1915a, 323, figs. 284-285.—Brumpt, 1913a, 511.—Cast. & Chalm., 1910a, 408, 420.—Cond.-Franc., 1892e, 173, 175-177.—Daniels, 1914a, 131.—Dungl., 1893a, 440 (seems to refer to *loa*, but *oculi* and *lentis* given as *syns.*); 1900a, 440.—Geddelst, 1911a, 106 (in donkey, man).—Nev.-Lem., 1908a, 497.—Rail., 1893a, 528 (so. *i.*); 1897, 1134; 1899, 345.—Ratz, 1898, 298.—Sl. & Sw., 1912a, 362, 392, 404, 515.—Stiles, 1907b, 45; 1914, MM, v. 2, 306, 314.—Verdun, 1907, 416-417.—Ward, 1895a, 331 (in *Homo*), 339 (in *Equus cab.*); 1903l, 212; 1903, 704; 1916, 689.
- conjunctivæ* Assenova, 1899, 50, 101, 103 (for *conjunctivæ*).—Stiles, 1907b, 45.
- conoura* Linst., 1885b, 242-243, pl. 14 fig. 16 (in *Anguilla vulg.*; by Linst.).—Hofer, 1904a, 230 (in *A. v.*, *Aspius rapax*, *Leuciscus v.*, *Perca fluvi.*).—Jæeskeheinen, 1910, 56 to (Spiropt.) (in *A. v.*, *A. r.*, *L. grislagine*, *Lota vulg.*, *P. f.*, *Tinca vulg.*).—Srámek, 1901, 95, 96 (in *Ang. fluvi.*, *Asp.*, *As. r.*, *P. f.*, *Squalius lepusculus*).—Stoss., 1897b, 45 (33).
- convoluta* Mol., 1858c, 390 (s. *ranæ*) (in *Cystignathus gigas*, *Leptodactylus sibilatrix*; Ypanema, Brazil).—Rail., 1916, BSPE, 137-138 (s. *r.*) (in *C. g.*, *L. s.*).—Stoss., 1897b, 65(53) (in *C. g.*, *L. s.*).—Also reported for *C. ocellatus*.
- convoluta* (Zed., 1803) Hall, 1916a, 200 (so. *Spirura talpæ*); 1916b, 520.

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- cordicola* Linst., 1905c, 275, pl. 10 fig. 17 (in *Equus asinus*, E. cab.; German E. Africa).—Gedølst, 1911a, 106 (in donkey, horse; G. E. Af.).—Rail., 1915, 510; 1915, IVC, 747 (in horse).
- cordis phocæ* Joly, 1858a, 166-180, pl. 1B fig. 1-6 (in *Phoca vitulina*; by Joly); 1858b, 403-405; 1858c, 80; 1858d, 399-400.—Cobbold, 1879b, 314.—Laveran & Bl., 1895, 169.—See *spirocauda*.
- cornicis* Gmel., 1790a, 3040 (in *cornicis thorace et pulmonibus*; Pall., 83).—Baird, 1853a, 6 (so. *attenuata*).—Bennet & Olivier, 1826a, 24 (in *Corvus cornix*).—Bosc, 1802a, v. 2, 49; 1830a, 60 (so. a.).—Mol., 1858c, 395 (so. a.).—Rud., 1809a, 58.—Zed., 1803a, 39.
- cornuta* Linst., 1899b, 24, figs. 57-59 (in *Antilope* sp.; Kamerun); 1901b, 411; 1904n, 300; 1907, 258, 267.—Leiper, 1908, 192.
- coronata* Rud., 1809a, 65-66 (s. *Asc. coraciæ*) (in *Coracias garrula*; [Europe]). 73; 1819a, 6.—Blainv., 1824a, 518 (is a "fusaire").—Chatin, 1882g, 812-815.—Crep., 1846b, 155, 160, 161-162, 164, 173 (in C. g.).—Dies., 1851a, 275; 1861a, 703; 1861c, 280.—Duj., 1845a, 55.—Giebel, 1857a, 268.—Lam., 1816, 218; 1840, 668.—Linst., 1883a, 286; 1886, 11; 1901c, 189-190, pl. 8 fig. 14; 1906, 7.—Mol., 1858c, 408-409 (in C. g.); 1858, 155; 1861c, 318 (in C. g.; Padua).—Nordm., 1840a, 668.—Olfers, 1816a, 55.—Par., 1894a, 242.—Risso, 1826, 259.—Skrj., 1917, P, 467-468, pl. 19 figs. 14-15 (in C. g.; Europe).—Stoss., 1897b, 65-66 (53-54) (in C. g.).
- corri-torquati* Cobbold, 1880k, 131 (in *Corvus torquatus*; China, teste Mans., 1880c, 135-137).—Linst., 1892b, 88; 1903t, 353 (in C. t.); 1907, 266.—Looss, 1904b, 552 (in C. t.; C.).—Penel, 1905a, 22.—Seur., 1916, 355.—Stoss., 1897b, 66 (54) (in C. t.).
- corri-torquatis* A., D., & E., 1901b, v. 4, 21 (for c.-torquati).—Looss, 1904b, 552.
- corynodes* Linst., 1899b, 23, fig. 66 (in *Cercocebus fuliginosus*, *Cercopithecus campbelli*, *C. nictitans*; Berl. Zool. Gard., Kamerun); 1903a, 116; 1906a, 7.—Braun, 1915a, 321.—Shipley, 1903l, 154 (in *Semnopithecus albocinereus*; Kwala Aring).
- crassa* Schlotthauher, 1860a, 125 (under skin of *Strix brachyotos*; by Schlotth.) (s. *strigis*).
- crassicauda* Crep., 1829a, 874-878, pl. 52 (in *Balæna rostrata*; ad *Rujæ insulæ*); 1839a, 278; 1846b, 155, 157, 159, 160, 161, 162, 172 (in B. r.).—Ben., 1870a, 356.—Cobbold, 1879b, 425.—Dies., 1851a, 264.—Duj., 1845a, 50.—Jägers., 1891a, 129, 132.—Laveran & Bl., 1895, v. 2, 173.—Mol., 1858c, 374.—Stoss., 1897, 24.—Reported for *Balænoptera rostrata*, *Balæna mysticetus*, *B. borealis*.
- crassiuscula* Nordm., 1833b, 268 (for *crassiuscula*).
- crassiuscula* Nordm., 1832a, 20-22, 27 (in *Gadus æglefinus*; Cuxhaven).—Crep., 1846b, 158, 160, 162, 163, 165, 173.—Dies., 1851a, 286.—Duj., 1845a, 62.—Gescheidt, 1833a, 445 (in eys of G. a.).—Mol., 1858c, 433 (in G. a.).—Rayer, 1843d, 149 (in G. a.).—Stoss., 1897b, 66 (54) (in G. a.).
- crocodili* M. C. V. in Mol., 1858c, 379 (so. *bacillaris*).
- crotophaga* Daniels, 1902, v. 53, 335-338, fig. 25 (in *Crotophaga ani*; Brit. Guiana).
- cychri-rostrati* Dies., 1851a, 88 (to Gord.) (in *Cychrus rostratus*; Netly. Salop. teste Hope, 1840a, lxxxiv).—[Sieb., 1842e, 160.]
- cygni* (Gmel., 1790) Rud., 1809a, 71 (in *Cygnus*; by Redi); 1819a, 10.—Dies., 1851a, 284.—Duj., 1845a, 58.—Fiebiger, 1912a, 236.—Gedølst, 1911a, 106 (in swan).—Linst., 1905bb, 190; 1909a, 74 (in C. olor).—Mol., 1858c, 429 (in *Anas cygnus*).—Mordw., 1908, v. 13 (1-2), 193.—Par., 1894a, 243.—Nev.-Lem., 1912a, 808.—Rail., 1893a, 533.—Stoss., 1897b, 66 (54) (in C. musicus).
- cylindrica* Mehl., in Crep., 1846a, 131 (in *Lanius collurio*; by Mehl.); 1846b, 162, 173 (so. *nodulosa*); 1847a, 293 (so. n.).
- cymindis-humeralis* Dies., 1851a, 88 (to Gord.) (in *Cymindis humeralis*; Sieb., 1843a, 81) (in C. h.; Wien, by Heeger).
- cyprini-rutili* Crep., 1825a, 5-7 (in *Cyprinus rutilus*; by Crep.).
- cypseli* A., D., & E., 1901b, 24, pl. 1 figs. 1-5, pl. 13 fig. 1 (in *Cypselus affinis*; Bonny, S. Nigeria).—Dutton, 1905, 139-147 (in African C. a.); 1905, Apr. 1, 108; 1905, Apr. 8, 950; 1905, Apr. 15, 287 (in C. a.; A.); 1905, Nov. 11, 1298; 1905, Oct. 1, 985.—Linst., 1907, 266 (in C. a.).—Mesnil, 1913, 193.—Seur., 1916, 345 (in C. a., *Leiosthina*).

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- cystica* Rud., 1819a, 634-635 (in *Synbranchus laticaudis*; Brazil).—Cobbold, 1879b, 209 (immature *Eust. gigas*); 1879f, 231.—Crep., 1846b, 173.—Duj., 1845a, 62 (in *S. l.*).—Leuck., 1868a, 381, 382, 386, 387, figs. 222, 225, 226; 1876a, 615.—Penel, 1905a, 11.—Schneid., 1866a, 296.—Seur., 1916, 355.—Shipley, 1896a (1901b), 142 (in *Galaxias scriba*, *S. laticaudatus*).—Sieb., 1854, 33.—Verrill, 1870, 244.
- cystica* (Salisbury, 1868) Cobbold, 1879b, 202.—Braun, 1903a, 264; 1908a, 296 (so. bancrofti); 1915a, 308 (so. *Oxyuris vermicularis*).—Cast. & Chalm., 1910a, 407 (so. *O. v.*); 1913a, 522.—Dolley, 1894a, 993 (so. *sanguinis hominis*); 1901, 993.—Linst., 1900c, 76.—Moniez, 1896a, 338.—Rail., 1893a, 515.—Stiles, 1905, Apr. 29, 682; 1907b, 37, 44, 50; 1907e, 600 (so. *O. v.*) (*s. salisburyi*, *salisburyi*); 1914, MM, v. 2, 291 (so. *O. v.*).
- dacelonis* Breinl, 1913, RAITM, 42-43, pl. 11 figs. 1-3 (in *Dacelo leachii*; New Queensland).
- dahomensis* Neum., 1895f, 533; 1895i, 123-127, figs. 1-5 (in *Python*; from Natal); 1896a, 264-265.—Braun, 1903a, 261; 1908a, 293.—Stoss., 1897b, 35-36 (23-24) (in *P. natalensis*).—Strassen, 1907a, 117, 121; 1908b, 49.
- dasypodis-gilvipedis* Mol., 1858c, 381 (so. *anticlava*) (in *Dasypus gilvipes*; Brazil).
- dasypodis-gyrni* M. C. V. in Mol., 1858c, 379 (so. *acuticauda*).
- dasypodis-nigri* M. C. V. in Mol., 1858c, 379 (so. *acuticauda*) (in *Dasypus niger*; Brazil).
- dasypodis-novecincti* M. C. V. in Mol., 1858c, 379 (so. *acuticauda*).
- dehiscens* Schneid., 1866a, 83, 91 (fig.) (in *Strix striata*; Dongola).—Rail. & Henry, 1916, BSPE, 368 (in *S. s.*; *D.*).—Stoss., 1897b, 42 (30) (in *S. s.*).
- demarquai* Penel, 1905a, 92 (for *demarquayi*, 1897).—Stiles, 1907b, 46.
- demarquai* Simon, 1907a, 191; 1911a, 130 (for *demarquayi*, 1897).—Leiper, 1913, 290-292.
- demarquaii* Galgey, 1899a, 145-146 (in *Homo*; W. Indies) (for *demarquayi*, 1897); 1899b, 398; 1901, 342, 343, 344, 345; 1902, 316, 317, 318 (St. Lucia, St. Vincent, Dominica); 1903a, 86; 1904, 196, 197, 198.—A., D., & E., 1901b, 43-48.—Daniels, 1902, Dec. 1, 357-359, figs. 1-2 adult; 1903, 114, 121.—Low, 1901b, 1337 (negative experiments with mosquitoes); 1901d, 284; 1902g, 196-197; 1902h, 299; 1902i, 311; 1902k, 504; 1905d, 39; 1908, 61.—Mans., 1901c, 562; 1903e, 546, fig. 64c, 598-599, 600, 602; 1904, 546, 600, fig. 64c; 1907, 595, 647, 648.—Stiles, 1907b, 46.
- demarquayi* Mans., 1897d, 1837-1838, fig. 3 (in *Homo*; St. Vincent, W. Indies).—R. B1., 1895, 771; 1895, 781-782; 1900f, 289; 1905a, 537 (s. *ozzardi*, enfilée).—Braun, 1903a, 270; 1906a, 296-297; 1908a, 304; 1915a, 320.—Brumpt, 1910a, 435, 560; 1913a, 498, 516.—Cast. & Chalm., 1910a, 408, 416, 447; 1913a, 522, 529.—Daniels, 1898c, 1; 1898e, 879, 880; 1902b, 46; 1910a, 167; 1914a, 110, 117.—Daniels & Stanton, 1907a, 122, 123, 129, 130, 131, 132.—F., S., & T., 1916a, 378, 403, 404, 575, fig. 284.—Fulleborn, 1913, 313-315, pl. 4 figs. 11, 16, pl. 3 figs. 6-7; 1908, 668.—Guiart, 1910a, 468, 469.—Koch, 1910, v. 14 (1), 100.—Leiper, 1913, 270-272.—Linst., 1900c, 76, 83; 1907, 266.—Looss, 1905c, 169 (in H.); St. Vincent, St. Lucia, Trinidad, Tahiti, Dominico, New Guinea); 1914, 476.—Low, 1905d, 39.—Mense, 1906, v. 3, 641.—Nev.-Lem., 1902a, 95, 120, 121, fig. d; 1904a, 97, 122, 123, 124, 125; 1906a, 302, fig. d, 303, 307, 308, figs. 5-6, 309; 1908a, 485.—Neum. & Mayer, 1914a, 68, 397.—Ozzard, 1902g, 82, 83, 84; 1902h, 259-260.—Penel, 1905a, 10, 101-104, 105, 106, 140, 141, 147, 148.—Roger, 1901, 96.—Rouget, 1902a, 198-200, figs. 1-3.—Sl. & Sw., 1912a, 360.—Sons., 1896, 326.—Stiles, 1907b, 46 (in H.; St. Vincent); 1907, 614, 622; 1914, MM, v. 2, 305-306, 314.—Stitt, 1910a, 232, 237; 1916a, 319.—Verdun, 1907, 415.—Ward, 1903, 215 (in H.); 1903d (e), 704; 1916, 682, 687-688.
- demarquayi* Zune, 1892 [nv.].—Rail. in Nev.-Lem., 1898a, 485; 1910a, 460.
- demarqui* Linst., in Low, 1905d, 39 (for *demarquayi*).—Stiles, 1907b, 46.
- dendrocalapti-procurvi* Linst., 1879a, 80 [for *dendrocalaptis-procurvi* (*lacrymalis*)].
- dendrocalaptis* M. C. V. in Mol., 1858c, 399 (so. *quadriverrucosa*).
- dendrocalaptis-procurvi* Stoss., 1897b, 67 (55), 147 (135) (in *Dendrocalaptis procurvus*; Brazil).
- dendrocalaptis* M. C. V. in Mol., 1858c, 425 [so. *dendrocalaptis-procurvi* (*lacrymalis*)] (in *Dendrocalaptis procurvus*; Brazil).—Rans., 1904, 35.

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- dendrocolaptis-procurvi* (*lacrymalis*) Mol., 1858c, 425 (s. *dendrocolaptis*) (in *Dendrocolaptes procurvus*: Brazil), 443.—Linst., 1879a, 80.—Rans., 1904, 35, 48.—Stoss., 1897b, 67 (55) (in D. p.; B.), 147 (135).
- denticulata* (Rud., 1809) Schneid., 1866a, 83, 102, 213, pl. 6 fig. 1 (in *Muraena anguilla*; by Schneid.).—Bütsch., 1874b, 259.—Hofer, 1904a, 230 (in *Anguilla* vulg.).—Leidy, 1886e, 310.—Rail. & Henry, 1915, 274.—Shipley, 1896, 125.—Stoss., 1897b, 25 (in A. v.).
- denticulata* of Simmonds, 1881–82.—Williams, 1885a, 44 (of Simmonds=Abomesi ovis, so. Str. contortus).
- dentifera* Linst., 1898a, 460, pl. 35 figs. 1–2 (in body cavity of *Trichiurus*=*Phalangista vulpecula* (vulpina) var. *typica*; Australia); 1905, 358.
- depressa* Schneid., 1866a, 82, 95 (in *Corvus cornix*; Egypt).
- dermatemica* Silva Araujo, 1875, of Penel, 1905a, 11, 13 (for *dermathemica*) (so. bancrofti).—Cast. & Chalm., 1910a, 408; 1913a, 523.—Stiles, 1907b, 44.
- dermathemica* Silva Araujo, 1875, 36–86 (in *Homo*; Bahia).—Bourel-Roncière, 1878, 124; 1888a, 134, 136.—Brumpt, 1910a, 435; 1913a, 498.—Cobbold, 1878h, 362, 365 (filariöse *dermathemica*) (so. bancrofti).—Dunl., 1893a, 440; 1900a, 440.—Linst., 1900c, 76.—Rail., 1893a, 515 (so. b.).—Silva Lima, 1876, 107, 109 (in H.; B.); 1877, Sept., 389.—Stiles, 1907b, 43 (so. b.); 1907e, 615; 1914, MM, v. 2, 307.—Ward, 1895a, 320, 330 (so. b.); 1903, 213 (so. b.).
- dermithemica* Fayrer, 1879b, 189 (for *dermathemica*).—Stiles, 1907b, 44.
- diacantha* Mol., 1858c, 381–382 (s. *hytricus-prehensilis*, *loncheri*) (in *Hystrix* (*Cercolabes*) *prehensilis*, *Loncheres rufa*; Brazil).—Hall, 1916a, 180, 184 (*Euryzygomatomys rufus*, *E. spinosus*, *Cœndou prehensilis*; B.).—Stoss., 1897b, 67 (55) (in C. p., *Mesomys spinosus*; B.).
- digitata* Linst., 1906, Jan., 171–172, pl. 3 figs. 52–55 (in *Bos indicus*; Colombo, Ceylon).
- dipetala* Mol., 1858c, 373 (s. *lanii*) (in *Platyrrhynchus pitangua*; Cuyaba, Brazil).—Dies., 1861a, 704 (so. *Dipetalonema inflexum*).—Stoss., 1897b, 67 (55) (in P. p.; B.).—Also reported for *Megarhynchus pitangua*.
- dispar* Polonio, 1860b, 22 (in *Corvus corax*; Ticini).—Seur., 1916, 362.
- diurna* Mans., [1891e, 342 (*F. sanguinis hominis diurna*);] 1891g, Aug. 26, 203, 204 (probably young of loa) (in *Homo*; W. coast of Africa); 1891f, 734; 1892b, 81, 87, 88, 96; 1895b, 62–77; 1897d, 1837, 1838, fig. 2; 1899f, 645; 1901c, 561; 1903e, 545, 546, fig. 64b, 597–598; 1904, 545, 597, fig. 64b; 1907, 595, 677, 684.—Agramonte, 1902, v. 3 (9), 153–154.—A., D., & E., 1901b, 43, 46, 53, 55, 89–92; 1902, v. 5 (7), 111–112.—Assenova, 1899, 52, 95.—R. Bl., 1895b, 159–160; 1895, 777 (so. l.); 1899e, 513, 526, 527; 1900f, 289; 1905, 537 (so. l.), 538 (so. l.); 1906, 373.—Blatin & Joyeux, 1908, 30, 31.—Braun, 1895b, 224, 226; 1903a, 269, 273; 1906a, 292–293, 302; 1908a, 300; 1915a, 315.—Brit. M. J., 1901, Jan. 12, 98.—Brumpt, 1903, 370; 1904, v. 56, 630–632; 1904, v. 2 (11), 473; 1904, v. 55, 354; 1905, Nov. 2, 420; 1910a, 449; 1913a, 511.—Carougeau & Marotel, 1903, 448.—Cast. & Chal., 1910a, 421; 1913a, 536.—Daniels, 1897, 71; 1902b, 46; 1903, 114; 1910a, 104, 105; 1914a, 113.—Daniels & Stanton, 1907a, 122.—Deupser, 1894a, 32.—D., T., & C., 1904, 15 (Congo).—Fagge & Pye-Smith, 1902a, 472.—Firket, 1896a, 791.—Fülleborn, 1908, 668; 1912, v. 16, 439–440.—Green, 1902b, 130.—Guiart, 1910a, 451.—Hudellet, 1914, 116 (in man; Africa).—IMG, 1902, v. 37 (2), Feb., 64–65.—Kerr, 1904a, 195–196; 1905a, 181; 1905b, 474.—Kholodk., 1899a, 180.—Labadie-Lagrave & Deguy, 1899a, 459.—Legrain, 1898a, 151.—Lewald, 1901, 212.—Linst., 1900c, 83; 1907, 266.—Looss, 1905c, 159, 167, 176 (in H.; W. c. A.); 1914, 472.—Ludwig & Samisch, 1895a, 738.—Moniez, 1896a, 338, 344–345, 352.—Mordw., 1908, v. 13 (1–2), 195.—Nev.-Lem., 1902a, 95, 120, 121, fig. C; 1904a, 97, 122, 123; 1908a, 481.—Neum. & Mayer, 1914a, 391.—Ozzard, 1902g, 84.—Penel, 1905a, 4, 10, 75–80 (s. *sanguinis major*, *bourgi*), 81–84, 123, 127, 139, 141, 147.—Prout, 1901a, 210; 1902a, 880 (in negro).—Rail., 1893a, 522.—Roger, 1901, 96.—Sambon, 1902h, 381–385; 1903a, 26.—Seifert, 1908a, 550.—Seur., 1916, 355.—Simon, 1907a, 191; 1911a, 130.—Shaw, 1901, 592, 1027.—Sl. & Sw., 1912a, 353.—Sons., 1896, 324.—Stiles, 1907b, 37 (so. loa), 42 (in H.); 1914, MM, v. 2, 312.—Stoss., 1897b, 16 (in H. s.).—Tyson, 1903a, 1195.—Ward, 1895a, 330; 1903l, 212, 215 (in H.; W. c. A.); 1903, 704.—Wasielewski, 1913a, 331.
- dolichosoma* Stoss., 1902e, 11–12 (in *Dicotyles* sp.; Rio Peripa).

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- dracunculus* (Chisholm, 1815) Brems., 1819a, 194-221, pl. 4 fig. 1 (*medinensis* renamed); 1824a, 198-250.—Andral, 1829, 633 (so. m.); 1903, 3 ed. 260 (so. m.).—Braun, 1903a, 260; 1908a, 293.—Brumpt, 1913a, 526; 1915, 304.—Cast. & Chalm., 1910a, 417; 1913a, 541.—Cobbold, 1866a, 6.—Clelland, 1842, 341.—Dies., 1851a, 270 (so. m.).—Dunzl., 1893a, 440; 1900a, 440.—Hendley, 1872a, 59-60 (at Kherwarrah).—Ijima, 1889b, 367.—Looss, 1905, 182 (so. m.).—Martin, 1852a, 257 (*dracunculus*).—Mlinarich, 1832a, 6.—Most, 1836a, 761-762.—Neum. & Mayer, 1914a, 70, 400.—Parkes, L. C., 1889a, 71.—Parkes, E. A., 1891a, 80; 1891, 85.—Pruner, 1847a, 250.—Sjæbeck, 1830, 10.—Slawikowski, 1819, 60, 140.—Sl. & Sw., 1912a, 355.—Stevenson, 1892, v. 1, 274.—Stiles, 1907b, 37, 40.—Tyson, 1903a, 1196-1197.—Ward, 1903, 210 (so. m.).
- dragunculus* Martin, 1852a, 257 (misprint for *dracunculus*).
- drassi-lucifugi* Dies., 1851a, 87 (to Gord.) (based on Sieb., 1843a, 80) (in *Drassus lucifugus*; Mus. Wien).
- [*dubia* Crep., 1846b, 166, apparently not as specific name.]
- dubia* Leidy, 1856b, 55 (in *Diomedea exulans*; S. Atlantic); 1886e, 313 (so. *Tropidocerca certa*); 1904a, 102, 193.—Mol., 1858c, 428-429 (in D. e.).
- dubia* Stoss., 1897b, 85 (s. *verrucosa*) [not Leidy, 1856] (in *Falco swainsonii*, Brazil; Strix suinda).
- dubini* Cond.-Franc., 1892e, 173, 177 (in *Homo*; by Dubini).—Stoss., 1897b, 22 (10) (so. *lymphatica*).—Supino, 1900a, 91 (so. *inermis* Grassi).
- ecaudata* Oerley, 1882b, 312-313, pl. 10 figs. 1a-d (s. ? obtusa Rud.) (in *Lamprotornis aeneus*; Brit. Mus.).—Linst., 1891e, 300.—Par., 1899b, 99; 1899a, 15 (cf. obt.).—Stoss., 1897b, 26-27 (14-15) (in L. a.).
- echinata* Linst., 1878b, 235, pl. 8 fig. 20 (in *Alburnus lucidus*; Ing.); 1889a, 86 (= *Spinitectus oviflagellis* Fourm., 1883, 575-578) (in *Merlangus vulg.*).—Hofer, 1904a, 230 (in *Anguilla vulg.*, Alb. l.).—Nicoll, 1907a, 71, 72 (*Gadus merlangus*, *Hippoglossus vulg.*).—Stoss., 1897b, 37-38 (25-26) (in A. l.; Hameln).
- effilata* Linst., 1897i, 30, figs. 6-7 (in *Tragulus pygmæus*; Madagascar); 1906, 7; 1907, 258, 267.
- elachistæ-cygnipenellæ* Dies., 1851a, 105 (to Gord.) (based on Sieb., 1843a, 84) (in *Elachista cygnipenella*; by Heyden).
- elainæ* Linst., 1899a, 360-361 (in *Elainea albiceps*; Argentina).
- elongata* (Rud., 1819) Schneid., 1866a, 94 (in *Sterna nigra*).
- ematica* Galeb. & Pourquier, 1877d, 140-141 (for *hæmatica*).—Fogliata, 1881a, 11-13.—Stiles, 1907b, 46 (so. *immitis*).
- [Embryos of] [See also *Microfilaria*.]—Lingard & Jennings, 1906, 9 (in *Tabanus tropicus*).—Macfie, 1914, ATMP, 456-458, pl. 25 figs. 1, 3 (in *Azama colonorum*); 462-463, pl. 25 fig. 2 (in *Bufo regularis*).—Stitt, 1910a, 238 (key to).
- emma* Stoss., 1897b, 38 (26) (in *Calotes emma*; Birma) (for *Fil. sp.* Par., 1890, 778).
- ennomi-crataegatæ* Dies., 1851a, 105 (to Gord.) (in *Ennomos crataegata*; Middlesex, teste Hope, 1840a, lxxxvi).—[Sieb., 1842e, 161.]
- ephemeridarum* Linst., 1892a, 326, pl. 15 figs. 3-4 (in *Ephemera vulgata*, *Oligoneuria rhenana*; Gøtt.); 1893, 330.—Seur., 1916, 355 (in E. v., O. r.).—Stoss., 1897b, 14 (12) (in E. v., *Oligoneuria*; G.).
- ephippigeræ-perforatæ* Dies., 1851a, 96 (so. Gord. *barbitistis-perforati*) (based on Sieb., 1843a, 83) (in *Ephippigera perforata*; Mus. Wien).
- equi* Gmel., 1790a, 3039 (in *Equus cab.*, Müell., 49, pl. 109 fig. 12).—A., D., & E., 1901b, 14 (so. *equina*).—Balfour, 1910, v. 13, 98.—R. Bl., 1847a, 154 (so. e.).—Bennet & Olivier, 1826a, 23-24 (in horse).—Bosc, 1802a, 48.—Braun, 1903a, 276 (so. e.).—Cat. RUSL, 1830, 36 (so. *papillosa*).—Lam., 1801a, 340.—Lee, 1840a.—Neum. & Mayer, 1914a, 406.—Rail., 1893a, 524 (so. e.).—Rud., 1809a, 62 (so. p.), 63.—Stiles, 1892f, 146; 1907b, 41.—Stoss., 1897b, 39 (27) (so. e.).—Ward, 1895a, 339 (in E. c.) (so. e.).
- equie* Francis, 1894a, 451 (misprint for *equina*).—Stiles, 1907b, 42.
- equina* (Abildg., 1789) E. Bl., 1849a, 154-155 (s. *equi-papillosa*), pl. 6 fig. 3.—A., D., & E., 1901b, 14.—Assénova, 1899, 103.—R. Bl., 1888r, 39; 1890a, 7 (s. p.), 8, 9; 1895b, 169-171; 1899e, 520, 525, 528 (in *Equus asinus*, E. cab.,

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- E. mulus*, 530, 531.—Bossuat, 1902, v. 6, 197 (Egypt).—Braun, 1903a, 276-277 (s. equi, p., hominis bronchialis, hominis, Hamularia lymphatica, Tentacularia subcompressa, Str. bronchialis), figs. 208-209; 1906a, 305-306, figs. 203-204; 1908a, 309, figs. 256-257; 1915a, 326.—Braun & Luehe, 1909a, 150; 1910a, 164, 165.—Brumpt, 1910a, 463.—Carougeau & Marotel, 1903, 448.—Cast. & Chalm., 1910a, 420; 1913a, 532.—Daniels, 1910a, 120; 1914a, 131.—Edelman, 1916a, 263.—Fiebigger, 1912a, 230.—Fröhner, 1915a, 432.—Galli-Val., 1898c, 7; 1901c, 359 (in E. c.); 1908, 611.—Gough, 1903, 4 (in Equus; S. Africa).—Hinebaugh, 1892a, 331.—Hut. & Mar., 1913a, 933; 1913b, 516, 611.—Kipp, 1879a, 104-105.—Kowal., 1902d, 30 (12); 1904, 10 [25] (in E. c.; Lwow).—Lee, 1840a, 278-295.—Lingard, 1905, 1, 2, 50.—Linst., 1899b, 24; 1902a, 222 (s. Ham. lymph.) (in Homo; Breslau, Germany); 1902b, 24; 1903u, 268; 1906, 171; 1907, 266.—Mans., 1907, 678, 684.—Mason, 1915, 37 (in horse).—Moniez, 1896, 354 (not inermis).—[Morgan, 1786a, 383.]—Mordw., 1908, v. 13 (1 2), 193, 194.—Neum., 1897b, 75-84, figs. 1-4; 1897c, 481-482 (oculi); 1897e, 138-140.—Nev.-Lem., 1908, 498; 1912a, 799.—Penel, 1905a, 68, 72, 73, 74 (Brockmann's case of loa at Madras).—Rail., 1893a, 524-526, 528, figs. 364-366.—Sl. & Sw., 1912a, 364, 392, 404, fig. 209.—Smith, A. J., 1908, 269.—Stiles, 1892f, 143, 144, 145, 146, 147; 1907b, 41; 1907e, 623; 1914, MM, v. 2, 306, 315.—Stiles & Hass., 1894e, 346 (in E. c.).—Stoss., 1897b, 39-40 (27-28) (in E. c., E. a., E. mulus, Bos taurus, B. bubalis).—Swords, 1879, 166.—Turnbull, 1879, 100-102; 1879, 606-608.—Vauil., 1901, 123, 128.—Verdun, 1907a, 416.—Ward, 1895a, 334 (in Bos taurus), 339 (in E. c.); 1903, 212; 1916, 689.—Wolffh., 1911, 49-50.
- erinacei* C. E. V. in Rud., 1819a, 8 (in Erinaceus vulg.; C. E. V.).—Dies., 1851a, 319 (to Str.).—Duj., 1845a, 47.—Mol., 1861a, 526 (102) (to Str.).
- erinacei* Sons., 1896m, 438 (larva encysted in muscles & peritoneum of Erinaceus auritus; Egypt).—Seur., 1916, 355.
- [Erkrankung.—See filariasis].—Peichmann, 1910, v. 57, 2291-2293 (treatment).
- erucarum* (Werner, 1782) Schrank, 1788a, 2 (in Falterraupen; Schrank, 1776a 98, pl. 4 fig. 1); 1803, 186.—Dies., 1851a, 100 (so. Gord. vanessæ-antiopæ), 101 (so. G. lycanæ-betulæ), 101 (so. G. l.-quercus), 101 (of Schrank, so. G. v.-polychlori), 101 (of Rud., so. G. v.-urticæ), 102 (so. G. notodontæ-ziczac), 102 (so. G. sphingis-euphorbiæ), 103 (so. G. gastropachæ-trifolii), 103 (so. G. liparidis-salicis), 104 (so. G. euprepia-cajæ), 104 (so. G. g.-quercus).—Duj., 1845a, 66-67.—Rud., 1809a, 79-81 (s. lepidopterorum, larvarum); 1819a, 12, 219.—Sieb., 1839, 169.
- eunectis-scytalis* Mol., 1858c, 430 (s. boæ) (in Eunectes scytale; Caicara, Brazil).—Stoss., 1897b, 67 (55) (in E. s.; B.).
- eupemphigis-marmorati* Mol., 1858c, 431 (s. bufonis) (in Eupemphix marmoratus; Caicara, Brazil).—Rail., 1916, 138 (s. bufonis) (in E. m.).—Stoss., 1897b, 67 (55) (in E. m.; B.).
- euprepia-cajæ* Dies., 1851a, 104 (to Gord.) (based on Sieb., 1842e, 158) (in Euprepia cajú; by Werner).
- euprepia-jacobææ* Dies., 1851a, 104 (to Gord.) (based on Sieb., 1843, 84) (in Euprepia jacobæa; by Germar).
- evansi* Lewis, 1882b, 63-64; 1882c, 127-128 (in blood of camel; Dera Ismail Khan, India); 1882d, 509; 1884a, 359.—A., D., & E., 1901b, 19.—R. Bl., 1895b, 171-172, 199.—Carougeau & Marotel, 1903, 448.—CrSB, 1905, v. 57, 672.—Geddelst, 1911a, 106 (dromadaire).—Goubaux, 1853, 83.—Hut. & Mar., 1913a, 934, 935.—Johnst. & Cleland, 1911, v. 44, 178, 179.—Leese, 1910, v. 23, Sept. 3, 138-139; 1910, v. 5 (1) 89, 91, 92; 1911, v. 6 (4), 400-414, 5 figs.—Linst., 1903t, 353; 1907, 266.—[Mason, 1911, v. 24 (4), Dec. 30, 329-339, figs. 1-7.]—Nev.-Lem., 1912a, 804.—Rail., 1893a, 523; 1915, 509; 1915, IVC, 747 (in dromedary).—Sergeant & Sergeant, 1910, (1902-1909), 215-216.—Seur., 1916, 345, 355 (s. hæmatica cameli) (in chameau).—Sweet, [1915], 17.—Also reported for Camelus bactrianus, C. dromedarius.
- extenuata* Deslgch., 1824p, 395 (in Mullus surmuletus; Ing.).—Dies., 1851a, 285.—Duj., 1845a, 61.—Kröy., 1838-40a, 581 (in M. s.).—Mol., 1858c, 432 (in M. s.; Caen).—Stoss., 1897b, 67-68 (55-56) (in M. s.; C.).
- falciformis* A., D., & E., 1901b, 33-35, pl. 7 figs. 1-5, pl. 8 figs. 1-2, pl. 13 figs. 5 (subcut. and in blood, Cinnerys fuliginosa; W. Africa).—Linst., 1907, 267 (in C.; A.).—Seur., 1916, 345 (in C. f.).

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- falconis* Gmel., 1790a, 3040 (in *falconum* tela cellulosa adbominali et crurali; Pall., 83).—Bosc, 1802a, v. 2, 49; 1830a, 52 (s. *attenuata*).—Mol., 1858c, 375 (so. *foveolata*), 402 (so. *nodispina*).—Rail. & Henry, 1916, 366.—Rans., 1904, 31.—Rud., 1809a, 70 (so. *falconum*).—Stiles, 1907b, 32 (=fov. or nod.).—Stoss., 1897b, 55 (43) (so. att.); 1898, 96.—Zed., 1803a, 38.
- falconis-magnirostris* M. C. V. in Mol., 1858c, 392 (so. *campanulata*) (in *Falco magnirostris*; Brazil).—Rans., 1904, 34.
- falconum* Rud., 1809a, 70 (s. *falconis*) (in *Falco* sp. sp.: [Europe]).—Baird, 1853a, 6 (so. *attenuata*).—Brems., 1811a, 24.—Rail. & Henry, 1916, 366.
- fasciata* Weidmann, 1913, 140–141 (in wild cat; Phila.).
- felis-concoloris* M. C. V. in Mol., 1858c, 389 (so. *striata*) (in *Felis concolor*; Caiçara, Brazil).
- felis-jaguarondi* M. C. V. in Mol., 1858c, 421 (so. *felis-mellivoræ* (*pulmonalis*)) (in *Felis mellivora*; Ypanema).
- felis-mellivoræ* Stoss., 1897b, 68 (56) (for *felis-mellivoræ* (*pulmonalis*)).
- felis-mellivoræ* (*pulmonalis*) Mol., 1858c, 421 (s. *felis-jaguarondi*) (in *Felis mellivora*; Ypanema).—Stoss., 1897b, 68 (56) (in F. m.; Brazil).
- felis-onçæ* Stoss., 1897b, 68 (56) (for *felis-onçæ* (*intermuscularis*)).
- felis-onçæ* (*intermuscularis*) Mol., 1858c, 421 (s. *felis-onçæ*) (in *Felis onça*; Cachoeira do Robo do Ribeirão).—Stoss., 1897b, 68 (56) (in F. o.; Brazil).
- feronia-melanariæ* Dies., 1851a, 90 (to Gord.) (based on Sieb., 1842e, 150) (in *Feronia melanaria*; Coll. Schlotth.).
- feronia-metallicæ* Dies., 1851a, 90 (to Gord.) (based on Sieb., 1842e, 151; 1843a, 80) (in *Feronia metallica*; Goett., Wien).
- filaræ* Dufour, 1828d, 224, pl. 12 fig. 4 [apparently an egg string of *Paragord.*] (expelled from *F. tricuspidata*, parasitic in *Gryllus burdigalensis*).—Leblond, 1836f, 6.
- filiformis* Mol., 1858c, 396 (s. *turdi*) (in *Anabates rufifrons*; Cuvaba).—Fedtsch., 1874a, 61 (in A. r.; America).—O'Zoux & Henry, 1909, 547.—Rans., 1904a, 35, 38.—Stoss., 1897b, 68 (56) (in A. r.; Brazil).
- flabellata* Linst., 1888a (b), 9–10, pl. 2 figs. 1–5 (in *Paradisea apoda*; Aru Islands); 1891e, 300.—O'Zoux & Henry, 1909, 547.—Par., 1890, 777.—Stoss., 1897b, 28 (in *Cyanops ramsayi*, P. a.).
- flavescens* Cast. & Willey, 1904, SZ, v. 2 [nv.].—Linst., 1906, Jan., 172 (in *Calotes versicolor*; Colombo, Ceylon).—Seur., 1916 (1917), CrSB, 1134 (14) (in C. v.; C.).
- flexuosa* Wedl, 1856b, 122–126, pl. 1 figs. 1–7 (in *Cervus elaphus*; by Wedl).—Augustin, 1913, 1–51, 6 pls.—Braun, 1908a, 307.—Cond.-Franc., 1892e, 178.—Fiebiger, 1912a, 231.—Hut. & Mar., 1910b, 1047; 1913b, 1060.—Kless, 1908, ZFM, v. 18, 116–121 (in *Hirsch*); 1908, Ov. v. 31, 332–333; 1908, HC, v. 4, 379.—Linst., 1879, 328, pl. 5 fig. 12; 1907, 257, pl. 7 fig. 19 (in C. e.; Berl.).—Mol., 1858c, 386–387 (in C. e.; Wien).—Neum. & Mayer, 1914a, 408.—Rail. & Henry, 1909, v. 86, 128 (to *Onchocerca*; 1910, 251 (in C. e.; Germany).—Stoss., 1897b, 20–21 (8–9) (in C. e.; Wien).
- flexuosa* Schlotthauber, 1860a, 125 (in stomach of *Falco buteo*; by Schlotth.).
- forciculæ* Rud., 1809a, 77; 1819a, 11, 218–219 (in *Forficula auricularia*; by Schröder, 1816).—Bennet & Olivier, 1826a, 24–25 (*forcilæ*) (in earwig).—Dies., 1851a, 94 (so. Gord. *forciculæ-auriculariæ*).—Dufour, 1828b, 66–69, pl. 9C figs. 1–2.—Duj., 1845a, 65.—Maund, 1830a, 46; 1830b, 263; 1830c, 149, fig. 32; 1830, v. 7, 399–400.—Sieb., 1842, 153, 161; 1843, 81.
- forciculæ-borealis* Dies., 1851a, 94 (to Gord.).
- formicarum* Dies., 1851a, 99 (to Gord.) (quotes Sieb., 1843a, 81 (in *Formica* sp.); teste Gould).
- foveata* Schneid., 1866a, 90, fig. 1 (in *Strix brachyotus*; Brazil).—Rail. & Henry, 1916, 368 (in *Asio accipitrinus*).—Shipley, 1905, 252 (in *Asio brachyotus*; Argentine).—Stoss., 1897b, 44 (32) (in *Otus brachyotus*; B.).—Also reported for *Aegolius brachyotus*.
- foveolata* Mol., 1858c, 375–376, 444, 445, 448 (s. *attenuata*, *falconis*, *Ascarides*) (in *Corvus frugilegus*, *Falco cayanæus*, *F. lanarius*, *F. lithofalco*, *F. peregrinus*, *Thamnophilus staturus*; Europe, Praja de Cajutuba).—Lepri, 1898a, 53, 54,

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foveolata—continued.

66.—Linst., 1879a, 172-173, pl. 11 fig. 18 (in F. p.).—Par., 1902, 1, 15-16 (in F. p.).—Rail. & Henry, 1916, BSPe, 366, 367.—Skrj., 1915, 133; 1916, 461, 549, 550 (to *Serratospiculum*).—Stiles, 1907b, 32 (cf. *falconis*).—Stoss., 1890, 130; 1891, v. 6, 217; 1892, v. 7, 72; 1897b, 20 (8) (in *Circus cyaneus*, *Corvus f.*, F. p., F. l., F. lith., *Nisus com.*, T. s.; Europe, Brazil); 1898, 94; 1902, 11 (in F. p.).—Also reported for *Aesalon regulus*.

fragilis Petrov, 1910, Avn, v. 40 (9), 1202-1203 (on surface of liver, *Bos taurus*; Charkov).

friganæ Bosc, 1802a, v. 2, 50 (dans les larves des phryganea; Degeer, Ins., 2, 1, pl. 14 figs. 12, 14).

fülleborni (Rodenwaldt, 1909) Sl. & Sw., 1912, 515 (lapsus for *Fasciolopsis fülleborni*).

furcata Linst., 1899b, 24, fig. 76 (in *Chamaeleo* sp.; Madagascar); 1906, 7.—Rail. & Henry, 1914, BSPe, v. 7, 175 (in *C. oustaleti*).—Seur., 1916, 345 (in *C. o.*); 1916 (1917), CrSB, 1136 (16) (in *C. o.*; M.).

fusca Rud., 1819a, 5, 211 (in *Pleuronectes mancus*; Nap.).—Aless., 1838, 6.—Crep., 1846b, 159, 162, 163, 164, 173.—Dies., 1851a, 284-285 (in P. m.; N.); 1861a, 699 (to *Ichthyonema*).—Duj., 1845a, 62.—Mol., 1858c, 433-434 (in P. m.; N.); (1859), 27.

fusiformis Mol., 1858c, 415 (s. *bucconis-calcarati*) (in *Monasa tranquilla*; Barra do Rio negro, Brazil).—Dies., 1861a, 709 (to *Dicheilonema*).—Stoss., 1897b, 68 (56) (in M. t.; B.).

fusiformis avium A., D., & E., 1901b, 30-31, pl. 4 figs. 1-4, pl. 13 fig. 3 (in *Hyphantornis aurantus*, H. sp., *Spermestes cucullatus*; apparently *Nigeria*, W. Africa).—Linst., 1907, 266 (in *Spermestes*, *Hyphantornis*; A.).—Seur., 1916, 345 (in H. a., H. sp., S. c.).

galeata Lint., 1905d, 325, 330, 344-345, 374, pl. 3 fig. 17, pl. 4 figs. 18-20 (in *Coryphaena equisetis*, *Sphyrna tiburo*; N. Carolina).

galleruæ-alni Dies., 1851a, 93 (to Gord.).—[Sieb., 1842e, 152.]

gallinæ Schrank, 1788a, 1 (in *Gallus dom.*; Gœze, 1782a, 126, pl. 7B figs. 8-10); 1790a, 119; 1803, 191.—Bennet & Olivier, 1826, 24 (in *Huishoen*, *Tetrao tetrax*).—Bosc, 1802a, v. 2, 49.—Gmel., 1790a, 3040.—Hass., 1896a, 5, 6 (so. *Trichosoma longicolle*).—Mol., 1861c, 320 (so. *T. annulatum*).—Nordm., 1840a, 666 (so. *Hamularia cylindrica*).—Rud., 1809a, 84 (so. *H. nodulosa*).—Stiles, 1907b, 31.

gammari Linst., 1892a, 325-326, pl. 15 fig. 2 (in *Gammarus pulex*; by Linst.).—Seur., 1916, 355 (in G. p.).—Stoss., 1897b, 15 (in G. p.; Gœtt.).

gasterostei Stiles, 1891g, 164-165 (3-4) (in *Gasterosteus aculeatus*; Baltic Sea).

gastropachæ-quercifoliæ Dies., 1851a, 104 (to Gord.) (based on Sieb., 1843a, 83) (in *Gastropacha quercifolia*; by Rossi).

gastropachæ-quercus Dies., 1851a, 104 (to Gord.) (based on Sieb., 1842e, 158) (in *Gastropacha quercus*; by Werner).

gastropachæ-trifoliæ Dies., 1851a, 103 (to Gord.) (based on Sieb., 1842e, 158) (in *Gastropacha trifolius*; by Hettlinger).

gastrophila Muell., 1894a, 113-116, pl. 7 fig. 1 (in *Felis dom.*); 1894c, 685; 1895b, 107, 267-268 (in F. d.).—Geddes, 1911a, 106 (in cat.).—Hut. & Mar., 1913b, 255.—Nev.-Lem., 1912a, 804.—Stoss., 1897b, 47-48 (35-36) (in F. d.).

georgiana (Stiles, 1907) Cast. & Chalm., 1910a, 448.

geotrupis Linst., 1896i, 375, pl. 16 fig. 1 (in *Geotrupis sylvaticus*; by Linst.).—Seur., 1915, 564 (in G. s.); 1916, 355 (in G. s.).—Stoss., 1897, 15 (3) (in G. s.; Gœtt.).

gibsoni Cleland & Johnst., 1910, AG, v. 21 (2), Feb. 2, 173-174 (1-2) (in brisket of *Bos taurus*; Queensland); 1910, v. 44, 156-171 (to *Onchocerca*) (in cattle and ? Indian buffalo); 1910, JCPT, v. 23 (4), Dec. 31, 335-353; 1911, JMMH, v. 1 (1), Jan., 21-24 (in cattle; Queensland); 1911, JTVS, 536-548, figs. 1-4; 1911, 35-58, 4 figs.—Leiper, 1911, QAJ, v. 26 (4), 220-221.

gigas Prout, 1902a, 880 (in *Homo*; Moyamba, Sierra Leone, W. Africa); 1902, Oct. 15, 318-319; 1905b, 683.—R. Bl., 1905a, 538.—Braun, 1908a, 306; 1915a, 321.—Cast. & Chalm., 1910a, 407; 1913a, 522.—Guiart, 1910a, 468.—Looss, 1905c, 170 (in H.: S. L.).—Low, 1905b, 1329-1330 (considers contamination, probably insect hairs).—Mans., 1903e, 546, 604 (in H.: S. L.); 1904, 546,

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604.—Nev.-Lem., 1906a, 306: 1908a, 486.—Penel, 1905a, 5, 10, 81, 125, 141, 147.—Sl. & Sw., 1912a, 363.—Stiles, 1907b, 49; 1914, MM, v. 2, 305, 306, 315.—Verdun, 1907, 416.—Ward, 1916, 690.

globiceps Rud., 1819a, 7, 215 (in Blennius phycis, Uranoscopus scaber: Nap.).—Crep., 1846b, 159, 162, 173.—Dies., 1851a, 285: 1861a, 699 (to Ichthyonema).—Duj., 1845a, 61.—Mol., 1858c, 432 (in Phycis mediterraneus, U. s.: N.).—Schneid., 1866a, 25, 78, 175.—Wagener, 1857a, 112, pl. 36A fig. 14.—Will.-Suhm, 1870, 17.

glomeridis Linst., 1885b, 243, pl. 14 figs. 17–18 (in Glomeris limbata; by Linst.).—Seur., 1916, 355 (in G. l.).—Stoss., 1897b, 16 (4) (in G. l.; Hameln).

gobionis Schrank, 1788a, 2 (in Gobio: Gœze, 1782a, 126, pl. 8 figs. 1–3).—Rud., 1809a, 60 (so. ovata).—Seur., 1916, 355.—Sramek, 1901, 102 (so. Ichthyonema ovatum).

gomphoceri-biguttuli Dies., 1851a, 97 (so. Gord. oedypodæ-biguttulæ) (based on Sieb., 1843a, 83) (in Oedypoda biguttula; Austria).

gomphoceri-paralleli Dies., 1851a, 97 (so. Gord. oedypodæ-parallele) (based on Sieb., 1843a, 83) (in Oedypoda parallela; Mus. Wien): 1850, EZ, v. 10, 334 (6).

gracilis Rud., 1809a, 57–58, pl. 1 fig. 1 (in Simia capucina; by Albers): 1819a, 3–4, 208 (in S. apella, S. c., S. paniscus, S. sphynx: Berl.).—Ben., 1878a, 278 (in atèle & chimpanzé).—Blainv., 1828a, 536.—Brems., 1824a, 123.—Cat. RCSL, 1830, 36 (in S. c., S. satyrus).—Cobbold, 1866b, 7 (in Cebus capucinus, S. s.): 1879b, 291.—Crep., 1846b, 155, 157, 159, 160, 162, 171.—Crisp, [1861a], 16–17 (in monkey).—Dies., 1851a, 18.—Duj., 1845a, 46–47.—Fox, 1910, 23 (in white throated cebus, black handed spider monkey); 1911, 28 (in monkeys): 1912, 36 (in C. cap.).—Lam., 1816, 217.—Linst., 1899b, 22–23 (s. Gongylonema filif., Dipetalonema caudispina), pl. 5 fig. 61, pl. 6 fig. 75 (in Ateles hybridus, A. sp., Cebus capucinus, C. frontatus; Berl. Zool. Gard.): 1903u, 269.—Mol., 1858a, 167: 1858c, 376–377, pl. 1 fig. 1 (in Cercopithecus, Ceb. cap., C. ap., C. ar., C. urs., Jacchus bicolor, J. rosalia, J. midas: M. C. V.), 382 (so. caudispina).—Nordm., 1840a, 667.—Olfers, 1816a, 54.—Schneid., 1866a, 83, 87, 99–204, 212, pl. 5 fig. 15.—Smith, A. J., 1908, 269 (in Cebus hypoleucus).—Smith, S., 1873a.—Stiles & Hass., 1894e, 346 (in Lagothrix sp.).—Also reported for Ateles hybridus, Lag. sciuria, Simia apella, S. capucina, S. midas, S. paniscus.

granulosa Linst., 1906, v. 1 (3), 256–257, fig. 18 (in Felis pardus: Mus. Königsb.).—Braun, 1915a, 321.

grassi R., H., & L., 1912, v. 5 (6), 395 (misprint for grassii).

grassii Noe, 1907, RA, Lincei, v. 16, 806–810 (in Canis fam.): 1908, v. 17, 282–293, figs. 1–4: 1908, v. 6 (15) 689–690: 1908, CfB, v. 42 (14–16), 500: 1911, Ric. lab. anat. norm. Univ. Roma, v. 15, 235–252, pl. 11 figs. 1–32 (in C. f.: Rhipic. sanguineus).—Baldasseroni, 1909, 173 (in dog, R. s.).—Braun, 1915a, 319.—Gedølst, 1911a, 106 (in dog).—R., H., & L., 1912, v. 5 (6), 395 (to Acanthocheilonema).—Seur., 1916, 355.

gruis Linst., 1875a, 197–198, figs. 23–24 (in intest. wall of Grus cinerea, in liver of Ciconia alba: lng.).—Mingazzini, 1900, 144, figs. 5, 6.—Rizzo, 1902, 37 (in Gongylus ocellatus).—Seur., 1916, 352, 355.—Stoss., 1897b, 13 (1) (in C. a., G. c.); 1900, 4–5, figs. 13–16.

gruis-antigones Cobbold, 1861e, 124 (in Grus antigone; lng.).

grylli Gmel., 1790a, 3040 (in gryllis: Gœze, 1782a, 128, et al.).—Bennet & Olivier, 1826a, 25 (in green grasshopper).—Bosc, 1802a, v. 2, 49.—Dufour, 1828d, 223 (? so. triscuspidata).—Duj., 1845a, 65.—[Hope, 1840a, lxxxv.]—Rud., 1809a, 78 (so. locustæ).

grylli-bondigalensis Dies., 1851a, 95 (to Gord.).—Cam., 1886a, 161 (so. G. triscuspidatus): 1897g, 400 (so. Paragord. triscuspidatus).—[Sieb., 1842e, 154.]

guineensis Dungl., 1893a, 440 (so. medinensis); 1900a, 440 (to Dracunculus).—Stiles, 1907b, 40.

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- guttata* Schneid., 1866a, 80, 83, 92, 213, 300 (1 fig.) (in *Falco borigera*; Australia).—Johnst., 1912, v. 12, 109 (in *Hieracidea berigora*).—Rail. & Henry, 1916, BSPE, 367, 368 (in F. b.; A.).—Seur., 1915, 23 (so. *attenuata*).—Skrij., 1916, 461, 550 (to *Serratospiculum*): 1915, 134.—Stoss., 1897b, 54–55 (in F. b.).
- labiato-papillosa* Linst., 1903t, 353 (lapsus for *labiato-papillosa*).
- hæmatica* Leuck., 1867b, 102 (in heart of dog; Gruby & Delafond, 1852).—Cazal-bou, 1906, v. 83, 596–597 (W. Africa).—Cobbold, 1873c, 92.—Dav., 1877a, 345, 347–349, 909, 955, 957, 973.—Dolley, 1894a, 993 (so. *immitis*): 1901, 993.—Erc., 1875e, 38 (mentioned in discussion of i.).—Fogliata, 1881a, 11–13.—Galeb & Pourquier, 1877a, 271–273 (in dog): 1877b, 95; 1877c, 127–129; 1877d, 140–141; 1877f, 352.—Hut. & Mar., 1905a, 734; 1913a, 929.—Lancereaux, 1888b.—Lavault, 1896a, 162–163 (in *Canis fam.*).—Nogueira, 1886a, 666–667.—Signal [1884, 226].—Stiles, 1907b, 46 (so. i.).
- hæmatica cameli* Pricolo, 1913, CfB, v. 71, 199–200 (in chameau; Tripoli).—Seur., 1916, 355.
- hæmophila* Linst., 1903t, 352–353, figs. 1–2 (in *Bos bubalus*; Malay Peninsula).—Rail. & Henry, 1912, 115 (so. *Elæophora poeli*).—Sweet, [1915], 11.
- hæmorrhagica* Rail., 1885a, 379–380, fig. 266 (s. *multipapillosa* C. & D., not *multipapilla* Mol. (in *Equus cab.*; Condamine & Drouilly, 1878, RMv, 1144); 1893a, 505, 525; 1915, 510; 1915, IVc, 748.—Rail. & Moussu, 1892a, 545–550 (s. *multipapillosa* C. & D., not Mol., 1857) (in donkey); 1892b, 1–6; 1892c, 344–345; 1892d, 243–244; 1893a, 229–234.—A., D., & E., 1901b, 15 (s. *multipapillosa*, *multipapilla*) (in horse and donkey).—Assénova, 1899, 121.—Braun, 1903a, 276 (s. *multipapillosa*).—Cancel, 1913, Sept.: 1914, v. 39 (6), 353.—Craig, 1915, 508.—Fiebiger, 1912a, 232.—Fröhner, 1915a, 536.—Gedaist, 1911a, 106 (in h. & d.).—Hobday, 1898b, 266–267 (*hemorrhagica*) (in pony; Eng.).—Hut. & Mar., 1906a, 941; 1910b, 1045; 1913b, 1057.—Mazzanti, 1900b, 626.—Neum. & Mayer, 1914a, 408.—Nev.-Lem., 1912a, 795.—Ratz, 1898, 393–395; 1900, 142–143.—Romanovitch, 1914, v. 77 (26), 390–391; 1916, CrSB, 744–745.—Rossignol, 1844, v. 1, 878–881.—Sl. & Sw., 1912a, 393, 403.—Stoss., 1897, 24–25 (in *Equus cab.*, *E. asinus*).—Vaull., 1901, 123, 128.—Ward, 1895a, 339 (in E. c.).—Also reported for *E. mulus*.
- haje* Wedl, 1861b, 472–473, 482, figs. 27–28 (in *Uraeus haje*; Egypt).—Seur., 1916, CrSB, 1133.—Stoss., 1897b, 68 (56) (in *Naja haje*).
- hamata* Linst., 1877a, 11–12 (in *Falco nisus*; Ing.); 1879a, 172, pl. 11 fig. 17 (in *Astur nisus*).—Stoss., 1891, 89 (to Disph.); 1898, 93.
- hamata* Simonds, 1863, JRAS, v. 24, 600, 605–607 (in *Ovis aries*; Eng.); 1893a, 284 (in sheep; Eng.) (so. *Str. contortus*): 1894a, 579–583.—Cobbold, 1882d, 186 (so. S. c.) (in *Ovis aries*).—Hart, 1875a, 284 (so. S. c.).—Veterinarian, 1875, v. 48, 584.
- hamulosa* (Dies., 1851) Schneidem., 1896a, 308 (seu *Spiropt.*) (in Magenwand des Huhnes).—Stiles, 1907b, 42 (by lapsus, so. *equina*).
- harpali-ænei* Dies., 1851a, 91 (to Gord.) (in *Harpalus æneus*; Middlesex, teste Hope, 1840a, lxxxiv).—[Sieb., 1842e, 161.]
- harpali-azurei* Dies., 1851a, 91 (to Gord.) (based on Sieb., 1843a, 81) (in *Harpalus azureus*; by Spence & Kirby).
- harpali-binotati* Dies., 1851a, 91 (to Gord.) (in *Harpalus binotatus*; Middlesex, teste Hope, 1840a, lxxxiv; M. C. V.).—[Sieb., 1842e, 161.]
- harpali-ruficornis* Dies., 1851a, 92 (to Gord.) (in *Harpalus ruficornis*; Middlesex, teste Hope, 1840a, lxxxiv).—[Sieb., 1842e, 161; 1843a, 80, 81; 1850k, 332 (4).]
- hebetata* Cobbold, 1873m, 676 (in Crested seal; Liverpool?); 1875c, 217; 1875d, 211 (in seal; Ing.); 1879b, 314.—Joly, —, 14.—Linst., 1903t, 353.—Seur., 1916, 345 (in C. c.).—Stoss., 1897b, 69 (57) (in *Cystophora cristata*).
- helicina* Leidy, 1886e, 310 (for *helicina* Mol.); 1904, 190.
- helicina* Mol., 1858c, 391–392 (s. *ploti*) (in *Plotus anHINGA*; Brazil).—Dies., 1861a, 702.—Leidy, 1886e, 310 (*helicina*) (s. *anHINGA*, *wymani*, *Eustr. sp.*) (in P. a.; Fla.); 1904a, 190.—Linst., 1904n, 300.—Stiles & Hass., 1894e, 347 (in P. a.).—Stoss., 1897b, 69 (57) (in P. a.; Fla.).—Also reported for *Conurus pavua*.
- hellichi* Sramek, 1901a, 95, 96, 99–100, fig. 53a–c (in *Barbus fluv.*, *Squalius dobula*; Podiebrad, Böhmen); 1902, v. 12, 173.—Hofer, 1904a, 230 (in B. f., *S. cephalus*).

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- hemicycla* Mol., 1858c, 377-378 (s. psittaci-menstrui) (in *Psittacus menstruus*; Matogrosso, Brazil).—Dies., 1861a, 701.—Stoss., 1897b, 69 (57) (in *Pionus menstruus*; B.).
- hemorrhagica* Hobday, 1898b, 266-267 (for hæmorrhagica) (in pony; Eng., originally from Russia).
- hepatica* Cobbold, 1873c, 92 (in *Canis* fam.; by Mather); 1879b, 304.—Fiebiger, 1912a, 232.—Rail, 1893a, 532.—Ward, 1895a, 343 (larva in *C. f.*).
- hepatica* (Linn., 1758) Braun & Lûche, 1910a, 198 (lapsus for *Fasciola h.*).
- hepatica* Linst., 1898c, 283, figs. 5-6 (in *Pteropus neohibernicus*; Ralim).
- hepioli-humuli* Dies., 1851a, 103 (to Gord.) (in *Hepiolus humulus*; Coll. Hope, 1840a, lxxxvi).—[Sieb., 1842e, 161.]
- herpetica* Roger, 1907h [nv.]; 1908, v. 9, 389; 1908a, 184; 1908b, 373-374 (hng.; Oran); 1908c, 415 (at Aran).—Gedølst, 1911a, 106 (in horse).
- hippopotami* Leiper, 1910, PZSL, 234-235, fig. 27A (in *Hippopotamus*; Victoria Nile).
- hæmorrhagica* Assenova, 1899, 103 (for hæmorrhagica).
- hominis* Dies., 1851a, 279, 535, 567 (for *hominis bronchialis*).—R. Bl., 1890a, 15 (so. lymphatica).—Braun, 1903a, 276 (so. equina); 1908a, 309; 1915a, 325, 326.—Dungl., 1893a, 440 (s. bronchialis).—Linst., 1902a, 222 (=H. lymphatica, not *F. inermis*).—Stiles, 1907b, 37, 41.—Ward, 1903, 212 (so. l.).
- hominis* [Author?], 1889 (for *sanguinis hominis*).—Stiles, 1907b, 44.
- hominis bronchialis* Rud., 1819a, 7, 215-216 (*Hamularia lymphatica* renamed) (in *Homo*).—A., D., & E., 1901b (so. lymphatica).—R. Bl., 1890a, 15 (so. l.).—Braun, 1903a, 276 (so. equina); 1908a, 309.—Cast. & Chalm., 1910a, (hominis bronchiolis), 424.—Chiaje, 1825a, 3; 1833, 2-3.—Crep., 1846b, 160, 161, 174.—Dav., 1877a, 20.—Dies., 1851a, 279 (in H.).—Duj., 1845a, 45-46.—Güenth., 1858, 197, 198.—Kûech., 1855a, 296, 464, pl. 8 fig. 2.—Mol., 1858c, 418 (in H.).—Nordm., 1840a, 665 (so. Ham. subcompressa).—Rail, 1893a, 530 (so. l.).—Sieb., 1850, 665.—Stiles, 1907b, 37 (see *hominis*), 41 (see l.).—Stoss., 1897b, (10) 22 (so. l.).—Wagner, 1883, 127.—Ward, 1895a, 330 (see l.) (in H.); 1903, 212 (so. l.).—Weinl., 1859, 284.
- hominis bronchiolis* Cast. & Chalm., 1910a, 1186 (for h. bronchialis).
- hominis oris* Leidy, 1850f, 117-118 (in H.; Phila. Acad., U. S. A.); 1856b, 55; 1904a, 40, 101 (possibly so. medinensis).—Anders., 1903a, 1258.—Anderson, 1903, 1258.—A., D., & E., 1901b, 14.—Ben., 1878a, 278.—R. Bl., 1890a, 13-14 (not medinensis); 1895, 785.—Braun, 1883a, 182; 1895b, 227; 1903a, 275; 1906a, 365; 1908a, 309; 1915a, 324.—Brumpt, 1910a, 463; 1913a, 525.—Cast. & Chalm., 1910a, 407, 414, 427; 1913a, 524 (*sanguinis hominis oris*).—Cobbold, 1879b, 207.—Daniels, 1910a, 120; 1914a, 131.—Dungl., 1893a, 440.—Leuck., 1876a, 617.—Lewis, 1879c, 257.—Lintner, 1879a, 124 (?so. *Mermis acuminata*).—Moniez, 1896a, 359.—Nev.-Lem., 1902a, 95, 123; 1904a, 97, 127; 1906a, 311; 1908a, 498.—Packard, 1896a, 518.—Penel, 1905a, 8.—Sl. & Sw., 1912a, 364.—Stiles, 1907b, 49 (probably *Mermithidæ*); 1907e, 614, 623; 1914, MM, v. 2, 296.—Tyson, 1903a, 1198.—Verdun, 1907, 423.—Ward, 1895a, 330; 1903, 212; 1903, 704.
- hominis ovis* Daniels, 1914a, 273 (lapsus for *hominis oris*).
- hominis sanguinis* Ijima, 1889b, 350.—Shaw, 1901, 591.
- hominum*. (See *sanguinis hominum*.)
- horrida* Dies., 1851a, 278 (s. rheæ) (in *Rhea americana*; Brazil); 1857a, 19, pl. 3 figs. 1-5, pl. 4 figs. 1-25; 1861a, 709.—Berg, 1896 [1897a], 139-140 (in egg of *R. a.*).—Cobbold, 1866b, 8 (in *R. a.*); 1873r, 737; 1879b, 447; 1886, 175, 176.—Leidy, 1884a, 47; 1891a, 412 (in *R. a.*).—Linst., 1878a, 126; 1880a, 46; 1897c, 613-615, pl. 28 figs. 12-18; 1906, 7.—Mol., 1858c, 416.—Muell., 1904a, 120.—[Owen, 1839a, 141; 1843a, 74; 1885a, 109.]—Schneid., 1866a, 84, 89, 90, 256, pl. 5 fig. 17.—Stiles & Hass., 1894e, 347 (in *R. a.*).—Stoss., 1897b, 48-49 (36-37) (in *R. a.*).—Wolffh., 1900, 10, 11.
- hominis sanguinis nocturna* (Mans., 1891) Daniels, 1904, v. 3 (1), 16 (for *hominis s. n.*)
- hyalina* Linst., 1890d, 182, fig. 9 (in *Sorex vulg.*; by Linst., lng.).—Seur., 1916, 355.—Stoss., 1897b, 20 (8) (in *S. v.*; Gøett.).
- hylotropis-bajuli* Dies., 1851a, 93 (to Gord.) (in *Hylotropes bajulus*; Austria).—[Sieb., 1843a, 81.]

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- hystrix-prehensilis* M. C. V. in Mol., 1858c, 382 (so. diacantha) (in *Hystrix* (Cercolabes) *prehensilis*; Villa Maria).
- hystrix* Mol., 1858c, 408 (s. attenuata strigis-flammæ) (in *Strix flammea*; *Ypanema*).—Dies., 1861a, 703.—Rail. & Henry, 1916, BSPE, 368 (in S. f.; Brazil).—Stoss., 1897b, 69 (57) (in S. f.; B.).
- icteri-pyrrhopteri* (*abdominalis*) Mol., 1858c, 423 (s. oriolii) (in *Icterus pyrrhopterus*; Brazil).—Stoss., 1897, 69 (57) (in I. p.; B.).
- iminitis* Fayrer, 1879b, 222 (misprint for immitis).—Stiles, 1907b, 46.
- iminitis* Weidman, 1912, 39 (misprint for immitis).
- immitis* Leidy, 1904a, 157 (misprint for immitis).—Stiles, 1907b, 46.
- immitis* Leidy, 1856b, 55 (canis cordis renamed) (in heart of *Canis* fam.; [U. S. A.]); 1880b, 10–12 (in C. f.); 1904a, 101–102, 157.
- (BELGIUM) Ben., 1878a, 279.
- (BRAZIL) Lavault, 1896a, 162–163.—Magal., 1877a, 539; 1892h, 511–514, figs. 1–4; 1893a, 43.—Silva Araujo, 1878f, 295–312, pls. 1–2; 1878g; 1878i, 319–327, 363–369.
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- (DENMARK) Hansen, 1909, MfD, v. 21 (6), 129–142.
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- (HUNGARY) Hut. & Mar., 1905a, 734, 866, 870, 898; 1906a, 942, 1047; 1913a, 929; 1913b, 1059.
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(GR. BRIT.) A., D., & E., 1901b, 73.—Dutton, 1901b, 409 (*Anopheles maculipennis*).—Mans., 1903e, 564.—Sambon, 1902a, 422–426, 453; 1902b, 313; 1905c, 39–40.

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imperatoris d'Herelle & Seidelin, 1909, CrSB, v. 67, 409–410, 3 figs. (a microfilaria, in blood of *Boa imperatoris*; Yucatan).—Seidelin, 1911, v. 5, 371–384, pls. 1–2 (in reptiles).

incoluta Muell., 1897a, 6 (misprint for *involuta*).

incrassata Mol., 1858c, 389 (s. *bradypyi-tridactyli*, *viverae*) (in *Bradypus tridactylus*, *Nasua narica*; Rio negro, Brazil).—Dies., 1861a, 700.—Stoss., 1897b, 70 (58) (in B. t., N. socialis; B.).

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- insignis* Leidy, 1858a, 112 (in *Procyon lotor*; by Wyman, lng.); 1904a, 114.—Cobbold, 1879b, 298.—Dies., 1861a, 711-712 (in P. l.).—Stoss., 1897b, 70 (58) (in P. l.).
- insignis* Schneid., 1866a, 83, 91-92, 213, fig. (in *Picus*; Brazil).—Stoss., 1897b, 43 (31) (so. *brasiliانا*).
- intercostalis* Mol., 1858c, 418 (s. *simiæ*) (in *Cebus* (*Callitrix*) *sciurus*; Brazil).—Stoss., 1897b, 70 (58) (in *Chrysothrix sciurea*; B.).
- involuta* Linst., 1879b, 315, 323-324 (a Disph.) (in *Strix flammea*; Coll. Hering, see Hering, 1872, 129-156).—Müell., 1897a, 6 (s. *laticeps*) (also *incóluta*, misprint) (in *Aegiolus otus*; lng.).—Seur., 1916, CrSB, 1126 (so. *Acuaria laticeps*).—Stiles, 1892n, 523 (in S. f.).—Stoss., 1891, 84 (to Disph.).
- irritans* (Rivolta, 1884) Rail., 1885a, 384; 1893a, 508 (in *Equus cab.*).—A., D., & E., 1901b, 18.—Craig, 1915, 508.—Drouin, 1902a, 654-660; 1903a, 176-177; 1903c, 31-32 (in E. c.); 1903d, 72, 73.—Fayet & Moreau, 1908, v. 85, 462-463; 1908, v. 6, 692-693; 1908, v. 65, 10-11; 1908, v. 33, 773; 1909, (1), Feb., 50-51; 1909, v. 13, 83-84; 1909, v. 4, 96-97; 1909, v. 20, 880.—Fiebiger, 1912a, 233.—Gedölst, 1911a, 106 (in donkey, horse).—Ilugui, 1908, 137.—Hut. & Mar., 1906a, 941; 1910b, 1045; 1913b, 502, 1057-1058.—Jacoulet, 1908, BScMv, v. 85, 350-351.—Lingard, 1905d, 40.—Mazzanti, 1900b, 626.—Monbet, 1913, v. 22, 534-537 (treatment).—Nev.-Lem., 1912a, 797.—Pader, 1901a, 23-25.—Place, 1915, 123.—Rail. & Henry, 1915, 695, 696.—Roger, 1908, 137.—Salle, 1868a, 68-73.—Sl. & Sw., 1912a, 393, 404.—Stiles, 1907b, 37.—Stoss., 1897b, 16 (4) (in E. c., E. *asinus*).—Theobald, 1900, 63.—Tóth, 1910, v. 33 (39), 461-462 (treatment); 1912, BtW, v. 28 (6), Feb. 8, 103.—Van Saceghem, 1915, BSpE, v. 8 (6), 362-363 (Zambi).—Vauil., 1901, 122.—Waldow, 1909, v. 35, 678 (treatment).—Ward, 1895a, 339 (in E. c.).
- jacchi-chrysoptigi* (*hepatica*) Mol., 1858c, 419 (s. *simiæ*) (in *Jacchus* (*Hapale*) *chrysoptigus*; Ypanema).
- jubæ* Seur., 1916 (1917), CrSB, 1131-1133 (11-13), fig. 1 (s. *Spiropt. bufonis* Stoss., 1900) (in *Zamenis hippocrepis*, *Trogonophis wiegmanni*; Algeria).
- juncea* Rail. in Nev.-Lem., 1908a, 485 (demarquay Mans., 1897, not Zune, 1892, renamed) (in *Homo*; Antilles).—Braun, 1915a, 320.—Brumpt, 1910a, 460; 1913a, 516.—Cast. & Chalm., 1913a, 529.—Gedölst, 1911a, 106 (in man).—Guiart, 1910a, 468.—Leiper, 1913, 270.—Neum. & Mayer, 1914a, 397.—Nev.-Lem., 1908a, 485.—Seur., 1916, 346 (in H.; St. Lucia).—Sl. & Sw., 1912a, 360-61, 403, 404 (s. *demarquay Mans.*).—Stiles, 1914, MM, v. 2, 306, 315.
- kennardii* Daniels, 1902, v. 53, 338-339 (in *Crotophaga api*; Brit. Guiana).
- kilimacæ* Graff, 1907, 118 (for *kilimarae*).
- kilimarae* Kolb, 1898a, 28-33 (in *Homo*, and free living; Kilimara, Monisu, Brit. E. Africa); 1898b, 633, 634; 1898c, 300.—Braun, 1903a, 277-278; 1906a, 309; 1908a, 307; 1915a, 322.—Brumpt, 1910a, 463.—Cast. & Chalm., 1910a, 407; 1913a, 523.—F., S., & T., 1916a, 407.—Gedölst, 1911a, 107 (in negro).—Looss, 1905c, 180.—Nev.-Lem., 1908a, 498.—Penel, 1905a, 8.—Sl. & Sw., 1912a, 364.—Stiles, 1907b, 47 (in H.; A.). 1907c, 614, 623; 1914, MM, v. 2, 306, 315.—Ward, 1903, 704; 1916, 609.
- kilincei* d'Herelle & Seidelin, 1909, CrSB, v. 67 (29), 409-411 (a microfilaria, in blood of *Leptophis mexicanus*; Yucatan).
- kuelzii* Rodenwaldt, 1910, AST, v. 14, 529-535, figs. 1-6 (in *Cephalobus maxwelli*, and *Meerkatze*; Njong).—Braun, 1915a, 307.
- külzi* Braun, 1915a, 321 (for *kuelzii*).
- [*labiale* Perronc., 1882a, 312, Italian, see *labialis*.]
- labialis* Pane, (1864a), 32-34 (in *Homo*; Nap.; Italy) [nv.].—Addario, 1885, 143.—Anders, 1903a, 1258.—A., D., & E., 1901b, 14.—Assenova, 1899, 50, 52-53, 102, 120.—Ben., 1878a, 278.—R. Bl., 1890a, 14-15, fig. 391; 1895, 785.—Bonis, 1882a, 123.—Braun, 1883a, 182; 1895b, 227; 1903a, 275-276; 1906a, 305; 1908a, 309; 1915a, 324.—Brumpt, 1910a, 463; 1913a, 525.—Cast. & Chalm., 1910a, 408, 421, 448.—Cobbold, 1879b, 207.—Daniels, 1910a, 120.—Dav., 1877a, cvii.—Dungl., 1893a, 440.—Gedölst, 1911a, 106 (in man).—Iluber, 1896a, 501.—Ijima, 1889b, 345.—Küech. & Züern, 1881a, 430.—Leuck., 1876a, 61-618, fig. 307.—Moniez, 1896a, 359-360.—Mosler & Peiper, 1894a, 218-219.—Nev.-Lem., 1902a, 95, 123; 1904a, 97, 127; 1906a, 311; 1908a, 498.—Packard, 1896a, 518.—Par., 1894a, 239.—Penel, 1905a, 8.—Perronc., 1882a

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312. —Pierantoni, 1908, v. 2 (25), 5 pp., pl. 13 figs, 1-8. —Rail., 1893, 530. —Sl. & Sw., 1912a, 363. —Stiles, 1907b, 47 (in H.: Nap.); 1907e, 614, 623; 1914, MM, v. 2, 306, 314. —Stoss., 1897b, 31 (19). —Tecce, 1908a, 933-934 (in H.; N.). —Tyson, 1903a, 1197. —Vauill., 1901, 124. —Verdun, 1907, 423. —Vogt, 1878, 11, 13. —Ward, 1895a, 331; 1903, 212; 1903, 704; 1916, 690. —Wood & Fitz, 1897, 342.

labiata Crep., 1825a, 1-4 (in *Ciconia nigra*: by Barkow; 1846b, 155, 157, 159, 160, 161, 162, 164, 173, 175. —Ben., 1858a, 1861a, 337; 1868a, 296. —E. Bl., 1849a, 157. —Cond.-Franc., 1895a, 93-108, 248-262, pl. 1 figs, 1-12; 1895, Dec., 633. —Dies., 1851a, 276. —Duj., 1845a, 57-58. —Gieb., 1857a, 268. —Leidy, 1884a, 48. —Leuck., 1879a, 14; 1886d, 11. —Linst., 1902d, 31. —Looss, 1892a, 14. —Mol., 1858c, 414-415 (in C. n.; Paris). —Mûth., 1898b, 51. —Nathusius, 1837a, in 52-65, 55, 66-68. —Par., 1894a, 243. —Schneid., 1866a, 84, 89-90, 255, 256. —Schwartz, 1864a, 398-399 (in C. n.). —Shipley, 1896, 163. —Stiles, 1907a, 37 (? type of *Dicheilonema*). —Stoss., 1890, 56; 1897b, 41 (29) (s. *ardæ-nigræ*, *ciconiæ*) (in C. n., C. alba). —Also reported for *Strix brachyotus*.

labiato-papillosa Aless. (1838), 1.¹ or Perronc., 1882a, 326-328, figs. 133-135 (in *Bos taurus*). —A. D. & E., 1901b, 15 (s. *cervina*, *terebra*). —R. Bl., 1899e, 528 (in *Bos taurus*). —Boynton & Wharton, 1916, 352-353. —de Does, 1907, 276-279, 1 pl. (in Rund; Java). —[Desviat, 1912, v. 17 (11), 174-177 (in mule)]. —Fantin, 1903, v. 26 (49), 294 (in cattle; 1904, 114; 1904, v. 43 (1), 3; 1904, v. 81 (1), 51-52 (in B. t.); 1904, v. 28 (1), 55. —Fiebiger, 1912a, 231. —Galli-Val, 1901c, 359 (in B. t.). —Johnst. & Cleland, 1911, v. 44, 180. —Linst., 1903t, 353 (*habiato-p.*); 1907, 266, 267, figs. 5-6. —Mans., 1907, 684. —Marotel, 1906b, 165. —Mesnil, 1913, 187 (in *Stomoxys calcitrans*, *bœuf*). —Meuleman, 1908, v. 43, 151. —Mordw., 1908, v. 13 (1-2), 193, 194. —Neum. & Mayer, 1914a, 408. —Nev.-Lem., 1912a, 801. —Noè, 1903a, 387-393 (in *Stomoxys*; 1903b, 928-929; 1904c, 133-134; 1904d, 650-651; 1904e, 221. —Par., 1894a, 241. —Penel, 1905a. —Rail., 1888, 98 (in *chevreuil*; France); 1893a, 526. —Sl. & Sw., 1912a, 393. —Smith, A. J., 1908, 269 (in B. t., *Bison americanus*). —Stoss., 1897b, 41-42 (29-30) (s. *cervi*, *cervina*, *terebra*) (in *Cervus elaphus*, *C. columbianus*, *C. virginianus*, *C. capreolus*, *C. rufus*, *C. nambi*, *C. simplicicornis*, B. t.). —Vauill., 1901, 123, 129. —Ward, 1895a, 334 (in B. t.). —Wolfh., 1911, 50. —Yakimoff, etc., 1917, BSPE, v. 10, 104-105.

[*labiato-papillare* Perronc., 1882a, 326, see *labiato-papillosa*.]

labio-papillosa Stiles, 1892f, 143 (lapsus for *labiato-papillosa*). —Hut. & Mar., 1906a, 491; 1910b, 609; 1913a, 611. —Smith, 1910, v. 18 (3), Nov., 417-422, pl. 15 figs, 1-4.

labiotruncata Mol., 1858c, 412 (s. *tinami*) (in *Tinamus adspersus*, *T. strigulosus*, *T. variegatus*; Brazil, M. C. V.), 427 (sub *tinami-variegati* (*palpebralis*)) (in T. v. t.). —Rans., 1904, 38. —Stoss., 1897b, 70-71 (58-59) (in T. a., T. s., T. v.).

labialis Tecce, 1908a, 933 (for *labialis* Pane, 1864).

lacetæ M. C. V. in Mol., 1858c, 385 (so. *multipapilla*) (in *Hypsilophus tuberculatus*, Cuyaba; *Thorictis dracaena*, Matogrosso), 430 (so. *podinemæ-scriptæ*) (in *Podinema scripta*; Matogrosso).

lacetæ Dies., 1851a, 115. —R. Bl., 1887e, 167 (relation to *Trichina spiralis*) (in *Lacerta agilis*). —Seur., 1916, 352, 356.

lacetarum Cobbold, 1861e, 124 (in *Calotes versicolor*; Ing.).

lachrymalis ² for *lacrymalis* Gurlt. —A. D. & E., 1901b, 19 (s. *bovis*, *palpebrarum*). —Cary, 1893, 50-51 (in eye of domestic animals). —Cobbold, 1873c, 111 (in horse). —Marchi (1860a), (in cattle). —Perdan, (1880a) (cause of conjunctivitis in a cow). —Stiles & Hass., 1894e, 346 (in *Bos taurus*; India). —Verrill, 1870c (d), 177, 178 (66, 67) (in cattle, horse). —Ward, 1895a, 334 (in B. t.), 339 (in E. c.).

[*lacrimale* Perronc., 1882a, 328 (see *lacrymalis* Gurlt).]

lacrimalis Dubini, 1850b, 577 (for *lacrymalis* Dubini (in *Homo*)). —Dungl., 1893a (1900a), 440 (s. *conjunctivæ*). —? Erc. & Bassi, 1861, 145-151 (in *Homo*). —Stiles, 1907b, 42 (so. *loa*).

¹ This specific name is attributed by authors to Aless., 1838, *Nuovi annali delle Sc. nat.*, but we do not find it here.

² A very confused species. See following entries.

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- lacrimalis* Moroni, 1864a, 193–211 (for *lacrymalis* Gurlt).—Deupser, 1894a, 18 (in E. c.).—Erc., 1859a, 251, 291, 552, fig. 54 (in cattle, horses); ? 1861, 145.—Leuck., 1876a, 621 (in horse, cattle).—Neum. & Mayer, 1914a, 408 (in cattle).—[? Pauli, 1868a, 23.].—Sl. & Sw., 1912a, 395.
- lacrymalis* Dubini, 1850b, 4 Mar., 576; 20 Apr., 21–22 (in Homo: refers to Mongin, 1770, 338, at Maribarou, isle St. Dominique, and Bajon, 1777 & 1778, at Cayenne & French Guiana); 1850a, 89.—Cobbold, 1864, b 388 (so. *Dracunculus loa*).—Dies., 1861a, 697 (so. *D. oculi*=*loa*).
- lacrymalis* Duj., 1845a, 46 (in Homo) [does not give reference].—Stiles., 1907b, 42 (so. *loa*).
- lacrymalis* Gurlt, 1831a, 347–348, pl. 5 figs. 1–6 (s. *Thelazia rhodii*) (in cattle, horses; by Gurlt); 1835a, 28–31 (in *Equus cab.*, by Busch in Trier).—Addario, 1885, A.O., 145 (in horse, cattle).—Bail., 1866b, 38, 39–40 (s. *palpebrarum*).—Ben., 1878a, 279 (in horse, cattle).—Bonis, 1882a, 122.—Cobbold, 1879b, 206 (cf. *lenticis*), 349 (in cattle), 384 (in horse).—Crep., 1846b, 155, 157, 159, 160, 161, 162, 165, 172.—Dav., 1877a, cix, 841.—Dies., 1851a, 265 (s. *Thelazia rhodesii*) (in *Bos taurus*, *Equus cab.*); 1861a, 701 (s. *bovis*).—[? Erc. & Bassi, 1861, 145.].—Fiebiger, 1912a, 231, fig. 152 (in cattle).—Gerber, 1840, 211, pl. 7 figs. 235–236.—Gescheidt, 1833a, 444 (in cattle, horses).—Küech., 1855a, 322 (in horse, cattle).—Linst., 1903t, 353.—Mol., 1858c, 372–373 (in B. t., E. c.).—Moroni, 1864a 193–211; 1864b, 335; 1865a, 27–29.—Neum. & Mayer, 1914a, 408 (in cattle).—Nev.-Lem., 1912a, 809 (of Bail., 1866, & pars of Rail, 1895, so. *Thelazia rhodesii*), 810 (of Gurlt, 1831 pars. so. *Th. alfortensis*), 811 (of Gurlt, 1831, to *Thelazia*).—Par., 1894a, 241 (in B. t., *Mustela foina*).—Pauli, 1868a, 23 (*lacrimalis*).—Perdan, (1880a), (11) (in B. t.).—Perronc., 1882a, 328. [? Pv, 1909, 207–208.].—Rail., 1893a, 527–528 (s. *bovis*, *palpebrarum*, *Thelazia rhodesii*) (in B. t.).—Rayer, 1843d, 148 (in bœuf, âne, mule).—RT, 1861, v. 2, 334, 335 (in cattle).—Schneid., 1866a, 108.—Sieb., 1839b, 158.—Sl. & Sw., 1912a, 404 (in cattle; Europe).—Stoss., 1897b, 21–22 (9–10) (in B. t., E. c.).—Vachetta, 1907a, 227 (in horse).—Vaull., 1901a, 129.—Züern, 1882a, 248 (in horse).
- lacustris* Duj., 1845a, 68–69, pl. 3, fig. F (under leaves of *Nymphaea*; Rennes).—Aëmuss, 1865, 52 (so. *Mermis albicans*).—Corti, 1902a, 111 (so. *M. aquatilis*), 112 (a *Paramermis*).—Daday, 1913, 215, 242, 245, 255 (so. *Limnomermis aquatilis*).—Schneid., 1866a, 176, 306.—Sieb., 1853c, 204 (so. *M. a.*).
- lævis* Crep., 1847a, 289 (in *Tarsius spectrum*; teste Burm., 1846).—Cobbold, 1879b, 292.—Dies., 1851a, 265–266; 1861a, 701.—Fourm., 1883a, 297, 298 (under skin of T. s.).—Mol., 1858, 389–390 (in T. s.).—Stoss., 1897, 71 (59) (in T. s.).
- lakrymalis* Schneidem., 1896a, 308 (for *lacrymalis* Gurlt, of horses and cattle).
- lanii* M. C. V. in Mol., 1858c, 373 (so. *dipetala*) (in *Platyrrhynchus pitangua*; Cuyaba).
- lao* Vaull., 1901, 128 (for *loa*).—Stiles, 1907a, 42.
- lari* Rud., 1819a, 10, 218 (in *Larus minutus*; Mus. Wien).—Dies., 1851a, 283.—Duj., 1845a, 58.—Linst., 1909a, 74 (in L. m.).—Mol., 1858c, 429.—Stoss., 1897b, 71 (59) (in L. m.; Wien).
- larvarum* Zed., 1803a, 40 (in insects; quotes Schrank, Gœze, etc.).—Bosc, 1802a, 50.—Rud., 1809a, 79 (so. *erucarum*).
- laticaudata* (Rud., 1819) Schneid., 1866a, 80, 82, 103, pl. 5 fig. 12 (in *Otis tetrax*; by Brems.).—Shipley, 1896, 125.
- laticeps* (Rud., 1819) Schneid., 1866a, 93–94, pl. 6 fig. 3 (in *Falco lagopus*).—Hass., 1896a, 5 (to Disph.).—Lepri, 1878a, 59 (to D.).—Rail., 1893, 543 (to D.).—Stiles, 1891g, 164; 1892n, 523.—Stoss, 1891, 90 (to D.); 1898, 94 (to D.).—Also reported for *Aegolius brachyotus*.
- leiperi* Rail., 1916, BSPE., 138, 139, 140 (*bufonis* Leiper, 1909, not M. C. V., 1858 renamed) (in *Bufo regularis*; Nasser, Sudan).
- lenticolis* Guyon, 1864a, 743 (s. *lenticis*, *oculi humani*).
- lenticis* Dies., 1851a, 265 (in Homo; Berl.) (for *F. oculi humani*); 1861a, 702.—Addario, 1885, 141, 142.—Aitken, 1866, 805, 880; 1872, 146, 175 (so. *oculi*).—Anders, 1903a, 1258.—A., D., & E., 1901b, 12.—Ben., 1878a, 277–278.—BkW, 1876, v. 1, 8.—R. Bl., 1890a, 4 (so. o. h.); 1895, 783–785.—Bonis, 1876, 129; 1882a, 112, 114.—Braun, 1883a, 182; 1895b, 226; 1903a, 273, 275 (possibly=conjunctivæ); 1906a, 304; 1908a, 309, 310; 1915a, 323, 325.—

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Brumpt, 1910a, 463; 1913a, 525.—Cast. & Chalm., 1910a, 426.—Chiralt, 1880a, 5 (as var. of oculi) (in Homo); 1882a, 476.—Cobbold, 1864b, 332–333 (s. o. h., oculi) (in H.); 1866, 6; 1879b, 206; 1883w, 513.—Dav., 1877a, cvi–cvii, 821.—Dungl., 1893a, 440, 821; 1900a, 440 (in H.), 821 (oculi or lentis).—Gerv. & Ben., 1859b, 144.—Ijima, 1889b, 347.—Kūech., 1855a, 322–324.—Kūech. & Züern., 1881a, 429.—Kuhnt, 1888a, 541.—Leuck., 1876a, 622–628, fig. 309.—Magal., 1888a, 5.—Mol., 1858c, 390.—Mosler & Peiper, 1894a, 218.—Nev.-Lem., 1904a, 97, 127; 1906a, 311; 1908a, 497.—Nordm., 1842, v. 2, lx.—Polonio, 1860b, 22 (of “Rud.” in *Equus mulus*).—Packard, 1896a, 518.—Penel, 1905a, 8 (so. o. h.), 72.—Quadri, 1858, 153.—Rail., 1893a, 529 (possibly inermis).—Silva Amado, 1873, 151.—Sl. & Sw., 1912a, 363.—Stiles, 1907b, 48 (so. Agamofil. oculi); 1914, MM, v. 2, 306, 314.—Stoss., 1897b, 23 (11) (in H.; Berl.).—Supino, 1900a, 91 (so. inermis).—Swart, 1862, 56.—Tecce, 1908a, 933.—Verdun, 1907, 417.—Verrill, 1870, 171.—Vogt, 1878, 11, 13.—Wagner, 1883, 127.—Ward, 1895a, 331; 1903, 212; 1903, 704, 707; 1916, 689.—Wood & Fitz, 1897, 342.

Iconis Gmel., 1790a, 3040 (in lion; Redi, 1684a, 14, pl. 9 fig. 2; Müell., 1787, 64).—Bosc, 1802a, v. 2, 48; 1830a, 59.—Dies., 1851a, 280.—Mol., 1858c, 421 (in *Felis leo*).—Rud., 1809a, 68–69; 1819a, 7.—Stiles, 1907a, 31.—Stoss., 1897b, 71 (59) (in F. l.).

lepidopterorum Gmel., 1790a, 3041 (in larva of Lepidoptera; Gœze, 1782a, 127).—Duj., 1845a, 67.—Nordm., 1840a, 669 (so. *acuminata*).—Rud., 1809a, 66 (so. a.), 79 (so. *erucarum*).

lepidopterum Bennet & Olivier, 1826a, 25 (for *lepidopterorum*) (s. *uncinata*).

lepitemuris Fourm., 1883a, 297–298 (in abd. cav. of *Lepilemur mustelinus*; Madagascar).—Linst., 1889a, 13 (in L. m.).

leporis Gmel., 1790a, 3040 (in *Leporum coxæ tela cellulosa*; Pall., 83).—Bosc, 1802a, v. 2, 49.—Dies., 1851a, 280.—Duj., 1845a, 48.—Hall, 1907, 180, 187 (in *Lepus timidus*; S. Russia).—Mol., 1858c, 421 (so. *leporis subcutanea*).—Rud., 1809a, 69–70; 1814, 113; 1819a, 8 (so. *lep. sub.*).—Stiles, 1907b, 31.—Stoss., 1897b, 72 (60) (in L. t.).

leporis pulmonalis (Frœl., 1802a) Rud., 1819a, 8, 216–217.—Crep., 1846b, 174.—Dies., 1851a, 315 (renamed *Str. commutatus*).—Leuck., 1863a, 50; 1886d, 47.—Reported for *Lepus timidus*.

leporis subcutanea Rud., 1819a, 8 (in *Lepus timidus*; quotes Pall.).—Dies., 1851a, 280.—Duj., 1845a, 48.—Mol., 1858c, 421 (in L. t.).

leptocephala (Rud., 1819) Schneid., 1866a, 81, 100, 204, 233, 238, pl. 5 figs. 6, 7 (in *Bradypus* sp.; Brazil).—Stoss., 1897b, 94 (82) (to *Spiropt.*) (in *Bradypus didactylus*, B. *tridactylus*; Brazil).

leptoptera (Rud., 1819) Schneid., 1866a, 80, 81, 97, 234, 345, pl. 5 fig. 8 (in Falco).—Clerc, 1903, 245, 256.—Cobbold, 1879b, 447.—Kowal., 1896d, 256 (6) (in *Buteo vulg.*; Dublany); 1904, 25 (10) (in *Hypotriorchis subbuteo*; Dublany).—Lepri, 1898a, 53, 54, 64–66.—Linst., 1877a, 10, pl. 1 fig. 16; 1879b, 325, pl. 5 fig. 9; 1901e, 273.—Stoss., 1897b, 52 (40) (in *Accipiter nisus*, *Astur palumbarius*, *Buteo vulg.*, *Circus cineraceus*, C. *cyaneus*, C. *rufus*, *Emberiza pecoris*, *Falco albicollis*, F. *aurantius*, F. *lanarius*, F. *magnirostris*, F. *subbuteo*, F. *tinnunculus*, F. *tridentatus*, F. *unicinctus*, F. *xanthothorax*, *Harpagus bidentatus*, *Herpetotheres cachinans*, *Milvus regalis*, M. *ater*, 140, 141, 143 (128, 129, 131); 1899, 3.—Wolffh., 1900, 10, 12, 13.—Also reported for *Astur nisus*.

libellula Selys-Longchamp, in Sieb., 1850k, 335 (in *Libellula flaveola*).—Dies., 1851a, 98 (so. Gord. lib.—*flaveolæ*) (in abdom. L. f.).

lienalis Stiles, 1892i, 348 (in *Bos taurus*; U. S. A.).—Rail. & Henry, 1910, 251 (in *bœuf*; U. S. A.).—Sweet, 1915, 18.—Ward, 1895a, 334 (so. *Spiropt. reticulata*) (in B. t.), 339 (in *Equus cab.*).

linstori Hall, 1916a, 180, 183, 184–185 (*sciuri* Linst., not Mol. renamed) (in *Sciurus caniceps*; Siam).

liparidis-chrysorrhœa Dies., 1851a, 108 (so. *Mermis nigrescens*) (in *Liparis chrysorrhœa*; Europe).—[Plieninger, 1837, 525.]—[Sieb., 1842e, 157; 1848, 298.]

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liparidis-disparis Dies., 1851a, 103 (to Gord.) (in *Liparis dispar*; Germany).—[Leuck., 1827a, 11 (in *Phalena dispar*).]—[Nordm., 1832a, 26 (in P. d.).—[Sieb., 1842e, 157.]

liparidis-monachæ Dies., 1851a, 103 (to Gord.).

liparidis-salicis Dies., 1851a, 103 (to Gord.) (quotes Sieb., 1842e, 157) (in *Liparis salices*; by Roesel).

loa (Cobbold, 1864) Aitken, 1866, 881 (in *Homo*) (so. oculi); 1872, 176.

(AFRICA) Cammermeyer, 1912, 86 (Bas Congo).—Waldow, 1909a, 182-184; 1909d, 2235 (treatment).

(BELGIUM) Ben., 1878a, 276-277 (possibly so. *dracunculus*).—Gedwëlst, 1911a, 105 to (*Loa*) (in *Homo*).

(BRAZIL) Silva Amado, 1873, 151.—Magal., 1888a, 5.

(BRIT. GUIANA) Daniels, 1903, 121; 1910a, 71, 167; 1914a, 111, 112, 113, 114, 115.—Daniels & Stanton, 1907a, 122, 123, 129.

(DEUTSCHLAND) Braun, 1883a, 182; 1895b, 226; 1903a, 269, 271-273. figs. 204-205 (s. oculi. subconjunctivalis); 1906a, 293, 300-302. figs. 199-200; 1908a, 300; 1915a, 315. figs. 278-282.—Deupser, 1894a, 32.—Folger, 1908, 108 (eosinophilia).—Fülleborn, 1908, 668; 1913, 306-310. figs. 30-34, pl. 1 figs. 1-10, pl. 2 figs. 3-4, pl. 3 fig. 3, pl. 4 figs. 1-2, 4-6, 10, 13.—Hempelm., 1912a, 108.—Hirschberg, 1895d, 956-958. figs. 1-4 (in eye; French Congo); 1895f, 755.—Kleine, 1915, ZIII, v. 80 (3), 345-349; 1915, BkW, v. 52 (48), 1239 (*lea*) (Uebertragung durch Chrysops).—Koch, 1910, v. 14 (1), 95-96, 99.—Küech. & Züern, 1881a, 428.—Küelz, 1908, v. 42, 500 (Kamerun swellings); 1908, v. 45, 1543; 1908, v. 12, 437-439; 1908, v. 13, 329-330.—Kuhnt, 1888a, 541.—Leuck., 1876a, 619-622; 1879a, 179; 1886d, 140.—Linst., 1900c, 83.—Ludwig, 1896a, 50-62.—Ludwig & Sæmisch, 1895a, 726-740, pl. 38; 1896a, 424-425.—Mosler & Peiper, 1894a, 218.—Neum. & Mayer, 1914a, 70, 391.—Pick, 1905b, 1172.—Plehn, 1914, 301.—Pollack, 1906a, 1475; 1906b, 1322.—Rodenwaldt, 1910, AST, v. 14 (4), 129-130; 1910, CfB, v. 47 (25), 784; 1910, DmW, v. 36 (10), 479.—Schneidm., 1896, 308.—Seifert, 1908a, 550 (im Auge).—Vogt, 1878, 11.—Wasielewski, 1908, 12; 1913a, 242, 331.

(EGYPT) Looss, 1904b, 549-574, pl. 19 figs. 1-7 (in H.; Russian from Africa; Bonn, Opobo, S. Nigeria, W. Africa); 1905c, 157, 167, 177, 178; 1905p, 633-634; 1914, 470, 472.

(FRANCE) Assénova, 1899, 50, 53, 98-99, 100, 115.—[Bennet & Olivier, 1826a, 25.]—Billet, 1906, CrSB, v. 60 (24), 1151-1153.—R. Bl., 1886g, 591-593, 611-612; 1890a, 10-12; 1895, 777-778 (s. *sanguinis hominis major*, s. h. *diurna diurna*); 1900f, 289; 1905, 537, 538-539.—Blatin & Joyeux, 1908, 30, 31, fig. 2.—Brumpt, 1903, 370, 371; 1904, CrSB, v. 56, 630-632; 1904, BIP, v. 2 (11), 473; 1904, JMVZ, v. 55, 354; 1910a, 449; 1913a, 511.—Brunetière, 1913, Ann. Ocul., v. 150, 100-107; 1913, GhSmB, v. 34 (30), 351-354; 1914, TDB, v. 3 (2), 98-99.—Comandon, 1917, CrSB, 316.—Dav., 1877a, cvii.—Griart, 1910a, 451, 467, 469, 590.—[Guyon, 1838a, 755-756; 1839a, 256; 1839c, 455; 1841a, 30 (in a negress; Martinique); 1841b, 106].—[Guyot in Awachart, 1805, 230 (*Loa* is common name employed by natives).]—Jeanselme & Rist, 1909, 629.—Laveran, 1910, BSPe, v. 3 (4), 208-209; 1916, BSPe, v. 9 (7), 436-438; 1916, Pm, v. 24 (55), 441.—Livon & Penaud, 1906, v. 61, 510-512 (eosinophilia); 1907, v. 5, 83; 1907, v. 2, 244-245.—Moniez, 1896a, 344, 351-354.—Morlot & Zuber, 1914, CrSB, v. 77, 475-476 (*neosalvarsan*).—Nattan-Larrier, 1907, v. 7 (22), 306; 1907, RHMt, v. 4 (3), 129-142; 1911, BSPe, v. 4, 710-720, pls. 1-2 (eosinophilia).—Nattan-Larrier & Parvu, 1909, v. 2, 635-649, pls. 1-3; 1910, BIP, v. 8 (14), 635-636.—Nev.-Lem., 1902a, 95, 122, 123; 1904a, 97, 126, 127; 1906a, 299, 300, 301, 302, 307, 309. figs. A-E; 1908a, 481.—Penel, 1905a, 3, 10, 67-74, 81-84 (relation to *diurna*). 111, 127-140, 141, 146, 148, figs. 16-19.—Petit, 1911, Pm, v. 19 (38), 396; 1911, Ann. Ocul., v. 145, 331-340, figs. 1-2.—Rail., 1893a, 529.—Reynaud, 1905b, 339-341.—Rohmer, 1909, RME, v. 41 (16), 527; 1909, Pm, v. 17 (83), 735.—Seur., 1916, 346 (in *Chrysops centurionis*; Congo); 1917, CrSB, 357.—Sorel, 1911, v. 4 (4), 205-206 (eosinophilia).—Vaull., 1901, 128.—Verdun, 1907, 409-412, fig. 149.—Verdun & Bruyant, 1912, BSPe, v. 5, 506-508.—Wuertz, 1904c, 18-21, figs. 1-4.—Wuertz & Clerc, 1904, v. 55, 1704 (eosinophilia); 1905, AMeAp, v. 17, 260-266.—Wuertz & Nattan-Larrier, 1907a, 558-564; 1907b, 70-71; 1908a, 519.

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- (GR. BRIT.) A., D., & E., 1901b, 43, 46, 50 (in *Homo*; Opobo; S. Nigeria).—BMJ, 1901, 98 (Nigeria).—Burrows, 1910, JTMH, v. 13 (4), 49–50.—Cast. & Chalm., 1910a, 203, 420–421, 448.—Cobbold, 1879b, 205–206.—Fenton, 1903, BMJ, 1265.—Harrison, 1904, SCMR, 46.—Huffman, 1911, P, v. 4 (1), 75–82, pl. 4 figs. 1–5.—JTD, 1903, v. 6, 160 (Opobo, S. Nigeria).—Kerr, 1904a, 195–196 (in H.) (diurna, Calabar swellings); 1904, v. 2, 613–614; 1905a, 181; 1905b, 474.—King, 1914, TDB, 333. (in *Chrysops dimidiata*, C. silacea).—Leiper, 1911, v. 14 (7), 110–111; 1913, BMJ, v. 1, 39.—Lewis, 1879c, 257.—Mans., 1891g, 204; 1892b, 89 (diurna is young form); 1895a, 157–162; 1901c, 556 (W. coast Africa); 1903e, 597, 598, 626–629, figs. 94–95; 1907, 596, 677–687, fig. 112–116.—Ozzard, 1903a, 139 (see Thomps. 1903, 160).—(Argyll-) Robertson, 1897, MR, v. 52 (3), 104.—Roth, 1896a, 764–765; 1896b, 790–791.—Shipley, 1896, 149.—Shipley & Fearnside, 1906, 18 (s. *Microfil. diurna*).
- (ITALY) Addario, 1885, 141, 146.—Grassi, 1887g, 623.—Sons., 1896, 324.
- (JAPAN) Iijima, 1889b, 347.
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- (MISCELLANEOUS) Pinto da Rocha, 1914, Med. Contemporanea, v. 32 (48), 379–380; 1915, TDB, v. 6 (6), 308.
- locustæ* Rud., 1809a, 77–78 (s. *gryllæ*) (in *Locusta viridissima*, L. *verrucivora*; by Frisch, Roesel; 1819a, 11–12.—Duf., 1828d, 223 (so. ? *tricuspidata*); 1829, 156 (in L. v. L. v.).—Duj., 1845a, 65.—Hope, 1840a, lxxxv.—Sieb., 1839, 169; 1850, 663.
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- loncheri* M. C. V. in Mol., 1858c. 382 (so. *diacantha*) (in *Loncheres rufa*; Mato-grosso).—Hall, 1916a, 184 (so. d.).
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- lophotis* M. C. V. in Mol., 1858c. 401 (so. *sphærophora*) (in *Muscicapa lophotes*; Brazil).
- lou* Zool. Rec., 1878 (for 1876), v. 13, 17 (misprint for loa).—Stiles, 1907b, 42.
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- marquayi* Graff, 1907, 116 (for *demarquayi*).
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(U. S. A.) Abbott, 1899, 226, 228.—Agnew, 1881, 598; 1883, 479, 480, 481.—Bennett, 1898a, 216.—Craig, 1915, 508.—Delafield & Prudden, 1896, 140.—Dungl., 1893a, 440, 463, 821, 1151; 1900a, 463, 821.—Durkee, 1856a, 278.—Lee, 1840a, 282.—Leidy, 1880c, 131; 1894a, 140; 1904a, 158.—Med. News, 1898, v. 73, 120-121.—Phila. M. J., 1898, July 16, 96.—Pratt, 1916a, 220.—Severance, 1860a, 165-166 (in H.; N. Y., in Morocco six years ago).—Stiles, 1907b, 37, 39, 40, 49.—Stitt, 1914a, 264, 265, 266, 278; 1916a, 315.—Tyson, 1903a, 1196.—Walker, 1857a, 462-464.—Ward, 1895a, 331 (in Homo), 334 (in *B. taurus*), 339, (in *Equus cab.*), 343 (in *Canis fam.*); 1903, 704; 1903l, 210-211, figs. 3542-3543 (Africa, Arabia, Asia, Brazil, Hindustan, India, Persia, Turkestan).

(MISCELLANEOUS) Carter, 1862, 217.—Da Costa, 1884, 936.—Fanth., Steph. & Th., 1916a, 386-390.—Goodhue, 1906, 1584.—MacCallum & MacCallum, 1916, ZJ, 159.—McConnell, 1914, v. 17, 337-340.—Martin, 1854, 9.—Roger, 1901a, 95.—Swart, 1862, 38, 54-56.—Westwood, 1851, 644.—Wood & Fitz, 1897, 340-341.

medinensis Rosa, 1794a, 2 (in *Mustela foina*) [nv.].—Dies., 1851a, 272 (so. quadrispina).—Hall, 1916a, 180 (so. martis).—Mol., 1858a, 164-167 (so. perforans); 1858c, 387 (so. p.).—Stiles, 1907b, 33 (in M. f.).

medinentis Dewitz, 1892b, 146 (for *medinensis*).

megacanthus Leidy, 1887b (1904a), 20-21 (193-194) fig. 1 (in *Asio accipitrinus*, *Strix brachyotus* Penn.) (also *Buteo borealis* in Army Med. Mus.).—Rail. & Henry, 1916, BSPE, 368 (in A. a.; U. S. A.).—Stiles & Hass., 1894e, 347 (in A. a.).

magalhaes Daniels, 1898a, 1012; 1903, 121 (for *magalhãesi*, in Homo; Brazil).—Stiles, 1907b, 45.

magalhães Mans., 1901c, 562 (for *magalhãesi*).—Stiles, 1907b, 45.

magalhaesi Mans., 1897d, 1837 (for *magalhãesi*).

megalochila Dies., 1851a, 278-279 (sub *Tricheilostomi*) (s. *colubri-austriaci*) (in *Zacholus austriacus*; M. C. V.).—Mol., 1858c, 417.—Stiles, 1907b, 37.—Stoss., 1897b, 72 (60) (in *Coronella austriaca*).

megastoma (Rud., 1819) Schneid., 1866a, 81, 82, 99, 204, 234, pl. 5 fig. 5 (in *Equus cab.*).—Cobbold, 1877b, 3; 1879b, 70.—Meyer, 1896b, 68.—Nev.-Lem., 1912a, 818.—Perronc., 1882a, 329.—Rail., 1893a, 533 (to *Spiropt.*).—Schneidem., 1896, 308.—Tomiolo, 1906a, (5-7) (pathol.).—Ward, 1895a, 339 (to *Spiropt.*) (in E. c.).—Züern, 1882, 246.

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- meropsis* M. C. V. in Rud., 1819a, 9 (in *Merops apiaster*; C. E. V.).—Dies., 1851a, 281 (in M. a.).—Duj., 1845a, 55.—Mol., 1858c, 426 (in M. a.).—Stoss., 1897b, 72–73 (in M. a.).
- mesnili* Noc, 1908, June 13, 382 (in Gecko; Indo-China).
- microstoma* Schneid., 1866a, 80, 84, 98, fig. 1, 235, pl. 5 fig. 3 (in *Equus cab.*; Berl.).—Cobbold, 1877b, 3; 1879b, 70, 381.—Linst., 1883a, 286, pl. 7 fig. 17; 1886c, 11, fig. 17.—Looss, 1901a, 121.—Par., 1894a, 242.—Meyer, 1896b, 68.—Nev.-Lem., 1912a, 819.—Perronc., 1882a, 328.—Par., 1894a, 242.—Rail., 1893a, 535 (to Spiropt.).—Schneidem., 1896, 308.—Stoss., 1897b, 99 (to S.).—Verrill, 1870, 178.—Ward, 1895a, 339 (in E. c.).—Züern, 1882, 245.
- milvi* Frøel., 1802a, 20–21, pl. 1 figs. 7–9 (in *Falco milvus*; Europe).—Rud., 1814a, 87.
- miseliæ-aprilinæ* Dies., 1851a, 105 (to Gord.) (quotes Sieb., 1848c, 299) (in *Miselia aprilina*; by Duponchel, 1841, xxi).
- mitchelli* Smith, 1910, UPMB, v. 23(9), 487–497, figs. 1–9 (in *Heloderma suspectum* from Arizona, adult in gastrohepatic region subperitoneum; larvæ in blood and in a tick); 1911, PPS, 3–4.
- mitis* Leuck., 1886d, 52 (for *immitis*).
- monoculi* Gmel., 1790a, 3041 (in *Monoculo apode*; Walch, 64).—Bosc, 1802a, 49.—Dies., 1851a, 86 (=Gord. *api-cancriformis*).—Duj., 1845a, 63.—Rud., 1809a, 79 (in M. apus; [Europe]); 1819a, 12 (in M. a.).—Sieb., 1842, 149.—Zed., 1803a, 39 (in M. a.).
- mononculorum* Oken, 1815a, 190 (in *Mononculus apus* to Gord. (Fil.)).
- monticelliana* Stoss., 1890g, 130–131 (2–3), pl. 5 fig. 15 (in *Pœcile palustris*, *Sylvia atricapilla*; Zagabria); 1897b, 26 (so. *tricuspsis*); 1898, 95.—Par., 1899b, 99.
- motacillæ* Rud., 1819a, 635–636 (in *Muscicapa*; Brazil).—Dies., 1851a, 268 (so. abbreviata).—Mol., 1858c, 397 (so. a.).—Rans., 1904, 32.—Stoss., 1897b, 57 (45) (so. a.).
- motacillarum* Rud., 1819a, 9 (in *Motacilla œnanthe*, M. *philomele*, M. *rubecula*; C. E. V.).—Dies., 1851a, 268 (pars so. abbreviata).—Mol., 1858c, 397 (pars so. ab.).—Rans., 1904, 31, 32.—Stoss., 1897b, 57 (45) (so. ab.).
- mucronata* Mol., 1858d, 155 (in *Boa constrictor*; Padua); 1861c, 318 (in B. c.; P.).—Stoss., 1897b, 73 (61) (in B. c.).
- mugilis* Dies., 1851a, 286 (in *Mugil capito*; Ireland; Bellingh., 1844, 475).—Mol., 1858c, 433 (in M. c.).—Stoss., 1897b, 73 (61) (in M. c.; I.).
- multicapilla* Mol., 1858c, 385–386 (s. *lacertæ*) (in *Hypsilophus tuberculatus*, *Thorictis dracæna*; M. C. V., Brazil).—A., D., & E., 1901b, 15 (so. hæmorrhagica).—Dies., 1861a, 700.—Stoss., 1897b, 73(61) (in *Iguana tuberculata*, T. d.; B.).
- multipapillosa* Condamine & Drouilly, 1878a, 1145–1150, pls. 1–2 figs. 1–7 (in *Equus cab.*; d'origine hongroise).—Addario, 1885, 145.—A., D., & E., 1901b, 15 (so. hæmorrhagica).—Baruchello, 1889a, 227.—Braun, 1903a, 276 (so. h.).—Frœhner, 1915a, 536.—Perronc., 1882a, 333.—Rail., 1893a, 505 (so. h.).—Ratz, 1898, 394.—Sl. & Sw., 1912a, 393.—Theobald, 1900, 64.—Ward, 1895a, 339 (in E. c.).
- murica* Babes, 1880a, 165 (to Spiropt.).
- muricola* (Linst., 1905) Hall, 1916a, 180, 187 (in *Epimys surifer*; Siam).
- muris* (Gmel., 1790) Stoss., 1897b, 52–53 (40–41) (in *Mus decumanus*, M. *musculus*; Europe).—Hall, 1916a, 204 (to *Protospirura*).—Kowal., 1902d, 30 (12) (s. *obtusa*).
- muris-scandentis* M. C. V. in Mol., 1858c, 411 (so. *bifida*).—Hall, 1916a, 221 (so. b.).
- muscæ* Carter, 1861b, 30–33, pl. 1A figs. 1–4 (in *Musca dom.*; Bombay); 1861a, lxii–lxvi.—Am. Nat., 1875, v. 9, 247 (in M. d.).—Descazeaux, 1915, 478.—Dies., 1861c, 270.—Leidy, 1874d, 139–140 (in house fly; India, U. S. A.) (to *Habronema*); 1904a, 133.—Leuck., 1867b, 61.—Place, 1915, 122.—Stiles, 1907a, 37 (type of H.).—Seur., 1916, 356.
- muscipæ* M. C. V. in Mol. 1858c, 374 (so. *serotina*) (in *Lichenops perspicillata*), 400 (so. *bifurca*) (in *Muscicapa*).
- muscipæ* Linst., 1878b, 234–235 (in *Muscicapa atricapilla*; lng.); 1882a, 1.—Stoss., 1891b(c) 94 (14) (to Disph.).

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- muscipapa-coronata* M. C. V. in Mol., 1858c, 434 (in *Muscipapa coronata*; Mato-grosso).
- musculi* Rud., 1819a, 8 (in *Mus musculus*; C. E. V.).—Dies., 1851a, 279 (in M. m.).—Duj., 1845a, 48.—Hall, 1916a, 191 (to *Gongylonema*); 1916b, 520.—Neum., 1894d, 472 (to G.).—Stoss., 1897b, 132 (120) (to G.).
- mustela-barbata* M. C. V. in Mol., 1858a, 168 (see *mustelæ-barbaræ*, so. perforans).—Hall, 1916a, 180 (so. martis).—Stiles, 1907b, 34.
- mustela-foina* Crep., 1846b, 160 (for *mustelæ-foinæ*) (quotes Aless.).
- mustelæ-barbara* M. C. V. in Mol., 1858c, 387 (so. perforans) (in *Gulo barbatus*; Brazil).—Hall, 1916a, 180 (so. martis).—Stiles, 1907b, 34 (so. p.).
- mustelæ-foinæ* Crep., 1846b, 161 (in *Mustela foina*) (quotes Aless.).—Hall, 1916a, 180 (so. martis).—Stiles, 1907b, 33.
- mustelæ-putorii* Crep., 1846b, 165.
- must.[elæ]-putorii pulmonalis* Crep., 1846b, 159.
- mustellarum* Rud., 1809a, 69 (s. martis) (in *Mustela foina*, M. martes, M. putorius; by Redi); 1810a, 379–380; 1819a, 7, 216.—Aless., 1837, 1–17, pl. 1; 1843, 530.—Ben., 1858a, 1861a, 267 (to *Filaroides*); 1878a, 278 (*mustellarum*).—Bosc, 1830a, 59 (so. martis).—Dies., 1851a, 272 (so. *quadrispina*); 1857a, 18 (13), 19.—Duj., 1845a, 47.—Fœrster, 1914, 3.—Hall, 1916a, 180 (so. martis).—Mol., 1858a, 166, 167 (so. perforans); 1858c, 387 (so. p.).—Stiles, 1907b, 33 (so. q., p.).—Walter, 1866, 74–75 (in M. p.).
- mustellarum pulmonalis* Rud., 1819a, 8, 216 (in *Mustela foina*, M. martes, M. putorius; [Europe]).—Crep., 1846b, 162, 174.—Dies., 1851a, 280 (in M. f., M. m., M. p.).—Mol., 1858a, 162; 1858c, 419.—Stiles, 1907b, 31 (type of *Filaroides*), 37.
- mustellarum subcutanea* Rud., 1819a, 7, 216 (s. *mustellarum*) (in *Mustela foina*, M. martes, M. putorius; C. E. V.; by Rosa, 1794, 2).—Aless., 1838, v. 1, 1–17, pl. 1 figs. 1–11 (in M. f.).—Hall, 1916a, 180 (so. martis).—Stiles, 1907b, 31 (so. martis), 33.—Stoss., 1897b, 33 (21) (so. *quadrispina*).
- mustellarum* Ben., 1878a, 278 (for *mustellarum*) (type of *Filaroides*).
- myothera* M. C. V. in Mol., 1858c, 425 (s. my.-ruficipitis) (in *Myothera ruficeps*; Brazil).
- myothera-campanisonæ* Mol., 1858c, 425 (s. turdi) (in *Myothera campanisona*; Ypanema), 444.—Linst., 1878a, 81.—Rans., 1904, 35, 38, 48.—Stoss., 1897b, 74 (62) (in *Formicivora campanisona*; Brazil), 144 (132).
- myothera-chrysopyga* Mol., 1858c, 425 (s. sylviae) (in *Myothera chrysopyga*; Ypanema), 444.—Linst., 1878a, 81.—Rans., 1904, 31, 37.—Stoss., 1897b, 74 (62) (in *Formicivora chrysopyga*; Brazil), 144 (132).
- myothera-regis (renalis)* Mol., 1858c, 424 (s. my.-regis) (in *Myothera (Turdus) rex*; Marabitanas, Coll. Brazil).—Linst., 1878a, 81.—Stoss., 1897b, 74 (62) (in *Formicivora rex*; Brazil).
- myothera-ruficipitis* Mol., 1858c, 424–425 (s. *myothera*) (in *Myothera ruficeps*; Marabitanas, Brazil).—Stoss., 1897b, 74 (62) (in *Formicivora ruficeps*; B.).
- myothera-scanthensis* M. C. V. in Mol., 1858c, 398 (so. obtusa) (M. C. V., Coll. Brazil).
- myrmecophagæ-jubata* M. C. V. in Mol., 1858c, 383 (so. equalis) (in *Myrmecophaga jubata*; Brazil).
- nasicola* Leuck., 1842a, 43 (see also *Spiropt. nasicola*) (in *Mustela foina*, M. putorius; by Leuck.).—Baird, 1853a, 5.—Fœrster, 1914, 1 (in M. p.).—Stoss., 1897b, 18 (6) (in M. f., M. p.).
- nasuta* (Rud., 1819; Schneid., 1866a, 94 (in *Fringilla dom.*; by Brems.)).—Anacker, 1887c, 513; 1893i, 345.—Fiebiger, 1912a, 242.—Hass., 1896a, 5 (to *Disph.*).—Hut. & Mar., 1906a, 208, 282; 1910b, 252, 480.—Land., 1882, 23.—Neum., 1892d, 374.—Nev.-Lem., 1912a, 828.—Rail., 1893a, 544 (to D.).—Schneidem., 1896, 308.—Stoss., 1891, 92 (to D.).
- neglecta* Dies., 1851a, 276 (s. *rana-esculentæ*, in *Pelophylax escul.*; M. C. V.); 1861a, 703.—Küech., 1855a, 272.—Mol., 1858c, 409 (in P. e.).—Rail., 1916, BSPe, 137, 139, 140 (s. r.-es.) (in *Rana temp.*, R. escul.).—Stoss., 1897b, 74 (in R. es.).
- niellyi* (R. Bl., 1885; Moniez, 1889c, 192; Nielly's case of 1882 in Homo).—Dolley, 1894a, 994 (to *Rhabditis*); 1901a, 994.—Stiles, 1907b, 51 (s. *Anguillula leptodera*?) (in H.; near Brest).

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- nimii* Stoss., 1891a, 217 (2), pl. 3 figs. 1-2 (in *Corvus cornix*; Veneti); 1893, 333; 1897b, 26 (so. *tricuspis*); 1898, 95.—Par., 1899b, 99.
- nitida* Leidy, 1856b, 56 (in *Rana pipiens*; Ing. [U. S. A.]); 1858a, 112 (s. *solitaria*).—Mol., 1858c, 378 (in *R. p.*; America).—Rail., 1916, BSPe, 137 (in; *R. p.*).—Stoss., 1897b, 75 (63) (in *R. p.*; America).
- nitidulans* Schneid., 1866a, Sl. 97-98 (in *Tapirus americanus*; Brazil), 233, pl. 5 figs. 10, 11.—Ciurea, 1912, v. 32, 285-294, pl. 1 figs. 1-2.—Seur., 1912, 176.—Stoss., 1897b, 105 (93) (so. *Spirorhynchus*).
- noctua-typica* Dies., 1851a, 104 (to Gord.) (quotes Sieb., 1842c, 158 (in *Noctua typica*; by Krösmann)).
- nocturna* Mans., 1891g, Aug. 26, 204 (larva in blood of Homo); 1892b, 85, 87, 88, 96; 1897d, 1837, 1838, fig. 1 (in H.; St. Kitts & Montserrat, Demerara, Guiana); 1899f, 644, 645; 1901c, 557-559; 1903e, 545, 546, 547-597, 599, 602, 603, 623, figs. 64a, 65-84; 1904, 17, 18, 128, 142, 312, 341, 342, 343, 545, 548, 555, 561, 564, 573, 633, figs. 64a, 72a; 1907, 595, 596.—Agramonte, 1902, v. 3, 153-154.—A., D., & E., 1901b, 43, 52-53, 55, 69, 72, 89-92; 1902, v. 5, 111-112.—A., K., & G., 1904, Dec. 1, 37.—Assénova, 1899, 52.—Bancroft, 1900a, 149; 1901b, 348.—R. Bl., 1895b, 145-159; 1895, 771 (so. *bancrofti*); 1899e, 513; 1900f, 280, 285, pl. 6; 1905, 526, 527, 541, 542, figs. 288, 289; 1906, 373.—Blatin & Joyeux, 1908, 31.—Braun, 1903a, 264; 1908a, 296; 1915a, 308.—Brit. M. J., 1901, Jan. 12, 98 (fed to *Anopheles claviger*; Nigerian).—Brumpt, 1903, 370; 1910a, 435; 1913a, 498.—Cast. & Chalm., 1910a, 408; 1913a, 523.—Catto, 1904, 663.—Cleland & Johnst., 1912, v. 2, 113 (so. b.).—Daniels, 1897, 70-71, 72; 1898a, 1011; 1898e, 878, 879, 880; 1901b, 409; 1901c, 193; 1903, 144.—Daniels & Stanton, 1907a, 121, 122, 123, 222, 247, 357, 358.—Fagge & Pye-Smith, 1902a, 472.—Firket, 1896a, 791.—Fülleborn, 1908, v. 41 (19-21), 12 (mosquitoes); 1908, 667, 668, 672; 1908, 665; 1912, v. 16 (4), 439-440.—Galvez, 1901, 342, 344, 345; 1902, 316, 317, 318; 1904, 196, 197 (St. Lucia).—Glatzel, 1906, v. 10, 284.—Goodhue, 1906, 1584.—Grassi & Noè, 1900b, 1306 (in *Culex ciliaris*, *C. pipiens*); 1900c, 652, 653, 657.—Green, 1902b, 130 (Calcutta).—Grindon, 1908, v. 51, 1643 (case).—Guiart, 1910a, 454.—Henry, 1896c, 96-109, pls. 3 figs. 1-6 (in *Homo*, chyluria); 1896d, 477-482, pl. 1 figs. 1-6 (U. S. A.); 1896e, 20; 1896f, 619-620; 1896g, 667; 1896i, 317-318.—Hodges, 1902b, 299.—Hudellet, 1914, 116, 117 (French W. Africa).—Kholodk., 1899a, 180.—Labadie-Lagrave & Deguy, 1899, 459.—Lebreto, 1904, 171-172; 1905l, May, 333.—Legrain, 1898a, v. 1, 151-152 (Algeria).—LeWald, 1901, 212.—Lingard, 1905, 9, 13, 16, 25.—Looss, 1905c, 155, 158, 167; 1911a, 245, 246; 1914, 457.—Low, 1901d, 283, 284; 1902, 2.—Martinez, 1914, v. 62 (21), May 23, 1622-1624 (Porto Rico).—Memmi (1903a), 447-450.—Moniez, 1896a, 338.—Nabias & Sabrazès, 1892d, 60.—Neum. & Mayer, 1914a, 68, 386.—Nev.-Lem., 1902a, 117; 1908a, 471.—Nicolas, 1910, v. 3 (10), Dec. 14, 737-738 (New Caledonia).—Ozzard, 1902g, 83, 84.—Penel, 1905a, 10, 11 (so. b.), 13, 38, 141, 146, 147.—Phalen & Nichols, 1908, v. 3, 305-310, pl. 1 (in *Philippines*).—Prout, 1902a, 880 (in H.; Freetown, Sherbro, Moyamba, Bandajuma, Sierra Leone, W. Africa).—Remlinger & Hodara-Bey, 1902, 219, 302, 577.—Roger, 1901a, 96.—Sambon, 1900, 219.—Shaw, 1901, 591, fig. 212.—Shipley & Fearnside, 1906, 17-18 (s. *Microfil.*).—Simon, 1907a, 191; 1911a, 130.—Sl. & Sw., 1912a, 348.—Sons, 1896, 294, 300, 322, 324, 325, 327, 328.—Stiles, 1907b, 44; 1907, 614, 615; 1914, MM, v. 2, 305, 307.—Strong, 1901, 28, 29.—Ward, 1903l, 212, 213, 216 (so. b.).—Warden, 1909a, 224-225; 1909b, 282.—Wasielewski, 1908, 13; 1913a, 327, 329.—Wellman, 1909, 40.—Wherry, 1905a, 5-15, chart 1, pls. 1-2 figs. 1-2, A-C.
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- 9 (in C.).—Mans., 1900e, 1110; 1901c, 557, 558, 559; 1903e, 549–550, 551, 552, 553, figs. 66, c–d, 67.—McDill, 1904b, 907 (chyluria).—PMJ, 1901, v. 7, 1177–1178 (in C. fatigans, C. teniatus).—Prout, 1901a, 210.—Wherry & McDill, 1905, v. 2, 412–420, pls. 13, 14 figs. 1–2, A–C; 1905, v. 5, 5–15, pls. 1–2; 1905, 778.
- nodispina* Mol., 1858c, 402 (s. attenuata, falconis, Ascarides, Lombrichi) (in Falco subbuteo; M. C. V.), 448.—Dies., 1861a, 703.—Rail. & Henry, 1916, BSPE, 1861a, 701.—Stiles, 1907b, 32 (cf. falc.).—Stoss., 1897b, 55 (43) (so. at.); 1898, 96.
- nodosa* Mol., 1858c, 380, pl. 1 fig. 3 (s. simiæ-leukeurin) (in Cebus personatus, Jacchus melanarus; M. C. V., Coll., Brazil, Matogrossa, Irisanga).—Dies., 1861a, 701.—Stoss., 1897b, 75 (63) (in Callithrix personata, Hapale melanura; Brazil).
- nodosa* Rud., of Linst., 1903u, 268 (for nodulosa) (in Lanius collurio at Marienburg, and in L. erythronotus in Turkestan).
- nodulosa* Rud., 1820a, 13 (s. collurionis subcutanea) (in Lanius collurio).—Crep., 1846b, 155, 160, 161, 162, 165, 172–173 (s. col. su., col. pulmonalis, cylindrica) (in L. c.); 1847a, 293.—Dies., 1851a, 274–275 (s. Linguatula bilinguis) (in L. c., L. minor, L. rufus); 1861a, 703, 710 (so. Monopetalonema obtusicaudatum).—Fedtsch., 1874a, 58, 61, 63.—Leidy, 1886e, 309 (in Collurio ludovicianus).—Linst., 1883a, 287; 1886c, 12.—Mol., 1858c, 393 (so. tridens), 409–410 (in L. c.; Berl.), 413 (so. obtuso-caudata).—Müch., 1898b, 51.—Müll., 1904a, 120.—Par., 1887b, 359–360 (87–88) (in L. a., L. c., L. m.); 1887c, 495 (in L. a.); 1889d, 762, fig. 5 (so. obtusocaudata); 1894a, 242.—Rans., 1904, 35, 37.—Schneid., 1866a, 91 (in L. c.).—Seur., 1915, 21–22, figs. 21–23 (in L. excubitor elegans, L. elegans; Biskra).—Stiles & Hass., 1894e, 347 (in C. ludovicianus).—Stoss., 1890, 56; 1892, 72; 1893, v. 14; 1896, 122, pl. 4 fig. 20; 1897b, 36–37 (24–25) (in C. l., L. a., L. c., L. m., L. r.), 144; 1898, 95.—Wasielewski, 1908, 13, figs. 1, 2.
- notodonta-camelinæ* Dies., 1851a, 102 (to Gord.) (quotes Sieb., 1843a, 83) (in Noto-donta camelina; by Rossi).
- notodonta-ziczac* Dies., 1851a, 102 (to Gord.) (quotes Sieb., 1842e, 157) (in Noto-donta ziczac; by Deg.).
- numidica* Seur., 1917, CrSB, 354–357, figs. 1–3 (in Lepus pallidior, L. kabylicus, Bou-Saâda, Bordj-Menaiel).
- nuptæ* Schrank, 1788a, 3 (in Raupe der Bachweideneule; Gœze, 1782a, 127, pl. 8 figs. 4–6).—Duj., 1845a, 66.—Rud., 1809a, 66 (so. acuminata).
- obtusa* Leidy, 1886e, 308–309 (s. obtusa of Leidy, 1885, 10); 1904a, 189 (in Junco hyemalis, Sturnella magna, Quiscalus purpureus; Penn., Fla.).—Linst., 1889a, 33 (in J. h.).—Stoss., 1897b, 75 (63) (in H. h., S. m.).
- obtunza* Leidy in Linst., 1889a, 33 (for obtusa) (in Alauda arvensis, Junco hyemalis).—Stiles & Hass., 1894e, 347 (in Junco hyemalis, Quiscalus purpureus) (for obtusa).
- obturans* Prenant, 1886a, 215–216, pl. 1 fig. 1 (in brochet; Nancy).—R. Bl., 1887c, 43–47; 1895b, 184; 1905, 538.—Federley, 1909, v. 35, 88–89.—Hofer, 1904a, 276 (in Esox lucius).—Linst., 1889a, 95 (in E. l.); 1907, 267 (in E. l.); 1909, 74, fig. 65 (in E. l.).—Stoss., 1897b, 38 (26) (in E. l.; N.).—Zsch. 1896, 818, 821.
- obtusa* Rud., 1802a, 3 (in Hirundo rustica; by Rud.). 1809a, 59 (in H. r.); 1819a, 4 (Greifsw.).—Baird, 1853a, 6.—Brems., 1811a, 20, 24.—Crep., 1846b, 159, 162, 172 (in H. r., H. riparia, H. urbana).—Dies., 1851a, 267; 1861a, 702.—Duj., 1845a, 53, pl. 3 fig. 1.—Fedtsch., 1874a, 61 (in H., Xenops; Europe, America).—Gurlt, 1845a, 262 (in H. r., H. u.).—Küch., 1855a, 322.—Leidy, 1885b, 9–10 (in Junco hyemalis, Sturnella magna; U. S. A.); 1891a, 412 (in Chelidon erythrogaster; Penn.); 1904a, 184–185, 233.—Linst., 1883a, 286; 1886c, 11; 1891e, 300; 1896a, 18 (in H. r.); 1899b, 26 (of Duj.).—Mol., 1858c, 397–398, 447 (s. myotheræ-scandentis, xenopsis) (in H. purpurea, H. rip., H. rust., H. u., H. versicolor, Myothera caudacuta, Xenops sp.; Europe, Brazil).—Müch., 1898b, 51 (in Cotyle rip.; Königsb.).—Olfers, 1816a, 55.—O'Zoux & Henry, 1909, 547.—Par., 1887c, 495; 1894a, 242 (in H. u.).—Stiles & Hass., 1894e, 347 (in Buteo borealis, Chelidon erythrogaster, Dendroica occidentalis).—Stoss., 1897b, 27–28 (15–16) (in body cavity of H. rust., H. rip., H. u., H. v., M. c., Progne purpurea; Wien, Greifsw., Rennes, Genoa, Turkestan, Brazil), 144, 146 (132–133).—Zed., 1803a, 36.—Also reported for Formicivora caudacuta.

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- obtusa* (Rud., 1819) Schneid., 1866a, 79, 80, 82, 83, 84, 93, 97 (in *Mus musculus*), 204, 216, 217, 234, 235, 253, pl. 5 fig. 4, pl. 22 fig. 11.—Hall, 1916, 704 (so. *Protophysura muris*).—Jägers., 1909 (25), 50.—Kowal., 1896d, 257 (7) (in *M. m.*; Dublany); 1902d, 30 (12) (so. *muris*).—Müeh., 1898b, 51.—Stiles & Hass., 1894e, 346 (in *M. decumanus*).—Stoss., 1897b, 52 (40) (so. *muris*) (in *M. d.*, *M. m.*).
- obtusa* Par., 1899a, 15 (cf. *ecaudata* Oerley); 1899b, 99.
- obtusicaudata* Rud., 1819a, 634 (in *Picus lineatus*; Brazil).—Crep., 1846b, 155, 160, 161, 172 (in *P. l.*; *B.*).—Dies., 1851a, 277 (in *P. aurulentus*, *P. flavescens*, *P. jumana*, *P. leucolæmus*, *P. lineatus*, *P. passerinus*, *P. rubricollis*, *P. robustus*); 1861a, 710 (to *Monopetalonema*).—Duj., 1845a, 55.—Gurlt, 1845a, 250.—Linst., 1878a, 74 (in *P. a.*), 75 (in *P. f.*); 1879b, 315, 327 (in *Lanius rufus*); 1883a, 284-285 (in *L. sp.*); [1886c, 10:] 1903u, 269.—Mol., 1858c, 413-414 (s. *collurionis* subcutanea, nodulosa, tetraonis) (in *Lanius minor*, *L. rufus*, *Perdix leucostrigata*, *Picus aur.*, *P. flav.*, *P. j.*, *P. leu.*, *P. lin.*, *P. pas.*, *P. rob.*, *P. rubr.*), 442, 443, 447.—Par., 1889c, 762, fig. 4.—Rans., 1904, 4, 35, 36, 47, 49.—Stoss., 1897b, 37 (25) (in *L. m.*, *L. r.*, *L. sp.*, *P. a.*, *P. f.*, *P. iumana*, *P. lin.*, *P. leu.*, *P. p.*, *P. rob.*, *P. rub.*, *Perdix leucostrigata*).
- obtusicaudata* n. sp. Schneid., 1866a, 101 (in *Falco subbuteo*; probably Berl.).—Stoss., 1897b, 34 (so. *schneideri*).
- obvelata* (Crep., 1825) Linst., 1877b, 174-175, pl. 12 figs. 4-6 (s. *Cosmoc. alatus*, *Histoc. spiralis*) (in *Totanus fuscus*).—Braun, 1891e, 112.—Müeh., 1898b, 51.—Par., 1887b, 360 (88) (in *Alca torda*, *Larus argentatus*, *L. argentatoides*, *L. canus*, *L. fuscus*, *L. maximus*, *L. marinus*, *L. medius*, *L. ridibundus*, *Mergus serrator*, *Sterna risoria*, *Totanus f.*, *T. hypoleucus*, *T. maculatus*); 1894a, 243.—Stoss., 1897b, 54 (42) (in *A. t.*, *L. arg.*, *L. argent.*, *L. c.*, *L. f.*, *L. max.*, *L. mar.*, *L. med.*, *L. r.*, *M. s.*, *S. r.*, *T. f.*, *T. h.*, *T. m.*, *Uria grylle*); 1898, 96.—Also reported for *Actitis hypoleucos*, *A. macularia*.
- ochmanni* Fülleborn, 1909, v. 25, 160 (in *Canis fam.*; Deutsch-Ost-Afrika); 1909, v. 11, 644.—R., H., & L., 1912, 395.
- ochracea* Linst., 1894b, 339-340, pl. 23 figs. 18-19 (in *Thymallus vulg.*; Ing.).—Hofer, 1904a, 230 (in *T. v.*, *Trutta fario*).—Stoss., 1897b, 50 (38) (in *T. v.*; Giett.).
- oculi* (in eye of *Homo*) [refers to loa in Africa] Gerv. & Ben., 1859b, 142-144 (quotes Guyon and mentions l.).—Addario, 1885, 142.—Aitken, 1866, 881 (s. *lachrymalis*) (Angola); 1874, 57.—Ben., 1878a, 277.—Bonis, 1882a, 112, 114.—Braun, 1903a, 271 (so. l.); 1908a, 300 (so. l.); 1915a, 315.—Brumpt, 1910a, 449; 1913a, 511.—Cobbold, 1864b, 388 (so. *Dracun. loa*); 1866a, 6; 1879b, 205 (in negroes of Angola Coast).—Dies., 1861a, 697 (to D.).—Guiart, 1910a, 451 (so. l.).—Guyon, [1843, 735]; 1864a, 743-748 (Africa).—Lacompte, 1894a, 375-386 (in Congolaise).—Leuck., 1867b, 150.—Moq.-Tand., 1860a, 337 (s. *lachrymalis* not of Gurlt) (s. l.).—Penel, 1905a, 67 (so. loa).—Neum. & Mayer, 1914a, 391 (so. *Loa loa*).—Sl. & Sw., 1912a, 353 (so. l.).—Stiles, 1907b, 37, 42 (so. l.); 1914, MM, v. 2, 312.—Ward, 1903, 211 (so. l.).
- oculi* Sieb., 1839, 158 (in *Homo*; based on Ammon, 1838, figs. 22-23) (cf. *oculi humani* and *lentis*).—Aitken, 1872, 146, 175-176 (quotes Nordm.).—Stiles, 1907b, 48 (to *Agamofil.*).
- oculi* in *Homo* (given as so. *lentis*): Chiralt, 1880a, 2-9, 1 fig. (gives 2 var., *F. lentis*, *F. vitrei*); 1882a, 473-480.—Cobbold, 1864b, 332 (so. *lentis*; quotes Owen and Moq.-Tand.).—Dungl., 1893a (1900a), 440 (so. *conjunctivæ*), 821 (s. *lentis*).—Owen, 1835l, 394 (cf. Cobbold, 1864b, 332) (in *Homo*).
- oculi* (miscellaneous): Armatage, 1895, 413.—Perronc., 1882a, 324-325 (Nap., by Quadri, see *oculi humani*).—Silva Amado, 1873a, 151 (in *Homo*) (s. *subconjunctivalis*).
- oculi* in the eye of the horse: Clarkson, 1845a, 73.—[Anderson, 1806, v. 2 (7), 306.]—Adams, 1887, v. 5 (20), 318, 319 (s. *papillosa*).—Appleton, 1899, v. 49, 95-97.—Carougeau, 1903, v. 26 (37), 226.—Cobbold, 1874t, 789 (Calcutta); 1879b, 383 (so. p.).—Clark, 1886.—Craig, 1915, 508 (treatment).—Francis, 1883a, 236-237; 1888a, 429.—[Grellier, 1844a, 18-19.]—Hart, 1874a, 669, 670; 1894a, 900-907.—Hodgson, [1854a, 71:] 1854b, 278-279.—Kemp, 1883a, 498-500.—Lawrence, 1904 (Bull. 4), 81-82.—Léger, 1907, v. 63, 499-500.—Marriott, 1890a, 89 (India).—Miles, 1864a, 218-219; 1865a, 66-67.—Mills, 1885a, 244-245; 1886a, 470-472.—Neum., 1897b, 75-84, figs. 1-4 (cf. *equina*);

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1897c, 481-482; 1897d, 457; 1897e, 138-140.—Owles, 1859a, 385.—Pazzotta, 1887a, 221-222.—[Perronc., 1882a, 332.]—Sermon, 1873a, 173-174 (Canada).—Smith, 1868a, 157-158; 1868b, 575; 1869a, 65.—Smith, A. J., 1908a, 269 (so. e.) (Iowa).—Townsend, 1907a, 88.—VJACP, 1884, v. 18, 146-147 (Ceylon; rev. of Forbes).—Ward, 1895a, 339 (cf. conjunctivæ).

oculi of Parrots of "C. W. W., 1891." AVR, 1891, v. 15, Aug., 290 (quotes VR).—Rans., 1904a, 20, 37, 47.

oculi in sheep: Haselbach, 1884a, 63.

oculi asini Cond.-Franc., 1892c, 173, 177-178 (in eye of *Equus asinus*; by Rivolta).—Stoss., 1897b, 22 (10) (so. lymphatica).—Supino, 1900a, 91 (so. inermis Grassi).

oculi canini Gescheidt, 1833a, [440-441], 445 (in eye of dog; by Gescheidt); 1833, v. 3, 37 (in *Canis fam. fricator*); 1834a, 55.—Cobbold, 1879b, 304.—Crep., 1846b, 160, 162, 163.—Dies., 1851a, 274 (so. trispinulosa).—Fiebiger, 1912a, 232.—Gedöelst, 1901, 106.—Mol., 1858c, 402 (so. t.) (in C. f. fri.).—Nev.-Lem., 1912a, 805.—Rail., 1893a, 531 (so. t.).—Rail. & Henry, 1913, 210.—Rayer, 1843d, 148, 149.—Stoss., 1897b, 84 (72) (in C. f.).—[Rossi, 1896, 557.]—Ward, 1895a, 343 (so. t.).

oculi equi Nitzsch of Nordm., 1832a, 12 (cf. papillosa) (in *Equus cab.*; Halle).

oculi hominis Vaull., 1901a, 129 (for *oculi humani*).—Stiles, 1907b, 48 (so. Agamofil. oculi).

oculi humani Nordm., 1832a, 7-8 (in Homo; by Gräfe [Berl.], Germany); 1833b, 268; 1843a, 67.—Aitken, 1866, 805 (so. lentis).—A., D., & E., 1901b, 12 (so. l.).—Barrett, 1896a, 291-292; 1897a, 255; 1897, 419.—R. Bl., 1890a, 4-10, fig. 388 (in H.; by von Gräfe); 1899e, 528.—Braun, 1895b, 226-227; 1903a, 273 (so. l.); 275; 1906a, 302-303; 1908a, 309, 310; 1915a, 325).—Brumpt, 1913a, 511.—Cast. & Chalm., 1910a, 420, 426, 448.—Cobbold, 1864b, 332 (so. l.); 1866, 6; 1883w, 513.—Crep., 1846b, 159, 162, 163, 174.—Daniels, 1910a, 119; 1914a, 131.—Dav., 1877a, 821.—Dies., 1851a, 265 (renamed lentis).—Duj., 1845a, 46.—Eiss, 1838a, 25-26.—F., S., & T., 1916a, 406.—Gescheidt, 1833a, 420, 445.—Güenth., 1858a, 198.—Guyon, 1864a, 743 (so. l.).—Küech., 1855a, 322.—Kuhnt, 1888a, 541-555.—Magal., 1888a, 5.—Moniez, 1896a, 358-359.—Nev.-Lem., 1902a, 123 (l.); 1908a, 497.—Penel, 1905a, 8, 72.—Quadri, 1858a, 153-155 (of Rud.), figs. 1-3 (in H.; Italy).—Rail., 1893a, 529 (so. lentis).—Rail. & Henry, 1913, 210.—Rayer, 1843d, 149.—Sl. & Sw., 1912a, 363.—Stiles, 1907a, 48 (so. Agamofil. oculi).—Tyson, 1903a, 1197 (vel lentis).—Wallenstedt, 1847, 8.—Ward, 1895, 331; 1903, 212 (so. l.); 1903, 707.—Weinl., 1859, 284.—Wilson, 1890a, 727-729; 1891a, 635 (in eye of Homo; from W. Africa) (says it is called the "Eye-worm" there; 2 in. long. [apparently=loa]).—Yarr, 1899, 176-179.

oculi ovis Fiebiger, 1912a, 232 (in Widders [= ram]).

oculi ranæ Nordm., 1833b, 268 (in eyes of reptiles).

oculis Chiralt, 1880a, 2-9, fig. 1 (for oculi); 1882a, 473-480 (2 vars., F. lentis, F. vitrei).—Stiles, 1907b, 48 (so. Agamofil. oculi).—Stiles & Hass., 1903a, 253.

adypoda-cærulescentis Dies., 1851a, 97 (to Gord.) [quotes Sieb., 1843a, 83, in *Oedipoda cærulescens*; by Heeger; and 1848c, 298, in O. C.; by Seiler].

asophanta Polonio, 1859a [nv.].—Par., 1894a, 243, 627 (in *Tropidonotus viperinus*; Padua).

okularia Lingard, 1906, v. 12 (36), 283-284 (for oculi) (in horse, cattle).

okularia Lingard, 1906, v. 12 (35), 275-276 (for okularia) (in horse, cattle; India).

okuli humani Schneidem., 1896a, 307 (for oculi humani).—Stiles, 1907b, 48.

opobensis A., D., & E., 1901b, 39, pl. 12 fig. 2 (in *Hyphantornis* sp., H. aurantus; Nigeria).—Linst., 1907, v. 44 (3), 267 [Microfil.] (in H.; Africa).

orioli M. C. V. in Mol., 1858c, 393 (so. tridens), 423 (so. cassici-atric (abdominalis)) (in *Cassicus ater*; Caicara) (so. pyrropteri (abdominalis)) (in *Icterus pyrropterus*; Porto do Rio Parana).

osleri Cobbold, 1879b, 304 (Str. canis bronchialis renamed) (in *Canis fam.*; Osler, 1877a, 387-397, figs. 1-2).—A., D., & E., 1901b, 19 (s. Str. bronchialis canis).—Fiebiger, 1912a, 235.—Gedöelst, 1911a, 106 (in dog).—Hut. & Mar., 1913b, 75.—Rail., 1889, 131 (so. Str. b. c.); 1893a, 530.—Sangree, 1898a, 314-315, fig. 1.—Sl. & Sw., 1912a, 397, 403.—Vaull., 1901, 126-127.—Ward, 1895a, 343 (in C. f.).

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- ostinops* Daniels, 1902, v. 53, 334-342, figs. 22-24 (in *Ostinops decumanus*; Brit. Guiana).
- otiorhynchi-ragusensis* Dies., 1851a, 93 (to Gord.) (quotes Sieb., 1843a, 81) (in *Otiorhynchus ragusensis*; by Heeger).
- ovale* Lee, 1840a, 283 (s. Gord. piscium) (in liver of carp) (cf. *ovata*).
- ovata* Zed., 1803a, 36-37 (s. *gobionis*) (in *Cyprinus gobio*).—Crep., 1846b, 162, 173 (in C.).—Duj., 1845a, 61-62.—Krøyer, 1846-53a, 349, 446, 510; 1852-53a, 1222, 1224, 1225 (in *Aspius rapax*, *Gobio fluviatilis*, *Leuciscus rutilus*, *Phoxinus phoxinus*).—Lam., 1816, 218.—Nordm., 1840a, 668 (s. *Asc.*, *gobionis*, Gord. piscium).—Olfers, 1816a, 55.—Rud., 1809a, 60 (in C. g.); 1819a, 5, 213.—Seur., 1916, 355, 356.—Srámek, 1901, 102 (to *Ichthyonema*).—Will.-Suhm, 1870, 26.—Also reported for *Cyprinus dobula*, C. *phoxinus*.
- ozouxi* Rail. & Henry, in O'Zoux & Henry, 1909, v. 2 (9), 544-547 (to *Diplo-triæna*) (in foudi; Noissi-Bé).—Henry & O'Zoux, 1909, v. 7 (24), Dec. 30, 1060; 1909, v. 2 (9), Nov. 10, 544-547 (found in bird named *Faudias mada-gascariensis*; of Madagascar).
- ozzardi* Mans., 1897d, 1837-1838, figs. 5, 6 (in *Homo*; Brit. Guiana); 1898a, 114; 1901c, 562; 1903e, 546, 599-602, fig. 64d; 1904, 546, 599; 1907, 595, 646, 647-648.—A., D., & E., 1901b, 43, 48-49.—R. Bl., 1900f, 289; 1905, 537 (so. *demarquayii*), 537 (var. *tronquée*) (so. *perstans*), 539 (so. p.).—Braun, 1903a, 270; 1906a, 293, 294, 297-298; 1908a, 303, 305; 1915a, 320.—Brumpt, 1910a, 457, 460; 1913a, 517.—Cast. & Chalm., 1910a, 414, 416; 1913a, 529-530, 533.—Daniels, 1898c, 1-5 (adult in H.; B. G.); 1898e, 879; 1899d, 1459; 1902b, 46; 1902, Dec. 1, 357, 358, 359, 2 figs.; 1903, 114, 120, 121; 1910a, 106-111; 1914a, 111, 115.—Daniels & Stanton, 1907a, 122, 123, 126, 127, 128, 132.—Fülleborn, 1913, 315.—Galgey, 1901, 342, 343, 345; 1902, 316, 317; 1904, 198 (Brit. Guiana).—Guiart, 1910a, 468.—Kennard, 1902d, 70.—Koch, 1910, v. 14, 100.—Leiper, 1913, 270, 272, fig. 9.—Linst., 1900c, 76, 83; 1907, 266.—Looss, 1905c, 170 (in H.; B. G.); 1914, 443.—Low, 1899, June 17, 1459, figs. 1-3, 1-9.—Neum. & Mayer, 1914a, 397.—Nev.-Lem., 1902a, 95, 120, 121; 1904a, 97, 122, 124, 125; 1906a, 302, fig. E, 303, 308, 309, figs. 7-8.—Ozzard, 1902g, 83, 84.—Penel, 1905a, 10, 85 (var. *tronquée*) (so. p.), 105-112, 140.—Prout, 1902a, 880.—Seur., 1916, 346 (in H.; B. G.).—Simon, 1907a, 191; 1911a, 130.—Sl. & Sw., 1912a, 361; 1912, 359.—Stiles, 1907b, 46 (in H.; B. G.), 46 (pars so. *demar-quayii*); 1907e, 614, 622; 1914, MM, v. 2, 305, 306, 313.—Stitt, 1910, 238; 1916, 319.—Thorpe, 1898, BMJ, v. 1, 53.—Verdun, 1907, 415.—Ward, 1903, 215, 216, 1903, 704.
- ozzardi truncata* Mans., 1907 [nv.].—Braun, 1908a, 303 (so. *perstans*); 1915a, 318.—Sl. & Sw., 1912a, 359.
- ozzardii* Daniels, 1902, Dec. 1, 358 (for *ozzardi*).—Stiles, 1907b, 46.
- papialis* Nev.-Lem., 1912a, 811 (for *palpebralis* Wilson, 1844) (so. *Thelazia lacrymalis* (Gurlt, 1831)).
- palpebralis* Wilson, 1844, (not Pace, 1866) [nv.].—A., D. & E., 1901b, 19.—Braun, 1908a, 303; 1915a, 323.—Fiebiger, 1912a, 232.—Par., 1894a, 429.—Place, 1915, VR, 123 (s. *lachrymalis*) (in horse).—Rail., 1893a, 528.—Sl. & Sw., 1912a, 395, 404.—Stoss., 1897b, 17 (5) (in *Equus cab.*).—Vaull., 1901, 129.—Ward, 1895a, 339 (in E. c.).
- palpebralis* Pace, 1866a, 152-154, pl. 12 (in *Homo*; Italy).—A., D. & E., 1901b, 12 (so. *inermis*).—R. Bl., 1890a, 2 (? so. i.).—Braun, 1903a, 275; 1906a, 304.—Cast. & Chalm., 1910a, 420.—Cond.-Franc., 1892e, 173.—Rail., 1893a, 528 (so. i.).—Par., 1894a, 538 (in H.).—Stiles, 1907b, 45 (in H.).—Supino, 1900a, 91 (so. i.).—Ward, 1903, 212 (so. *conjunctivæ*).
- palpebrarum* Bail., 1858e, 703-704 (syn. *bovis*) (under eyelid of *Bos taurus*); 1858, 386; 1866b, 39 (so. *lachrymalis*).—A., D. & E., 1901b, 19 (so. i.).—Bonis, 1876a, 30.—Nev.-Lem., 1912a, 809.—Rail., 1893a, 527.—Stoss., 1897b, 23 (11) (so. *lymphatica*).—Ward, 1895a, 334 (lach.) (in B. t.).
- palpebre* [(delle) Perronc., 1882a, 312].
- papillosa* Dies., 1851a, 102 (to Gord.) (quotes Sieb., 1842e, 156) (in *Papilio* sp.; Mus. Breslau).
- papillosa* Scherer, 1813a, 174-178 (in *Equus cab.*, eye) (for *papillosa*).
- papillicauda* McL., 1858c, 380 (s. *canis-brachyuris*) (in *Canis brachyuris*; Rio-Ara-guay).—Dies., 1861a, 701.—Linst., 1878a, 34 (in C. b.).—Polonio, 1860b, 22 (in *Canis* fam.).—Stoss., 1897b, 34 (22) (so. *immitis*).

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- 1838–40a, 168 (in *Sebastes norvegicus*); 1846–53a, 615 (in *Anguilla conger*).—Leuck., 1867b, 58, 98, 123, 151; 1868a, 387, 395, 417 (young of *Asc. spiculigera*); 1876a, 611, 615; 1879a, 200; 1886d, 157.—Meissner, 1863a, 55.—Olfers, 1816a, 31.—Olss., 1867a, 48.—Schneid., 1862a, 275–276 (s. S. h.); 1866, 219, 311.—Seur., 1916, 356.—Sieb., 1838, 308; 1839, 157; 1850, 675; 1854, 33.—Stiles, 1907a, 48 (pars so. S. h.).—Stiles & Hass., 1894e, 347 (in *Clupea* sp.).—Thoms., 1855, 185.—Wagener, 1857, 3–5.—Zsch., 1884, 68.—Also reported for *Cyprinus rutilus*, *Gadus molva*, *G. mustela*, *G. barbatus*, *G. callarias*, *G. brosmie*).
- pistillaris* Mol., 1858c, 381 (in *Sciurus igniventris*; Brazil).—Dies., 1861a, 701.—Hall, 1916a, 180, 183, 185 (in S. i.; B.).—Stoss., 1897b, 76 (64) (in S. i.; B.).
- platyptericis-falcula* Dies., 1851a, 105 (to Gord.) (quotes Sieb., 1842e, 158) (in *Platypterox falcula*; by Deg.).
- plicata* Rud., 1809a, 67 (*attenuata* Zed. renamed) (in *erucis*); 1819a, 7 (*erucis*, *Bombycis salicis*), 214–215.—Dies., 1851a, 103 (so. Gord. *liparidis-salicis*).—Duj., 1845a, 66.—Olfers, 1816a, 55.
- ploti* M. C. V. in Mol., 1858c, 391 (so. *helicina*) (in *Plotus anhinga*; Brazil).
- ploti-surinamensis* M. C. V. in Mol., 1858c, 428 (so. *podoæ* (*subcutanea*)) (in *Podoa surinamensis*; Matogrosso).
- plupalura* Leidy in Stiles & Hass., 1894e, 347 (in ? *Ceryle alcyon*; by Warren).
- podinemæ-scriptæ* Mol., 1858c, 430 (in *Podinema scripta*; Brazil).—Stoss., 1897b, 77 (65) (in P. s.; B.).
- podoæ* (*subcutanea*) Mol., 1858c, 428 (in *Podoa surinamensis*; Brazil).—Stoss., 1897b, 77 (65) (in P. s.; B.).
- pœcili-cuprei* Dies., 1851a, 90 (to Gord.).—[Sieb., 1842e, 161.]
- poeli* Vrijburg, 1897, v. 11 (1), 43 (dans l'aorte des buffles indiens (*Karbamoen*)) [n. v.].—Rail. & Henry, 1912, BSPE, 115–117 (s. *poelii*, *blini*, *hæmophila*) (type of *Elæophora*, *Onchocercinæ*) (in *Buffle*).
- poelii* Linst., 1906, v. 24 (1), 7, (for *poeli*); 1907, 266 (in *Bos bubalus*).
- poelsi* Hut. & Mar., 1905a, 860 (for *poeli*) (s. *blini* *Carougeau*, *Marotel*) (in *Büeffel*; *Sumatra*); 1913a, 1113.
- polichotoma* Scortegagna, 1848a, 247, 248, pl. 5 figs. 2–3 (in *Homo*; *Mus. Milan*).
- povelli* Penel, 1905a, 10 (for *powelli*).—Stiles, 1907b, 46.
- poweli* Brumpt, 1913a, 525 (for *powelli*).
- powelli* Penel, 1905a, 126, 141, 146, 147 (in *Homo*; *Bombay, India*; based on *Powell*, 1903b, 1145).—R. Bl., 1905, 538.—Braun, 1908a, 306; 1915a, 322.—Brumpt, 1910a, 463; 1913a, 525.—Cast. & Chalm., 1910a, 425, 448.—Guiart, 1910a, 454.—Koch, 1910, v. 14, 100.—Nev.-Lem., 1906a, 306; 1908a, 486.—Sl. & Sw., 1912a, 363.—Stiles, 1907b, 46 (in H.; *India*); 1914, MM, v. 2, 305, 315.—Stitt, 1910a, 238; 1916a, 319.—Verdun, 1907, 416.
- primana* Leidy, 1891a, 410 (in *Simia satyrus*; *Phila. Zool. Park*).
- pristonychi-terricola* Dies., 1851a, 89 (to Gord.) (in *Pristonychus terricola*; *Gr. Brit.*, *Germany*).—[Hope, 1840a, lxxxiv.]—[Sieb., 1842e, 161; 1843a, 81.]
- pseudophysalura* Stoss., 1902e, 12, pl. 5 fig. 29 (in *Buceros nasatus*; *Eritrea*).
- psittaci* M. C. V. in Mol., 1858c, 372 (so. *simplicissima*) (in *Psittacus makaonanna*; *Egenho do Cap Gama*).
- psittaci-menstrui* M. C. V. in Mol., 1858c, 377 (so. *hemicycla*) (in *Psittacus menstruus*; *Matogrosso*).
- pterostichi-madidi* Dies., 1851a, 90 (so. Gord. *feroniæ-madidæ*) (in *Feronia madida*; *Eng.*; quotes *Brightwell*, 1835, 396, 398 in *Molops madidus*).—[Sieb., 1843a, 81.]
- pterostichi-nigritæ* Dies., 1851a, 91 (so. Gord. *feroniæ-nigritæ*) (in *Feronia nigrita*; by Sieb., 1848c, 296).
- ptyelæ-spumariæ* Dies., 1851a, 100 (so. Gord. *aphrophoræ-spumariæ*) (in *Aphrophora* (*Ptyela*) *spumaria*; by *Roesel*; quotes *Sieb.*, 1842e, 155).
- puleis* Linst., 1894b, 340–341, pl. 23 figs. 20–21 (in *Gammarus pulex*; by *Linst.*).—*Seur.*, 1916, 356 (in *G. p.*).—Stoss., 1897b, 13 (1) (in *G. p.*; *Gœtt.*).
- pulmonalis* Frœl., 1802a, 18–20 (in *Lepus* sp., by *Frœl.*).—Hall, 1916a, 163 (to *Synthetocaulus*); 1916b, 519.—Rud., 1814a, 113.

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- pungens* Schneid., 1866a, 92-93 (in *Turdus cyaneus*; Argo), 110, pl. 6 fig. 2.—Fedtsch., 1874a, 61 (in T. c.; Africa).—Linst., 1891e, 300.—O'Zoux & Henry, 1909, 547.—Smith, 1908, 269 (in *Cyanocorax cyanopogon*, *Tondia madagascariensis*).—Stoss., 1897b, 27 (15) (in T. c.; Argo).
- pupillosa* Nordm., 1833b, 268 (for *papillosa*).
- quadridens* Mol., 1858c, 407-408 (s. *strigis*, *attenuata*) (in *Strix brachyotus*; M. C. V.; by Mehl.).—Dies., 1861a, 703.—Rail. & Henry, 1916, BSPE, 368 (s. at.) (in *Asio accipitrinus*).—Stoss., 1897b, 55 (43) (so. at.); 1898, 96.—Also reported for *Aegolius brachyotus*.
- quadrilabiata* Mol., 1858c, 417 (in *Tinamus rufescens* at Caiçara, T. *maculosus* in Brazil).—Stiles, 1907a, 10 (to *Tetracheilonema*); 1907b, 37.—Stoss., 1897b, 77 (65) (in T. r., T. m.; B.).
- quadriloba* (Rud., 1819) Schneid., 1866a, 93, pl. 6 fig. 7 (in *Picus viridis*).—Stoss., 1891, 87 (to *Disph.*).
- quadriscipina* Dies., 1851a, 271-272 (s. *martis*, *mustelarum*, ?*medinensis* Rosa) (in *Mustela foina*, M. *martes*, M. *putorius*; Europe).—Baldasseroni, 1909, v. 40, 171-174 (in M. f., *Ixodes ricinus*); 1910, 317.—Braun, 1915a, 308.—Fedtsch., 1874a, 54, 61-68, 1 fig., figs. 1-14 (in M. m., *Hystrix cristata*).—Hall, 1916a, 180, 181 (so. *martis*).—Leuck., 1876a, 675-676.—Mol., 1858a, 165, 166, 167, 168 (so. *perforans*); 1858c, 387 (so. p.).—Neum., 1899b, vii-viii.—Par., 1894a, 243; 1896k, (so. p.).—Porta, 1911, 376 (in M. m.).—Schneid., 1866a, 85-86, 250, pl. 5 fig. 9 (in H. c., M. m.).—Setti, 1897, 48-49 (in *Mellivora capensis*).—Stiles, 1907b, 31 (so. m.), 32, 33 (in H. c., M. f., M. m., M. p.).—Stoss., 1890, 11; 1890, v. 12, 56; 1893, v. 14, 85; 1893, 3 (in M. f.); 1896, v. 17, 122, pl. 3 fig. 17; 1897b, 32-33 (20-21) (in *Galictis barbara*, *Gulo barbatus*. H. c., M. f., M. m., M. p.), 77 (so. *veneta*); 1898, 95 (in M. f.) (s. p., m.); 1902, 11 (in *Mellivora capensis*, *Mustela f.*, M. m.).
- quadriscipina* Mol., 1858 (1859e), 301 (in *Ibis falcinellus*; Padua); 1861c, 318-320, pl. 14 figs. 9-12 (in I. f.; P.).—Dies., 1861c, 280.—Stoss., 1897b, 77 (65) (so. *veneta*).
- quadrituberculata* Leidy, 1856b, 56 (in *Anguilla vulg.*; by Schafhirt, Ing.); 1858a, 112; 1904a, 103, 113.—Hofer, 1904a, 230 (in A. v.).—Mol., 1858c, 410 (in A. v.; America).—Schulze, 1899a, 104 (in Aale).—Stoss., 1897b, 78 (66) (in A. v.; A.).
- quadriverrucosa* Mol., 1858c, 398-399 (s. *dendrocalaptis*) (in *Dendrocalaptus picus*, D. *rufirostris*, D. sp.; Brazil).—Dies., 1861a, 702.—Fedtsch., 1874a, 61 (in *Dendrocalaptus*; America).—O'Zoux & Henry, 1909, 547.—Rans., 1904a, 35.—Stoss., 1897b, 78 (66) (in D. p., D. r.; B.).
- quiscali* Linst., 1904n, 300 (in *Quiscalus versicolor*; Coll. Shipley).—Shipley, 1905, 252-253 (in Q. v.).
- radula* Schneid., 1866a, 80, 82, 98-99, 213, pl. 6 figs. 9a, b (in *Paradoxurus philippinensis*; Philippines).—Büetsch., 1874b, 259.—Stoss., 1897b, 48 (36) (in P. p.).—Also reported for *Herpestes griseus*.
- ranæ* M. C. V. in Mol., 1858c, 390 (so. *convoluta*) (in *Cystignathus gigas*, *Leptodactylus sibilatrix*; Ypanema), 431 (in *Hypsiboas faber*; Yp., Brazil).—Deupser, 1894a, 38 (refers to Vogt, 1842, 189).—Leuck., 1876a, 614 (author of sp. not given).—Rail., 1916, BSPE, 138 (in H. f.; B.).—Stoss., 1897b, 78 (66) (in H. f.; B.).
- ranæ-esculentæ* Mathis & Léger, 1911, 406, 437 (for *r.-esculentæ*, 1841) (in *Rana tigrina*; Tonkin) [a *microfilaria*].
- ranæ-esculentæ* Rud., 1819a, 10 (in *Rana escul.*; C. E. V.).—Dies., 1851a, 276 (so. *neglecta*).—Mol., 1858c, 409 (so. n.).—Stoss., 1897b, 74 (62) (so. n.).
- ranæ-esculentæ* Valentin, 1841c, 53 [nv.]; [1842, 342 (name not used)].—R. Bl., 1895b, 181 (rubella).—Dies., 1851a, 284 (*Pelophylax escul.*).—Mol., 1858c, 431 (in P. e.).—Also reported for *Rana escul.*
- ranæ-pipientis* Mol., 1858c, 378 (so. *nitida*).—[Leidy, 1852b, 242 (F. sp. in *Rana pipiens*), 1904a, 246.]
- raptatorum* Polonio, 1860b, 23 (cf. *Trichina microscopica*).
- recondita* Grassi in Grassi & Caland., 1889a, 5-7; 1890a, 18-26, figs. 1-16 (in *Canis* fam., *Pulex serraticeps*; by G. & C.) (s. *Hæmatozoon* Lewis); 1890b, 180-181.—A., D., & E., 1901b, 17.—Baldasseroni, 1909, 173 (in *Rhipicephalus sculus*).—R. Bl., 1895b, 140-144, 193-194.—Braun, 1895b, 225; 1903a, 264

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rubella Rud., 1819a, 5, 212-213 (in *Rana escul.*, R. temp.; Berl.).—R. Bl., 1895b, 181-184 (s. *ranae-esculentæ* 1841), 200; 1899e, 525; 1905a, 538 (in frog).—Cobbold, 1858b, 162 (in R. t.).—Crep., 1846b, 159, 166, 173, 175 (in R. e., R. t.).—Dies., 1851a, 269 (in *Pelophylax escul.*, R. t.).—Duj., 1845a, 59.—Hannover, 1861a, 3.—Küech., 1855a, 272.—Linst., 1907, 267 (in R. e., R. t.); 1909 (15), 74 (in R. e., R. t.).—Mol., 1858c, 372.—Nabias & Sabrazes, 1892h, 474.—Penel, 1905a, 73.—Porta, 1912, v. 39 (5-6), Feb. 27, 202-205 (evolution, in *Hæmopsis sanguisuga* (of Val.)).—Rail., 1916, BSPe, 138 (in R. e., R. t.).—Seur., 1916, Bs, 346 (in *Hæmopsis sanguisuga*).—Stiles & Hass., 1894e, 347 (in R. t.).—Stoss., 1897b, 78-79 (66-67) (in R. e., R. t.).

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212; 1888a, 136 (in C. f.).—Chauvrat, 1886a, 654.—Cobbold, 1875c, 217; 1875b, 115 (in pariah dogs); 1875d, 210.—Dav., 1877a, 953.—Deupser, 1894a, 36 (to Spiropt.).—Fayrer, 1879b, 221, 222.—Gues, 1879a, 172, 178.—Leuck., 1876a, 612, 613, 614, 630, 641, 708; 1879a, 61, 64, 102; 1886d, 47, 49, 76, 77.—Lewis, 1875e, 614; 1879c, 258.—Linst., 1883a, 284; 1886a, 10.—Mosler & Peiper, 1894a, 220.—Meyer, 1896b, 68.—Müeh., 1898b, 51.—Nev.-Lem., 1912a, 821.—Perronc., 1882a, 330.—Rail., 1893a, 536 (to Sp.).—Schneidem., 1896, 308.—Silva Araujo, 1878f, v. 3, 295–312, 2 pls.; 1878i, v. 29, 319, 363; 1879b, 213–214.—Stoss., 1897b, 92 (80) (to Sp.); 1898, 96.—Ward, 1895a, 343 (in C. f.).—Wilson-Barker, 1896, v. 69, 593–595.—Züern, 1882, 242, 244, 246.—Also reported for *Canis vulpes*.

sanguinolenta Brit. M. J., teste Cobbold, 1878c, 366 (in *Homo* [not dogs]).—Stiles, 1907b, 44.—See *bancrofti*.

sanguis hominis (Lancet, 1872) Gwynn, 1889a, 43–47 (for *sanguinis hominis*).—Stiles, 1907b, 44.

sanguinea Krøyer, 1846–53a, 320 (for *sanguinea*).

sarsinorum Meyer, 1896b, 62, 72–78, figs. 10–15, 20–22 (in intest. of *Stenops gracilis*; Ceylon).

saturniæ Dies., 1851a, 136 (to *Anguillula*) (quotes Dugès, 1826a, 226) (in larva of *Saturnia pyri*).

saturniæ-pyri Dies., 1851a, 102 (to Gord.) (quotes Sieb., 1843a, 83) (in *Saturnia pyri*; by Parreyss).

scalprum Linst., 1908, 26, pl. 4 figs. 12–13 (in *Raphicerus campestris*; Africa); [1907, v. 3 (3), 258, *nomen nudum*].

scapiceps Leidy, 1886e, 308, fig. 1 (in *Lepus sylvaticus*; [U. S. A.]); 1904a, 188.—Hall, 1916a, 180, 185–187, figs. 243–246 (in *L. campestris*, *Sylvilagus floridanus* alacer, S. f. *mallurus*; U. S. A.).—Stiles & Hass., 1894e, 346 (in L. c.).—Stoss., 1897b, 79 (67) (in L. s.; N. A.).

scarabæi Bosc, 1802a, 49 (in *scarabé des houses*).—Rud., 1809a, 76 (so. *coleopterorum*) (quotes Müell., 1787a, 65).

schutideri Stoss., 1897b, 34–35 (22–23) (s. *obtusocaudata*) (in *Falco subbuteo*; Berl.).—Rans., 1904a, 35.

sciuri M. C. V. in Mol., 1858c, 381 (so. *pistillaris*) (in *Sciurus igniventris*; Marabitanas).—Hall, 1916a, 183 (so. p.).

sciuri Linst., 1903k, 116 (in *Sciurus caniceps*; Aring, Kelantan, Siam).—Hall, 1916a, 184 (so. *linstowi*).—Shipley, 1903, 154.

scaprum Linst., 1907, v. 3 (3), 267 (in *Cervidæ*; Ing.) (misprint for *scalprum*).

scutata Leuck., 1873b, 556 (144) (in *Bos taurus*; Wien).—Neum., 1894d, 465 (3) (to *Gongylonema*).—Rans., 1911a, 100 (to G.).—Ward, 1895a, 334 (in *Bos taurus*), 339 (in *Equus cab.*).

scutata esophagea bovis Perronc., 1882a, 331 (see *scutata*).

scutata asophagæ bovis (Müell., 1869) Dolley, 1894a, 994 (so. *Myzomimus scutatus*).

seguini (Mathis & Léger, 1909) Nev.-Lem., 1912a, 808 (in poule; Tonkin).

semimembranosa Schneid., 1866a, 83.

sergenti Mathis & Léger, 1909, v. 67, July 17, 179–181 (in *Nycticebus tardigradus*; Hanoi); 1909, v. 7 (24), Dec. 30, 1059; 1911, 399–402, 431 (in N. t., ?*Macacus rhesus*; Tonkin).

serotina Mol., 1858c, 374 (in *Lichenops perspicillata*; Brazil).—Dies., 1861a, 701.—Stoss., 1897b, 79 (67) (in L. p.; B.).

serpentiniformis A., D., & E., 1901b, 39, pl. 12, 14 fig. 1, 2 (in *Cinnyris fuliginosa*; Nigeria).—Linst., 1907, 267 (in *Cinnyris*).

serpicula Mol., 1858c, 385 (s. *phyllostomatos*) (in *Phyllostoma brevicaudum*, P. *spiculatum*, P. sp.; Brazil).—Stoss., 1897b, 79–80 (67–68) (in *Corallia brevicaudum*, P. s.; B.).

serrata Lint., 1901b, 410, 477, figs. 192–196 (in *Phycis tenuis*; off Nantucket).—Rail. & Henry, 1915, 275 (so. *Spinitectus cristatus*) (in *Phycis tenuis*).—Ward & Magath, 1917 (for 1916), JP, 62 (so. S. c.).

sexalata [?(Mol., 1860b)] Perronc., 1891, 210 (in *Sus scrofa*).

FILARIA—Continued..

- shekletoni* A., D., & E., 1901b, 38, pl. 6 figs. 2-5 (in *Cypselus affinis*, *Hyphantornis aurantus*; Nigeria).—Seur., 1916, 346 (in C. a., H. a.).
- shelletoni* Linst., 1907, CfB, v. 44, 267 (for *shekletoni*) (in C., H.; Africa).
- silphæ* Gmel., 1790a, 3040 (in *Silpha obscura*; Gæze, 1782a, 128).—Dies., 1851a, 92 (so. Gord. *silphæ-obscuræ*).—Duj., 1845a, 64.—Rud., 1809a, 76 (in S. o.); 1819a, 11.—Sieb., 1842, 151.
- simiæ* M. C. V. in Mol., 1858c, 418 (so. *cebi-trivirgati* (abdominalis)) (in *Cebus trivirgatus*; Matogrosso), 418 (so. *intercostalis*) (in C. (*Callitrix*) *sciurus*), 419 (so. *jacchi-chrysopygi* (hepatica)) (in *Jacchus* (*Hapale*) *chrysopygus*; Ypanema).
- simiæ-belzebul* M. C. V. in Mol., 1858c, 418 (so. *cebi-carayæ*) (in *Cebus caraya*; Villa Maria, Brazil).
- simiæ-capucina* Viborg, 1795a, 235 [nv.].—Mol., 1858c, 376 (so. *gracilis*).
- simiæ-leukeurin* M. C. V. in Mol., 1858c, 380 (so. *nodosa*).
- simiæ-macaco-barrigæ* M. C. V. in Mol., 1858c, 386 (so. *annulata*), 391 (so. *torta*) (in *Cebus lagothrix*; Brazil).
- simiæ-mydæ* Mol., 1858c, 376 (so. *gracilis*), quotes Quensel, 1800, 235.
- simplex* Schneid., 1866a, 82 (no clew).
- simplicissima* Mol., 1858c, 372 (s. *psittaci*) (in *Psittacus makaonanna*; Egenho do Cap Gama, Brazil).—Dies., 1861a, 701.—Stoss., 1897b, 80 (68) (in P. m.; B.).
- skutata æsophagea bovis* Schneidem., 1896a, 308 (for *scutata* o. b.).
- smerinthi-tiliæ* Dies., 1851a, 102 (to Gord.) (in *Smerinthus tiliæ*; Hope, 1840a, lxxxvi, Sussex).—[Sieb., 1842e, 161.]
- smithi* Sambon, 1907m, 304, fig. 1 [not Cobbold, 1882] (in blood, *Lagopus scoticus*; High Ardwall Anworth).—Shipley, 1908d, 11 (larva in blood of grouse); 1911, 218 (in g.).
- smithii* Cobbold, 1882a, 224, 237-238, figs. 6-7, pl. 24 figs. 7-10 (in *Elephas indicus*).—Mittex, 1912, 113, figs. e-g (in E. i.).—Stazzi, 1900a (b), 452-466 (3-6) (in E. i.).
- solitaria* Leidy, 1856b, 56 (in *Chelonura serpentina*, *Emys serrata*; Georgia); 1858a, 112 (s. *nitida*, *quadrituberculata*, *Agamonema papilligerum*) (in C. s., E. s., *Esox reticulatus*, *Murena macrocephala*, *Rana pipiens*).—Dies., 1857a, 18; 1861a, 702.—Hofer, 1904a, 284 (in *Anguilla vulg.*).—Mol., 1858c, 430 (in C. s., E. s.; Ga.).—Stoss., 1897b, 80 (68) (in C. s., E. s.; Ga.).—Also reported for *Chelydra serpentina*.
- spari-auratæ* Rud., 1819a, 11 (in *Sparus aurata*; C. E. V.).
- species Baer, 1827b, 589 (in *Anodonta anatina*).
- species Bail., 1866b, 40-41 (in *Equus cab.*; by M. Goubaux, 1863, 884).
- species Bellingh., 1844, 475 (in abd.-cav. of bee, *Bombus terrestris*).
- species Bodkin & Cleave, 1916, 182 (in *Tachycineta albiventeris*; Brit. Guiana).
- species Bouilliez, 1916, BSPe, 133-137, figs. 1-2 (in *Bufo regularis*; Chari).
- species Carter, 1858, v. 2, 100, pl. 4 fig. 50 (in *Nais albidæ*; Bombay).
- species Cathoire, 1906, CrSB, 1050-1052 (in blood, *Uromastix acanthinurus*).
- species Chaussat, 1850, CrSB, 22 (in blood of black rat).
- species Chiaje, 1825a, 3.
- species Cobbold, 1858b, 158 (in *Morrhua æglefinus*; Ing.).
- species Crisp, 1854a, 345 (in *Falco peregrinus*).
- species Daniels, 1898a, 1011-1012, fig. 1; 1898b, 658; 1898, v. 2 (6), 376.
- species Daniels, 1912, L, 375 (in birds, *Ærotophaga ani*; Brit. Guiana).
- species Dav., 1860.—Hall, 1916a, 188 (in *Epimys rattus*; France).
- species Delanoë, 1914, BSPe, v. 7, 121-125, figs. 1-26 (in *Agama colonorum*; Bouaké).
- species [Drechsler, 1876a, 355-358 (in *Bos taurus*)].—Ward, 1895a, 334 (in B. t.).
- species Dutton & Todd, 1903, Sept., 49 (in bullock; Gambia).
- species Eisig, 1869a, 99-102, pl. 11 figs. 1-2 (in pericardium of *Halmaturus ben-netti*; Heidelberg Zool. Inst.).—Linst., 1905t, 357-358.
- species Forbes, 1839, ANH, 148 (in *Cydippe*; St. Andrews).—Sieb., 1841c, 291 (in C.).

FILARIA—Continued.

- species Ford, 1902, VR, June 14, 767 (in buffalo; Penang).
- species Fülleborn, 1908, 1-44; 1909, v. 43 (9-12) 346-347 (in *Anopheles maculipennis*).
- species Gescheidt, 1833a, 423 (in *Tetrao bonasia*; by Nordm.).
- species Gough, 1908, 4 (in *Ovis aries*; S. Africa).
- species Ikow, 1886, v. 50 (1), 96-99 [nv.].—Montoya y Flores, 1904a, 146-148; 1905a, 774.
- species Jagers.—Braun, 1915a, 322 (in *Homo*; Berl.).
- species¹ Johnst., 1912, v. 12, 108 (in *Accipiter cirrhocephalus*; S. Q.); 111 (in *Acanthogenys rufigularis*; N. S. W.); 111 (*Anellobia chrysoptera*; S. Q.); 110 (in *Artamus leucogaster*; S. Q.); 110 (*Artamus tenebrosus*; S. Q.); 112 (in *Chibia bracteata*; S. Q.); 112 (in *Corcorax melanorhamphus*; S. Q.); 112 (in *Corone australis*; S. Q.; N. S. W.); 112 (in *Corvus coronoides*; S. Q.); 109 (in *Coracina robusta*; S. Q.); 110 (in *Cracticus destructor*; S. Q.); 110 (in *Cracticus nigrigularis*; S. Q.); 111 (in *Entomyza cyanotis*; S. Q., Lond. Zoo); 109 (in *Eurystomus pacificus*; S. Q.); 109 (in *Falco lunulatus*; W. A.); 109 (in *Glossopsittacus pusillus*; S. Q.); 110 (in *Gymnorhina tibicen*; S. Q., N. S. W., S. Australia, Lond. Zoo); 110 (in *Gymnorhina leuconota*; Lond. Zoo); 109 (in *Halcyon vagans*; Lord Howe Is.); 106 (in *Lophophaps plumifera*; Lond. Zoo); 110 (in *Myzomela sanguinolenta*; S. Q.); 111 (*Myzantha garrula*; S. Q.); 109 (in *Myiagra rubecula*; S. Q.); 109 (in *Ninox boobook*; V.); 109 (in *Ninox ocellata*; N.W.A.); 112 (in *Oriolus sagittarius*; S. Q.); 110 (in *Oreocichla lunulata*; N. S. W.); 108 (in *Phalacrocorax sulcirostris*; S. Q.); 108 (in *Phalacrocorax melanoleucus*; N. S. W.); 111 (in *Philemon citreigularis*; S. Q.); 110 (in *Plectorhamphus lanceolatus*; S. Q.); 106 (in *Plotus novæhollandiæ*; S. Q.); 109 (in *Platyercus icterotis*; Lond. Zoo); 109 (in *Podargus strigoides*; S. Q.); 109 (in *Pomatostomus frivolus*; S. Q.); 109 (in *Psophodes crepitans*; S. Q.); 111 (in *Ptilotis fusca*; S. Q., Lond. Zoo); 112 (in *Sericulus chryscephalus*; S. Q.); 112 (in *Strepera fuliginosa*; Lond. Zoo); 112 (in *Struthidea cinerea*; S. Q.); 110 (in *Stigmatops ocularis*; S. Q.); 109 (in *Trichoglossus novæ-hollandiæ*; S. Q.).
- species Kholodk., 1896a, 59 (in *Homo*; Tver); (1897a), 185; 1898b, 355; 1907, 185, —Braun, 1903a, 278 (in H.; Tver); 1906a, 309; 1908a, 311; 1915a, 323.—Stiles, 1907b, 47 (in H., Tver).
- species¹ Krøyer, 1838-40a, 116 (in *Trigla hirundo*); 205 (in *Spinachia vulg.*); 277 (in *Caranx trachurus*); 290 (in *Lampris guttatus*); 354 (in *Gunellus vulg.*); 441 (in *Callionymus lyra*); 495 (in *Labrus berggylta*); 593 (in *Spinachia vulg.*); 597 (in *Caranx trachurus*).
- species Krøyer, 1843-45, 76 (in *Gadus minutus*); 122 (in *Merlangus carbonarius*; 246 (in *Raniceps fuscus*).
- species Krøyer, 1846-53a, 34 (in *Mallotus arcticus*).
- species Leidy, 1852b, 242 (in *Rana pipiens*; by Leidy).
- species Leidy, 1884.—Rail. & Henry, 1916, BSPE, 368 (in *Asio accipitrinus*; U. S. A.).
- species Leiper, 1908 (3), 191 (in *Megaderma frons*; Bor Jebel River).
- species Leuck., 1827a, 11 (in *Phalæna dispar*; by Leuck.).
- species Linst., 1883a, 289 (?host; [Turkestan?]).
- species Linst., 1889a, 68 (in *Rana temp.*; quotes Leuck., 1876a, 634).
- species Linst., 1889a, 10 (in *Mus decumanus*; see Dav., 1860a, 310, and Chaussat, 1850, 26).—Hall, 1916a, 188 (in *M. rattus*).
- species Linst., 1903k, 116 (in *Dipsadomorphus dendrophilus*; Siam).
- species Linst., 1905t, 357-358 (in pericardium of *Halmaturus bennetti*; Heidelberg Zool. Inst.).
- species Mans., 1891, Jan. 3, 4-8, figs. 1-15 (in blood of *Goura coronata*; Java).
- species Mégn., 1878.—Ward, 1895a, 339 (in *Equus cab.*).
- species Miller, 1903, 130 (in heart & blood of sea lion; N. Y.).
- species Morgan, 1868, 73 (in beaver).—Hall, 1916a, 188 (in *Castor fiber*; U. S. A.).
- species Nordm., 1832a, 16-17 (in *Tetrao bonasia*; Wikari Isl.).—Rans., 1904a, 33 (so. *banasiæ*).

¹ No clew given as to how many different species.

FILARIA—Continued.

- species Nordm., 1832a, 26 (in *Phalæna monacha*, P. dispar).
- species Nordm., 1832a, 17 (in *Silvia abietina*; Breslau).—Rans., 1904a, 37 (so. sylvæ).
- species Oerley, 1882b, 313–314 (in *Dididurus albus*; from Guatemala).
- species O'Neill, 1875a, 265–266, fig. 1 (in *Homo*; W. Africa); 1875, 229; 1898, 204.—Braun, 1883a, 182; 1895b, 229.—Cobbold, 1878b, 370.—Stiles, 1907b, 47.
- species Par., 1889c, 778 (in *Calotes emma*; Birmania).
- species¹ Plimmer, 1912, 138 (in *Andigena bailloni*; Brazil); 139 (in *Amphibolurus barbatus*; Australia); 138 (in *Aphelocoma ultramarina*; Mex.); 137 (in *Ateles geoffroyi*; C. America); 139 (in *Bufo marinus*; S. America); 138 (in *Calliste cyanoptera*; S. America); 138 (in *Calliste guttata*; S. America); 139 (in *Calliste cayana*; S. America); 139 (in *Calliste flaviventris*; S. America); 139 (in *Cardinalis phoeniceus*; S. America); 137 (in *Cebus albifrons*; Ecuador); 139 (in *Chrysomma sinense*; India); 138 (in *Cittocinclu macrura*; India); 138 (in *Cicinnurus regius*; New Guinea); 139 (in *Cereba cyanea*; S. America); 139 (in *Columba gymnopterna*; Venezuela); 139 (in *Copsychus saularis*; India); 139 (in *Cureus aterrimus*; Chili); 139 (in *Cyclura acanthura*; C. America); 139 (in *Cyanospiza leclancheri*; Mex.); 139 (in *Cyanocorax luxuosus*; Mex.); 137 (in *Didelphys nudicaudata*; S. America); 139 (in *Dryotrichos spectabilis*; W. Africa); 138 (in *Entomyza cyanotis*; Australia); 138 (in *Erythrura prasina*; Sumatra); 138 (in *Estrela melpoda*; W. Africa); 138 (in *Estrela phœnicotis*; W. Africa); 138 (in *Euphonia violacea*; C. America); 139 (in *Euphonia lanirostris*; Brazil); 139 (in *Eupletes viteus*; Africa); 137 (in *Felis temminckii*; Sumatra); 139 (in *Francolinus levaillanti*; Cape Colony); 138 (in *Francolinus garipeensis*; N. Africa); 138 (in *Garrulax leucolophus*; N. India); 139 (in *Galeoscoptes carolinensis*; N. Am.); 139 (in *Garrulax albogularis*; India); 138 (in *Garrulus lanceolatus*; N. India); 139 (in *Geopelia striata*; India); 138 (in *Geocichla citrina*; India); 138 (in *Gubernatrix cristatilla*; S. Am.); 138 (in *Gymnorhina tibicen*; Australia); 139 (in *Gymnorhina leucocota*; India); 139 (in *Hedymeles ludovicianus*; N. Am.); 139 (in *Hemixus fluvala*; India); 139 (in *Icterus gularis*; Mex.); 139 (in *Icterus baltimore*; N. Am.); 138 (in *Icterus jamaicæ*; Brazil); 138 (in *Lanius collurio*; Europe); 138 (in *Lagonoticta senegalæ*; W. Africa); 137 (in *Lemur coronatus*; Madagascar); 137 (in *Leontocebus oedipus*; Colombia); 137 (in *Leontocebus rosalia*; Brazil); 137 (in *Lemur mungos*; Madagascar); 138 (in *Lophophaps leucogaster*; N. Australia); 139 (in *Manucodia atra*; Aru Isl.); 139 (in *Melospiza pusilla*; N. Am.); 139 (in *Merula albocincta*; India); 138 (in *Megaloma asiatica*; India); 138 (in *Missocichla rubripes*; N. Am.); 138 (in *Molothrus pecoris*; N. Am.); 138 (in *Myzanthra garrula*; Australia); 138 (in *Myiophoneus temminckii*; N. India); 137 (in *Myrmecophaga tridactyla*; S. Am.); 139 (in *Odontophorus capitiæra*; S. Am.); 139 (in *Oedemia nigra*; Brit. Isl.); 138 (in *Oedreus melanocephalus*; New Guinea); 137 (in *Onychogale fœnata*; N. S. Wales); 139 (in *Oreospiza chlorura*; N. Am.); 138 (in *Parotia lawesi*; New Guinea); 138 (in *Paradisæa raggiana*; New Guinea); 138 (in *Phonygama chalybeata*; New Guinea); 139 (in *Pituophis sayi*; N. Am.); 138 (in *Pionopsittacus leatus*; Brazil); 138 (in *Platycecus icterotis*; W. Australia); 138 (in *Pteroglossus torquatus*; C. America); 138 (in *Ramphastos dicolorus*; Guiana); 139 (in *Rana escul.*; Europe); 139 (in *Saltator senilis*; Brazil); 139 (in *Serinus canicollis*; S. Africa); 139 (in *Sialia sialis*; N. Am.); 139 (in *Spermophila castaneiventris*; Guiana); 138 (in *Spermophila minuta*; Venezuela); 138 (in *Strepera fuliginosa*; Australia); 137 (in *Suricata suricata*; S. Africa); 139 (in *Tanagra episcopus*; S. Am.); 137 (in *Tayassu tajacu*; S. Am.); 137 (in *Tragulus javanicus*; Java); 138 (in *Turacus macrorhynchus*; W. Africa); 138 (in *Turdus mustelina*; N. Am.); 138 (in *Turdus migratorius*; N. Am.); 139 (in *Urocissia occipitalis*; India); 138 (in *Urobrachya albonotata*; S. Africa).
- species Powell, 1903b, 1145; 1903e, 120 (a blood Fil.).
- species Prout, 1902a, 880 (in *Homo*; W. Africa); 1902, Oct. 15, 318.—Stiles, 1907b, 47.
- species Reichmann, 1910, MmW, 2291–2293, figs. 1–4 (in *Homo*; Jena).—Braun, 1915a, 322.
- species Rheindorf, 1908b, 332–336, fig. 1 (in *Homo*; Berl.).—Koch, 1910, 101.

¹ No clew given as to how many different species.

FILARIA—Continued.

- species Schneid., 1866a, 313, pl. 26 fig. 3 (in *Triton taeniatus*).—Seur., 1916, 357 (in T. t.).
- species Sergent & Sergent, 1904t; 1910, 48, 49 (in *Alauda cristata*, *Fringilla carduelis*, *F. linota*, *Passer dom.*, *Sylvia*, *S. atricapilla*, *Surnia noctua*).
- species Sergent & Sergent, 1905g, 56 (in blood of African birds; Algeria).
- species Sergent & Sergent, 1905w, 672–673 (in blood of dromedary); 1905x, 512; 1907, v. 2 (1), 150.
- species Silva Araujo (in heart of Tatou; Bahia).—R. Bl., 1887c, 71.—Linst., 1889a, 27 (in *Dasypus* sp.).
- species Sons., 1896m, 449 (in *Milvus aegyptius*; Egypt).
- species Tuck, 1908, v. 3, 19–66 (in buffalo; Malay).
- species Wolfth., 1900a, 33, 34 (in *Corvus frugilegus*; Freiburg i. B.).
- species also reported for *Dasypus* sp., *Diclidurus albus*, *Equus asinus*, *Lacerta agilis*, *Micropterus dolomieu*, *M. nigricans*.
- spclæa* Leidy, 1875b, 17 (in Australian wallaby; Zool. Gard., Phila.); 1904a, 137.—Cobbold, 1879b, 433.—Smith, 1908, 269.
- spermospiza* Linst., 1879a, 171, pl. 11 fig. 16 (in *Spermospiza guttata*; by Linst.).—O'Zoux & Henry, 1909, 547.—Stoss., 1897b, 28 (16) (in S. g.).
- sphacodis* Dufour, 1837a, 8, pl. 1A fig. 1 (in *Sphacodes gibbus*; Ing.).—Dies., 1851a, 99 (so. Gord. *sphacodis-gibbi*).
- spherophora* Mol., 1858c, 401, pl. 2 fig. 8 (s. *anabatis*, *lophotis*) (in *Anabates* (*Anumbias*) *anthoides*, *Muscicapa lophotes*; Brazil).—Stoss., 1897b, 80 (68) (in A. a., M. l.; B.).
- sphacodis-gibbi* Dies., 1851a, 99 (to Gord.) (quotes Sieb., 1842e, 152) (in *Sphacodes gibbus*; by Duf.).
- sphinxis-euphorbia* Dies., 1851a, 102 (to Gord.) (quotes Sieb., 1842e, 156) (in *Sphinx euphorbia*; by Goeze).
- sphinxis-ligustri* Dies., 1851a, 102 (to Gord.) (quotes Sieb., 1843a, 83) (in *Sphinx ligustri*; by Rossi).
- sphodri-leucophthalmi* Dies., 1851a, 90 (to Gord.) (in *Sphodrus leucophthalmus*; Gr. Brit., Hope, 1840a, lxxxiv).—Sieb., 1842, 161.
- spicularia* Neum., 1909, Rv. v. 66, 544–549, 4 figs. (in ostrich; Cape Colony).—Geddelst, 1911, 106 (in o.).—Rail., 1915, 510; 1915, Ivc, 748 (in o.).—
- spinifera* Schneid., 1866a, 83, 95 (in *Scelopax gallinula*, 213, pl. 6 fig. 6 (*Spiropt. horrida* Rud. renamed).—Also reported for *Ascolopax gallinula*.
- spinulosa* Mol., 1860e 350 (s. *Spiropt. glareola-austriaca*) (in *Glareola austriaca*; M. C. V.).—Dies., 1861a, 712.—Stoss., 1897b, 80 (68) (in G. a.).
- spiralis* Oerley, 1882b, 312, pl. 10 fig. 2 a, b (in *Heiloporus albopunctatus*; Brit. Mus., from Australia).—Linst., 1889a, 69 (in H. a.).—Rail., 1916, BSPE, 138 (so. *cochleata*).—Stoss., 1897b, 125 (113) (to *Oxyspirura*).
- spiralis avium* A. D. & E., 1901b, 26–30, pl. 2 figs. 1–5, pl. 3 figs. 1–3, pl. 13 fig. 2 (in *Cinnyris fuliginosa*, *Cyanomitra reichenbachii*, *Cypselus affinis*, *Hyphantornis aurantius*, *Muscicapidae* sp., *Pyrenonotus barbatus*, *Sitagra brachyptera*, *Vidua principalis*; West Africa, apparently Nigeria).—Linst., 1907, CIB, v. 44, 266 (in *Hyphantornis*, *Muscicapa*; Africa).
- spiralis avium major* A. D. & E., 1901b, 31–33, pl. 5 figs. 1–5, pl. 6 fig. 1, pl. 13 fig. 4 (in *Hyphantornis aurantius*, H. sp., *Sitagra brachyptera*; apparently Nigeria, W. Africa).—Linst., 1907, v. 44 (3), 266 (in H. s.; A.).—Seur., 1916, 346 (in H. a., H. sp., S. b.).
- spirocauda* Leidy, 1858a, 112 (in heart of *Phoca vitulina*; by Wyman; Ing.); 1904a, 113–114.—Braun, 1891e, 112.—R. Bl., 1905a, 538.—Cobbold, 1879b, 314.—Dies., 1861a, 701.—Linst., 1903t, 353; 1907, 266.—Rail., 1899d, 128–130 (in P. v.).—Stoss., 1897b, 80–81 (68–69) (s. *cordis phocæ*) (in P. v.; Penn.).
- squamata* Linst., 1883a, 287–288, pl. 7 figs. 18–19 (in *Phalacrocorax carbo*; Turkestan); 1886c, 12, figs. 18–19 (in P. c.; T.).—Stoss., 1891b (c), 85 (5) (to Disph.).—Also reported for *Carbo cormoratus*.
- sternæ* Rud., 1819a, 10 (in *Sterna leucopareia*; C. E. V.).—Dies., 1851a, 277 (so. *bilabiata*).—Stoss., 1897b, 61 (49) (so. b.).—Seur., 1916, 357.
- stereopodis-madidi* Dies., 1851a, 90 (so. Gord. *feroniae-madidae*) (in *Feronia madida*; Gr. Brit., Hope, 1840a, lxxxiv).—[Sieb., 1842, 160.]

FILARIA—Continued.

- stigmatura* Leidy, 1886e, 309-310 (in swim-bladder of *Salvelinus namaycush*; Lake Superior); 1904a, 190.—Stiles & Hass., 1894e, 347 (in *S. sp.*).—Stoss., 1897b, 81 (69).—Ward & Magath, 1917 (for 1916) *J. P.*, 57 (to *Cystidicola*).
- stomachalis* Schlotthauber, 1860a, 124-125 (in esophagus of birds; by Schlotth.).
- stomoxys* Linst., 1875a, 195-197, 206-207, pl. 3 figs. 20-22 (in *Stomoxys calcitrans*; Grœnau); 1876a, 6.—Noë, 1903a, 392 (so. *labiato-papillosa*).—Place, 1915, 122.—Rail., 1915, *RMv.*, 480.—Seur., 1916, 357.—Stoss., 1897b, 14 (2) (in *S. c.*).
- striata* Mol., 1858c, 388-389 (s. *felis-concoloris*) (in *Felis concolor*, *F. macroura*; Brazil).—Stoss., 1897b, 81 (69) (in *F. c.*, *F. m.*).—Weidman, 1912, 39 (in? *F. rufus*).
- strigis* Gmel., 1790a, 3040 (in *Strigibus*, in *tela cellulosa capitis et aures cingente*; quotes Pall., 83).—Baird, 1853a, 6 (so. *attenuata*).—Bosc, 1802a, 49; 1830a, 59 (so. *at.*).—Duj., 1845a, 14 (so. *Trichosoma obtusum*).—Froel., 1802a, 21-28, pl. 1 figs. 10-12.—Mol., 1858c, 407 (so. *quadridens*).—Rud., 1809a, 71; 1810a, 354 (*strigum*) (in *Strigibus*).—Zed., 1803a, 38.
- strigis* Linst., 1877b, 176, pl. 14 fig. 28 (s. *Trichina affinis* pars) (in *Strix otus*; Ing.).; 1879a, 173 (in *Astur nissus*, *A. palumbarius*, *S. aluco*); 1880a, 45; 1882a, 1 (in *Lanius excubitor*; Hameln); 1885b, 244 (in *Buteo lagopus*).—Müch., 1898b, 51.—Seur., 1916, 357.—Stoss., 1897b, 14 (2) (in *A. p.*, *Bubo maximus*, *Buteo lagopus*, *B. vulg.*, *L. e.*, *Nisus communis*, *Otus vulg.*, *Surnia noctua*, *S. ulula*, *Strix flammea*; Hameln); 1902, 11 (in *Athene noctua*).—Also reported for *Aegolius otus*.
- strigis-brachyoti* M. C. V. in Mol., 1858c, 399 (so. *bipapillosa*) (in *Strix*; M. C. V., Coll. Brazil).
- strigis-torquatae* Mol., 1858c, 422 (in *Strix torquata*; Brazil).—Rail. & Henry, 1916, *BSPe*, 368 (s. *attenuata* pars) (in *S. t.*; *B.*).—Stoss., 1897b, 55 (43) (so. *at.*); 1898, 96.
- strigum* Rud., 1810a, 354 (for *strigis* Gmel., 1790).
- strongylina* (Rud., 1819) Schneid., 1866a, 83, 101 (in *Sus scrofa fera*; by Brems.).—Linst., 1879b, 327, pl. 5 fig. 11; 1883a, 286.—Perronc., 1882a, 330; 1891, 210 (in *S. s.*).—Rail., 1893a, 536 (to *Spiropt.*).—Rail. & Henry, 1911, v. 4 (10), 696, 697 (of Linst. so. *Physoc. sexalatus*).—Schneidem., 1896a, 308.—Züern, 1882, 247.—Also reported for *Sus scrofa* dom.
- strongylus* Züern, 1882a, 242 (for *strongylina*?).—Marsden, 1898a, 425 (in goat, pig, and sheep).
- strumosa* (Froel., 1791) Schneid., 1866a, 103 (in *Talpa europæa*).—R. Bl., 1887e, 167 (s. *Trichina spiralis* pars).—Deupser, 1894a, 13.—Hall, 1916a, 200 (of Stoss., 1897, so. *Spirura talpæ*); 1916, *RMv.*, 520.—Kowal., 1896a, 6.—Linst., 1885b, 241-242, pl. 14 fig. 14-15; 1887d, 112, pl. 2 fig. 11.—Stoss., 1897b, 43-44 (31-32) (s. *Asc. talpæ*, *Fus. convoluta*) (in *Buteo vulg.*, *Cetonia aurata*, *T. e.*).
- sturni* Rud., 1809a, 73 (in *Sturnus*; quotes Pall.); 1819a, 9.—Dies., 1851a, 281 (in *S. vulg.*).—Mol., 1858c, 424 (in *S. v.*).—Stoss., 1897b, 81 (69) (in *S. v.*); 1899, 3.—Zannini, 1908, 179.
- subbifurcus* (Sieb., 1848) Hofer, 1904a, 230 (in *Cobitis barbatula*).
- subconjunctivalis* Brumpt, 1910, 449 (for *subconjunctivalis*).
- subconjunctivalis* Guyon, [1865a, 58-59 (in *Homo*; W. Coast of Africa); [1841b, 106; 1864a, 743].—Braun, 1903a, 271 (so. *loa*); 1908a, 300; 1915a, 315.—Brumpt, 1913a, 511.—Cast. & Chalm., 1910a, 421; 1913a, 536.—Ludw. & Sæmisch, 1895a, 737.—Nev.-Lem., 1908a, 481.—Silva Amado, 1873, 151, 152.—Sl. & Sw., 1912a, 353.—Stiles, 1907b, 37, 42 (so. *l.*); 1907, 620; 1914, *MM*, v. 2, 312.
- subcutanea* [?(Rud., 1819)] Civinini, 1842a, 122 (in *tainei*).—[Aless., 1838, 15, pl. 1 figs. 1-11.].—Par., 1894a, 240 (in *Mustela foina*; Pisa, quotes Civinini).—Stiles, 1907b, 34.
- subcutanea* Linst., 1899b, 23, fig. 72 (in *Erethizon dorsatus*; Berl. Zool. Garden); 1906, 7.—Hall, 1916a, 180, 181-183, 190, fig. 240 (in *E. d.*; Germany).
- subspiralis* Dies., 1851a, 268-269 (s. *ardea-cinerea*) (in *Ardea cinerea*; M. C. V.); 1861a, 700.—Crisp, 1853a, 68.—Linst., 1909a, 74 (in *A. c.*).—Mol., 1858c, 391 (in *A. c.*, *A. leucogaster*).—Stoss., 1897b, 81-82 (69-70) (in *A. c.*, *A. l.*; Brazil).
- subulata* Deslgch., 1824p, 394 (in *Podiceps auritus*).—Dies., 1851a, 283 (in *P. a.*).—Duj., 1845a, 58.—Mol., 1858c, 429-430 (in *P. a.*).—Stoss., 1897b, 82 (70) (in *P. a.*).

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- succinea* Dies., 1851a, 287 (in *Succinea amphibia*; by Sieb., 1837b, 255.—Assmuss, 1865, 52 (so. *Mermis albicans*).—Mol., 1858c, 434.—Stoss., 1897b, 82 (70) (in S. a.).
- suís-labiati* M. C. V. in Mol., 1858c, 388 (so. *acutiuscula*) (in *Dicotyles*: M. C. V., Coll. Brazil).
- suís-tajassu* M. C. V. in Mol., 1858c, 388 (so. *acutiuscula*) (in *Dicotyles*: M. C. V., Coll. Brazil).
- sylphæ* Bosc, 1802a, 49 (in *Sylpha obscura*) (probably for *silphæ*).
- sylvæ* Dies., 1851a, 281 (in *Sylvia abietina*) (refers to Nordm., 1832a, 17).—Linst., 1878a, 86 (in S. a.).—Rans., 1904a, 37, 49.—Stoss., 1897b, 82 (70), 143 (131) (in S. a.).
- sylvæ* M. C. V. in Mol., 1858c, 423, 425 (so. *myotheræ-chrys-pygæ*) (Brazil), 447.
- taniguchi* Cast. & Chalm., 1910a, 408, 420, 448; 1913a, 522, 530 (for *taniguchii*).—F., S., & T., 1916a, 404.—Füelleborn, 1913, 315.—Sl. & Sw., 1912a, 402, 404.
- taniguchii* Pencl, 1905, 2ed., 143, 146 (in *Homo*: Japan: *Taniguchi*, 1904, v. 35, 492–500).—Braun, 1915a, 322. Brumpt, 1910a, 460; 1913a, 517.—Gedoelst, 1911a, 106 (in Japanese).—Guiart, 1910a, 454.—Nev.-Lem., 1906a, 306; 1908a, 486.—Seur., 1916, 346 (in H.).—Sl. & Sw., 1912a, 361.—Stiles, 1914, MM. v. 2, 305, 306, 313.
- tantali-cayennensis* M. C. V. in Mol., 1858c, 435 (in *Ibis cayennensis*: Brazil).—Stoss., 1897b, 82 (70) (in I. c.; B.).
- tapici* M. C. V. in Mol., 1858b, 275 (so. *Spiropt. chrisoptera*) (in *Tapirus americanus*: Brazil); 1860b, 275.
- tendo* Nitzsch in Gieb., 1857a, 268 (in *Falco tendo*; Coll. Nitzsch.).—Rail. & Henry, 1916, BSpE, 366, 367 (s. *attenuata pars, foveolata*).—Stoss., 1897b, 82 (70) (in *F. peregrinus*).
- tenebra* Leiper, 1908 (3), 192 (possibly misprint for *terebra*).
- tentaculata* Mehl., in Crep., 1846b, 162, 172, 174 (in *Hirsche*).—Mol., 1858c, 405 (so. *terebra*).—Ward, 1895a, 334 (in *Bos taurus*) (?so. *labiato-papillosa*).
- tenthredinis* Gmel., 1790a, 3041 (in *tenthredinum larva*: Act. Stockh., 35, 181).—Dies., 1851a, 99 (to Gord.).—Rud., 1809a, 82 (in *Tenthredo*: by Bergmann, 1763, 170); 1819a, 12.—Sieb., 1842, 152.
- terebra* Dies., 1851a, 274 (in *Cervus elaphus*, *C. nambi*, *C. simplicicornis*, *C. rufus*; Brazil).—A., D., & E., 1901b, 15 (so. *labiato-papillosa*).—Cobbold, 1876y, 201, 202; 1879b, 349.—Fiebiger, 1912a, 231.—Francis, 1894a, 451 (in cattle).—Kless, 1908, 120.—Linst., 1901b, 411; 1904n, 300.—Mol., 1858c, 401 (so. *bidentata*), 405 (in C. e.); 1861c, 320.—Mueh., 1898b, 51.—Muell., 1907a, 122–126, figs. 1–2 (in *Hirsch*).—Rail., 1888b, 98 (so. l. p.); 1893a, 526.—Schneid., 1866a, 83, 86, 251, pl. 5 fig. 18.—Sl. & Sw., 1912a, 393.—Stiles, 1892f, 145.—Stoss., 1897b, 42 (30).—Ward, 1895a, 334 (in *Bos taurus*).—Also reported for *Capreolus caprea*, *Cervus* sp.
- terminalis* Passerini, 1884a, 42–63, pls. 1–5 (in *Lepus timidus*: Toscana): 1886a, 615, 617; 1892a, 4–5.—Hall, 1916a, 163 (so. *Synthetocaulus pulmonalis*).—Hut. & Mar., 1910b, 69.—Par., 1894a, 241 (in L. t.), 600.—Stoss., 1897b, 82 (70) (in L. t.; T.).
- tetraonis* M. C. V. in Mol., 1858c, 413 (so. *obtusicaudata*), 427 (so. *perdicis-dentata*) (in *Perdix dentata*; Brazil).—Rans., 1904a, 36.
- tetraonis-bonasia* Dies., 1851a, 282 (so. *bonasia*) [based on Nordm., 1832a, 17 (see sp. in *Tetrao bonasia*)].—[Crep., 1846b, 175.].—[Gurlt, 1845a, 263.].—Mol., 1858c, 426 (so. *bon.*).—Rans., 1904a, 33.
- tetricis* Froel., 1802a, 28–29 (in *Tetrao tetricus*: by Froel.).—Hass., 1896a, 5, 6 (so. *Trichosoma longicolle*).—Mol., 1861c, 320 (so. *T. annulatum*).—Rud., 1914a, 87 (sub *Trichoc. tetricis*).
- thamnophili* M. C. V. in Mol., 1858c, 381 (so. *clavato-verrucosa*) (in *Thamnophilus canadensis*: Marabitanas, Coll. Brazil), 394 (so. *attenuato-verrucosa*) (in T. c.; Rio negro, Coll. Brazil).
- tinami* M. C. V. in Mol., 1858c, 412 (so. *labiotruncata*) (in *Tinamus*: Coll. Brazil), 417 (so. *quadrilabiata*) (in T.; Coll. B.).—Stiles, 1907a, 10 (so. *Tetracheilonema quadrilabiatum*).
- tinami-variegati* M. C. V. in Mol., 1858c, 427 (so. *tinami-variegati* (palpebralis) (in *Tinamus variegatus*: Barra do Rio negro, Coll. Brazil).—Linst., 1878a, 125.—Rans., 1904, 38, 45.—Stoss., 1897b, 83 (71) (in T. v.; B.).

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- tinami-variegati (palbebralis)* Mol., 1858c, 427 (in *Tinamus variegatus*; Brazil), 441.—Rans., 1904a, 38.
- torta* Mol., 1858c, 390-391, pl. 2 figs. 1-4 (in *Cebus lagotherix*; Brazil).—Dies., 1851a, 700.—Stoss., 1897b, 83 (71) (in *Lagothrix cana*; B.).
- trachealis* Cobbold, 1864b, 333 (based on Rainey, 1855a, 370) (s. *Nematoideum trachale* as possibly referable to *Asp. megalocephala* or *A. suilla*) (in *Homo*; Eng.); 1866a, 7; 1867a, 6; 1879b, 207 (to *Nematoideum*); 1883w, 513.—Anders, 1903a, 1258 (in *Homo*).—R. Bl., 1888a, 740 (s. ? *Str. longevaginatus*), 743, fig. 364 (in H.); 1888r, 39 (so. ? *Str. l.*); 1895, 755 (so. *Str. apri*).—Braun, 1903a, 293; 1908a, 326; 1915a, 345.—Cast. & Chalm., 1910a, 430.—Dungl., 1893a, 821; 1900a, 821 (or *bronchialis*).—Looss, 1905c, 154 (? so. *Str. paradoxus*).—Moniez, 1896a, 389.—Packard, 1896a, 518.—Sl. & Sw., 1912a, 324.—Stiles, 1907b, 59 (to *Nematoideum*); 1907c, 610.—Verrill, 1870, 171.—Ward, 1903l, 219 (? so. *Str. apri*) (in H.); 1916, 697.
- tracheo-bronchialis* Dolley, 1894a (1901), 995 (so. *lymphatica*).—Hut. & Mar., 1910b, 70.
- tracheo-bronchialis canis* Fiebiger, 1912, 235 (for *bronchialis canis* = *osleri*) (in dog).—Hut. & Mar., 1913b, 75, 84 (in *Hunde*).—Neum. & Mayer, 1914a, 408.
- transversata* Linst., 1907, v. 3 (2), 258, pl. 7 figs. 20-21 (in *Cephalophus melanorheus*, *Troglodytes niger*; Kamerun); 1907, 267.
- trismucha* Wright, 1879a (b), 72-73 (21), pl. 1 fig. 16 (in *Botaurus minor*; Toronto).—Stoss., 1897b, 83 (71) (in B. m.; America).—Also reported for *Ardea minor*.
- trichosuri* Breinl., 1913, 39-41, pl. 9 figs. 1-4 [pl. 10 fig. 1] (in *Trichosurus vulpecula*; N. Queensland).—Nicoll, 1914, Sept. 12, 4 (in T. v.; Q.).
- tricornata* Mol., 1858c, 400 (in *Pipra inornata*; Brazil).—Stoss., 1897b, 83 (71) (in P. o.; B.).
- tricuspis* Wolffh., 1900a, 32 (misprint for *tricuspis*).
- tricuspidata* Duf., 1828d, 222-225, pl. 12C figs. 1-4 (s. ? *grylli*, ? *locustæ*) (in *Gryllus burdigalensis*; by Duf.); 1829a, 156-157; 1834a, 1025-1026; 1837a, 7.—Cam., 1886a, 161 (to *Gord.*); 162; 1897g, 400 (to *Paragord.*).—Duf., 1845a, 65.—Hofer, 1904a, 230 (in *Cobitis barbatula*).—Lab., 1897b, 675 (to G.).—Leblond, 1836f, 6.—Sieb., 1842e, 154.—Stiles, 1907b, 64 (to P.).—Villot, 1874a, 58 (so. *G. gratianopolensis*).
- tricuspis* Fedtsch., 1874a, 60-61 (in *Corvus cornix*; Asia); 1890a, 138.—R. Bl., 1895b, 175-179, 199-200, fig. 11; 1899e, 525.—Deuser, 1892a, 131; 1894b, 28, 37.—Linst., 1878a, 99 (in abd., C. c.); 1883a, 285, pl. 7 fig. 16; 1889a, 38 (in C. c.); 1891e, 292-305, pl. 11 figs. 1-37 (s. *attenuata* from crows) (in *C. cornix*, *C. corax*, *C. corone*, *C. frugilegus*, *C. monedula*, *Garrulus glandarius*, *Nucifraga caryocatactes*, *Pica caudata*, *Pyrrhocorax alpinus*, *Sturnella ludoviciana*); 1892d, 483; 1897, 283-284; 1899b, 25-26 (in [*Acridotheres ginginianus*] *A. tristis*, *Alauda arvensis*, *A. sp.*, *Anthus rufoescens*, [*A. striolatus*], *Calornis monticola*, *Chelidon erythrogaster*, *C. urbica*, *Cisticola exilis*, *Cotyle riparia*, *Corvus corax*, *C. cornix*, *C. corone*, *C. cyanomelas*, *C. fr.*, *C. monedula*, *Falco subbuteo*, *Formicivora caudata*, *Garrulus gl.*, *Graucalus sclateri*, *Gracula grisea*, *Hirundo rustica*, *H. versicolor*, *Lanius sp.*, *Lullula arborea*, *Nuc. ca.*, *Passer dom.*, *Pica caudata*, *Poecile palustris*, *Py. alp.*, *Stur. lud.*, *Sylvia atricapilla*, *Xenops sp.*); 1905cc, 273 (to *Aprocta*); 1907, 266.—Mans., Somerville, etc., 1880, 58, 130.—Muëh., 1898b, 51.—Muëll., 1897a, 7.—O'Zoux & Henry, 1909, 547.—Par., 1899a, 15; 1899b, 99 (in *Columba ænas*; Portoferrajo); 1902c, 16 (in C. a.).—Penel, 1905a, 73.—Soloviev, 1912, 112.—Stoss., 1896c (d), 122 (4) (s. *alaudæ*, *unguiculata*) (in *Alauda arvensis*, *Acridotheres ging.*, *A. tr.*, *Corvus fr.*, *Lullula arborea*; Asia, Europe); 1897b, 26 (14) (s. *alaudæ*, *monticelliana*, *ninnii*, ung.) (in *Alauda arv.*, *Acridotheres tr.*, *A. ging.*, *Corvus cy.*, *C. corn.*, *C. corone*, *C. fr.*, *C. corax*, *C. mon.*, *Gar. gl.*, *Hirundo rus.*, *Lullula arb.*, *Nu. carv.*, *Po. pal.*, *Py. alp.*, *Pica caudata*, *S. lud.*, *Syl. at.*); 1898c, 95 (s. al., *monticelliana*, *ninnii*, ung.) (in *Alauda arv.*, *Corvus fr.*, *Lul. a.*; Trieste); 1899a, 3 (in *Sturnus vulg.*); 1902d (e) (11) (in *Athene sp.*, *Frugilegus gracula*; Siam, Albenga).—Volz, 1900, 142.—Wolffh., 1900a, 10, 19, 21, 22, 23, 30, 32, 34, 35, 45 (in *Corvus corone*, *C. fr.*, *Turdus merula*).
- tridens* Mol., 1858c, 393-394 (s. *collurionis pulmonalis*, *nodulosa*, *orioli*, *Hamularia cylindrica*, *Linguatula bilinguis*, *Tentacularia cylindrica* (in *Cassicus ater*, *C. viridis*, *Icterus cristatus*, *I. chopi*, *I. hamorrhous*, *I. psaracoli*))

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- tridens*—continued.
icteroceph. I. sericeus. *Lanius collurio*: Europe & Brazil.—Dies., 1861a, 702.—Muell., A., 1904a, 120.—Stoss., 1897b, 83–84 (71–72).
- tridentata* Linst., 1877a, 10–11, pl. 1 fig. 17 (in *Colymbus arcticus*; by Linst.); 1877b, 175–176, pl. 12 fig. 7.—Stoss., 1897b, 45–46 (33–34) (in C. a., *Larus ridibundus*).
- trigla* Dies., 1851a, 286 (in *Trigla cuculus*) (based on Bellingh., 1845a, 475, in T. pini; Ireland).—Mol., 1858c, 432.—Stoss., 1897b, 84 (72) (in T. c.; I.).
- tringa* M. C. V. in Rud., 1819a, 10 (in *Tringa alpina*; C. E. V.).—Dies., 1851a, 282–283.—Stoss., 1897b, 84 (72) (in T. variabilis).
- trispinulosa* Dies., 1851a, 274 (s. oculi cani) (in *Canis fam. fricator*; by Gescheidt).—Addario, 1885, 145.—Bail., 1866b, 41.—Ben., 1878a, 279.—Cobbold, 1869a, 48, 62; 1873c, 92; 1879b, 304.—Dav., 1877a, cviii–cix.—Leuck., 1876b, 627.—Mol., 1858c, 402 (in C. f. f.).—Rail., 1889g, 131 (s. o. c.); 1893a, 531 (so. o. c.).—Rail. & Henry, 1913, 210.—Stoss., 1897b, 84 (72) (so. o. c.).—Verrill, 1870, 173.—Ward, 1895a, 343 (in C. f.).
- trochili* M. C. V. in Mol., 1858c, 426 (so. trochili-amethystini) (in *Trochilus amethystinus*; Brazil).
- trochili-amethystini* Mol., 1858c, 426 (in *Trochilus amethystinus*; Brazil).—Stoss., 1897b, 84 (72) (in *Calliphlox amethystina*; B.).
- trogonis-violacei* M. C. V. in Mol., 1858c, 377 (so. circumflexa) (in *Trogon aurantius*; Egenho do Cap Gama, Citade d. Matogrosso).
- tropica* Rud., 1809a, 56 (so. medinensis).
- truncata* Rud., 1809a, 59–60 (in *Tinea padella*; by Nitzsch); 1819a, 5, 214.—Assmuss, 1865, 52 (so. *Mermis albicans*).—Duj., 1845a, 66. Hope, 1840a, lxxxvi (in *Yponomeuta padella*; teste Rud.).—Linst., 1892g, 510.—Olfers, 1816a, 55.—Rosenhauer, 1847, 318–320.
- truncato-caudata* Deslgch., 1824p, 394 (in *Vanellus cristatus*; by Des.).—Dies., 1851a, 283.—Duj., 1845a, 56.—Linst., 1883a, 287; 1886c, 11.—Mol., 1858c, 427.—Stoss., 1897b, 84–85 (72–73) (in V. c.).
- truncatula* Rud., 1819a, 6, 214 (in *Phalangium cornutum*, P. opilio; by Baer).—Crep., 1846b, 159.—Duj., 1845a, 63.
- tuberculata* Linst., 1877a, 11, pl. 1 fig. 18 (s. *Spiropt. attenuata*) (in stomach wall of *Hirundo urbica*; lng.).—Stoss., 1891, 93 (so. *Disph. attenuatus*).—Also reported for *Chelidon rustica*, *Cotyle riparia*.
- tuberosa* Linst., 1906, Jan., 172 (s. *masoni* of Cast. & Willey, 1904, 79–80, pl. 6 figs. 1–6) (in *Mabuia carinata*; Colombo, Ceylon): 1907, 267 (in M. c.).—Johnst. & Cleland, 1912; 489.—Seur., 1916, 346 (so. m.).
- tulostoma* (Hempr. & Ehrenb., 1866 MS. [*Spiropt.*]) Schneid., 1866a, 80, 83, 102 (in *Vultur percnopterus*; Tor), 212.—Leuck., 1868b, 266.—Rail. & Henry, 1916, BSPe, 367 (in *Neophron percnopterus*).—Seur., 1915, 15 (so. *Habronema unilateralis*).—Stoss., 1897b, 51 (39) (in N. p.).
- turdi* M. C. V. in Mol., 1858c, 396 (so. *filiformis*) (in *Anabates rufifrons*; Cuyaba).
- turdi* M. C. V. in Mol., 1858c, 423 (so. *turdi-olivascens* (palpebralis)).—Rans., 1904a, 35 (so. t.-o. (p.)).
- turdi* M. C. V. in Mol., 1858c, 425 (so. *myothera-campanisonæ*).—Rans., 1904a, 35 (so. m.-c.).
- turdi* Linst., 1877b, 173–174, pl. 12 fig. 3 (in *Turdus iliacus*; Ratzeburg); 1879b, 327.—Stoss., 1897b, 96 (84) (to *Spiropt.*).
- turdi-atroregularis* Linst., 1883a, 288, pl. 7 fig. 20 (in *Turdus atroregularis*; Turkestan); 1886c, 13, fig. 20.—Soloviev, 1912, 112.—Stoss., 1897b, 17 (5).
- turdi-olivascens* Linst., 1878a, 90 (based on t.-o. (palpebralis) Mol., 1858c, 423) (in *Turdus olivascens*).—Rans., 1901a, 38.—Stoss., 1897b, 85, 143 (73, 131) (in T. o.; Brazil).
- turdi-olivascens* (palpebralis) Mol., 1858c, 423 (s. turdi) (in *Turdus olivascens*; Matogrosso), 446.—Rans., 1904a, 35, 38 (in T. o.; Brazil), 49.
- turdorum* Rud., 1819a, 9 (in *Turdus pilaris*, T. viscivorus; C. E. V.).—Dies., 1851a, 268 (so. abbreviata).—Mol., 1858c, 397 (so. a.).—Rans., 1901a, 31, 32.—Stoss., 1897b, 57 (45) (so. a.).

FILARIA—Continued.

- uncinata* Zed., 1803a, 37-38 (nuptæ renamed) (in Phaken. nupta; Goeze, 1782a, 127, pl. 8 figs. 4-6).—Duj., 1845a, 66.—Rud., 1804, 94; 1809a, 66 (so. acuminata).
- uncinata* (Rud., 1819) Schneid., 1866a, 83, 94-95 (in Anser dom.: Berl.), 213, 239, pl. 6 fig. 4.—Anacker, 1893i, 345 (in Gans, Ente).—A., D., & E., 1901b, 20.—Fiebiger, 1912a, 241.—Fröhner, 1915a, 260.—Hamann, 1893a, 555-557 (intermediate host; near Berl.); 1893b, 52.—Hut. & Mar., 1910b, 480 (to Disph.).—Nev.-Lem., 1912a, 829 (to D.).—Ostertag, 1899a, 420 (in geese, ducks).—Rail., 1893a, 543 (to D.).—Schlegel, 1908b, 269-311; 1909a, 169 (in d. g.).—Schneidem., 1896a, 308 (in Gans, Ente).—Wehrmann, 1909a, 228 (in canard).
- unguiculata* Rud., 1819a, 4, 209 (in Alauda arvensis; by Klug).—Crep., 1846b, 172.—Dies., 1851a, 267-268 (s. alaudæ) (in A. a.).—Duj., 1845a, 54.—Mol., 1858c, 378 (in A. a.).—Stoss., 1897b, 26 (14) (so. tricuspis); 1898, 95.
- urogalli* Linst., 1879b, 325 (in Tetrao urogallus; lng.). 1889a, 44 (in T. u.).—Stoss., 1897b, 35 (23) (in T. u.).
- vanessæ-antiopæ* Dies., 1851a, 100 (to Gord.) (based on Sieb., 1842e, 155) (in Vanessa antiopa; by Roesel) and 1843a, 83 (in V. a.; Mus. Wien).
- vanessæ-polychlori* Dies., 1851a, 101 (to Gord.) (in Vanessa polychloros; Germany, Eng.).—[Sieb., 1842e, 155, 161.]
- vanessæ-urticæ* Dies., 1851a, 101 (to Gord.) (in Vanessa urticæ; teste Hope, 1840a, lxxxvi; also teste Werner).—[Sieb., 1842e, 156, 161.]
- veneta* Stoss., 1897b, 77 (65) (in Ibis falcinellus; Padua).
- verrucosa* Mol., 1858c, 392 (in Falco swainsonii; Brazil).—Dies., 1861a, 702.—Rail. & Henry, 1916, BSPE, 367, 368 (in Gampsonyx swainsoni).—Rans., 1904a, 37; 1911 (127), 104 (to Spiropt.).—Skrj., 1915, 132, 135; 1916, 541, 546 (in F. s.) (probably to Serratospiculum).—Stoss., 1897b, 85 (73) (so. dubia).
- verrucosa* (Mol., 1860) Stoss., 1897b, 53-54 (41-42) (in Cervus dichotomus, C. nambi, C. paludosus; Brazil).
- vespæ-crabronis* Dies., 1851a, 99 (to Gord.) (in Vespa crabro; Sardinia; cf. Sieb., 1850k, 333).—Linst., 1905t, 359.
- vespertilionis* Rud., 1819a, 7 (in Vespertilio discolor; C. E. V.).—Dies., 1851a, 279-280.—Duj., 1845a, 47.—Kolenati, 1857a, 14.—Mol., 1858c, 419.—Stoss., 1897b, 85 (73) (in V. bechsteinii, V. d.).—Also reported for Vesperugo discolor.
- vesperuginis* Linst., 1885b, 243-244, pl. 14 figs. 19-20 (s. 2 Trichinae affinis pars from Plocotus auritus, Vesperugo noctula) (in V. serotinus; lng.). 1889a, 7 (in V. s.).—Mingazzini, 1900d, 142, 143, fig. 4.—Stoss., 1897b, 15 (3) (in V. s.).
- vitrei* Chiralt, 1880a, 5 (var. of oculi) (in Homo); 1882a, 476.
- viverræ* M. C. V. in Mol., 1858c, 389 (so. incrassata) (in Nasua narica; Nas Trechas, Coll. Brazil).
- vivipara* Linst., 1904f, 13 (in Corvus splendens; Colombo).
- volvulus* Rail., 1893a, 522.—Rail. & Henry, 1910, v. 3, 91 (misprint for volvulus).
- volvulus* Leuck., in Mans., 1892b, 88 (for volvulus).—Rail. & Henry, 1910, v. 3, 91.—Stiles, 1907b, 45.
- volvulus* Leuck., in Mans., 1893, 963 (s. volvulus, volvulus; in Homo; W. Africa).—A., D., & E., 1901b, 13.—Antoine, 1910, 9 fév.; 1910, v. 18 (18), Mar. 2, 157.—Assénova, 1899, 50, 52, 102, 120.—Austen, 1904, Aug., 111.—R. Bl., 1895, 783; 1899e, 524; 1900f, 289; 1905a, 537.—Bouilliez, 1916, BSPE, 163.—Braun, 1903a, 277; 1906a, 307-308; 1908a, 307; 1915a, 327.—Brit. M. J., 1901, 2091, 209.—Brumpt, 1903, 370, 372; 1904, v. 1, 43-46; 1905, Feb. 21, 148; 1910, v. 3 (2), 93; 1910a, 454; 1913a, 498, 518.—Cammermeyer, 1912, 148; 1912, CIB, 162 (case); 1912, 86.—Cast. & Chalm., 1910a, 408, 419, 448, ref. 1042.—Daniels, 1910a, 71; 1914a, 74, 127, 129, 130, 180.—Daniels & Stanton, 1907a, 117.—Fülleborn, 1908, v. 12, 1-17, 5 pls.; 1908, v. 55, 255; 1908, v. 12, 291-308, 701-702, pls. 1-5 figs. 1-27; 1909, v. 7, 310; 1909, v. 43, 346-347; 1909, v. 56, 732.—Guiart, 1910a, 450.—Hoffm. & Halberstedter, 1909, v. 196, 84-91, fig. 1, pl. 2 figs. 1-6; 1909, v. 47, 579; 1909, v. 46, 845; 1909, v. 35, 903.—Itelko, 1913, 594.—Jeanselme & Rist, 1909, 631.—Joyeux, 1913, v. 6 (10), Dec. 10, 711-714.—Koch, 1910, v. 14, 96, 100-101.—Labadie-Lagrave & Deguy, 1899a, 451-460, figs. 1-5 (Dahomey); 1901a, 141.—Leiper, 1913, 272.—Looss, 1905c, 179 (in Homo; Goldcoast, Dahomey, Sierra Leone, West Africa), 180; 1914,

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volvulus—continued.

405, 478.—Mans., 1903c, 629-630; 1904, 629; 1907, 687-689.—Neum. & Mayer, 1914a, 70, 398, 399, 400.—Nev.-Lem., 1902a, 95, 121; 1904a, 97, 124; 1906a, 304, 305, 309, figs. C-E; 1908a, 495.—Ouzilleau, 1913, v. 2 (8), Oct. 15, 426; 1913, v. 16, 307-321, 688; 1913, BSPE, v. 6, 80-88; 1914, v. 12 (2), Jan. 30, 72-73; 1914, v. 3 (2), Jan. 30, 104; 1914, MMW, v. 61, 1755-1756.—Parsons, 1909 (1908), v. 1 (4), 359-368, fig. 1.—Penel, 1905a, 10, 81, 119-124, 141, 148.—Petit, 1910, v. 3 (2), 92-93.—Plehn, 1914, 306.—Prout, 1901a, 209-211, figs. 1-3 (Sierra Leone); 1901b, 331; 1901c, 301-307, figs. 1-4; 1902a, 880.—Rail. & Henry, 1910, v. 3 (2), 91-93.—Rodenwalt, 1908c, 701-702; 1909, CfB, v. 44, 142; 1909, v. 56, 732.—Rodhain, 1915, BSPE, in 731-745; 1915, 740-742 (Congo Belg.).—Rodhain & van den Branden, 1916, BSPE, 186-198, to (*Onchocerca*).—Sl. & Sw., 1912a, 358, 359, 404.—Stiles, 1907b, 45; 1907e, 622; 1914, MM, v. 2, 306, 314 (to *Onch.*).—Stitt, 1910a, 232, 237, 312; 1914a, 264, 265, 277; 1916a, 319.—Tecce, 1908a, 933.—Verdun, 1907, 412-413.—Ward, 1903, 212, 216; 1903, 704.—Wasielewski, 1913a, 332.

volvulus Leuck. in Mans., 1893, 963 (error for *volvulus*).—Rail. & Henry, 1910, v. 3, 91.—Stiles, 1907b, 45.

volvulus Rail. & Henry, 1910, v. 3, 91 (for *volvulus*).

vuchereiri Magal. in Silva Lima, 1877a, 544.—Stiles, 1907b, 43.

vulpis Rud., 1809a, 68 (in abd. *Vulpes*; by *Camper*); 1819a, 7 (in *Vulpes*).—Dies., 1851a, 280 (in *Canis vulpes*).—Mol., 1858c, 420-421 (in C. v.), 421 (pars so. leonis).—Stoss., 1897b, 85 (73) (in C. v.).

vulturis (Mol., 1850) Stoss., 1897b, 51 (39) (in *Cathartes papa*; Brazil).—Rail. & Henry, 1916, BSPE, 367 (in *Sarcophagus papa*; B.).

websteri (Cobbold, 1879b, 433 (*macropodis-gigantei* renamed) (in kangaroo).—Fletcher, 1884 (for 1883), PLSNSW, v. 8 (3), 388 (s. *macropi-majoris*) (in *Macropus major*; N. S. W.).—Linst., 1905t, 357 (so. m.-g.).—Rail. & Henry, 1910, 251 (in *M. giganteus*; Australia).

wuchereri Silva Lima, 1877c, Sept., 395 (in *Homo*; S. America), 387-396, 481-492; 1877e, Dec., 542; 1878e, 200-215; 1878, v. 3, 106-109, 385-391.—R. Bl., 1895, 771-777 (so. *bancrofti*).—Bourel-Roncière, 1888a, 113, 135.—Braun, 1903a, 264; 1908a, 296; 1915a, 308.—Brumpt, 1910a, 435; 1913a, 498.—Cast. & Chalm., 1910a, 408; 1913a, 523.—Cobbold, 1878h, 361 (so. b.), 365; 1878, v. 3, 189-190; 1878, v. 2, 223.—Dungl., 1893a, 440; 1900a, 440 (so. *sanguinis*).—Giraud (1886a).—Huber, 1894a, 272; 1896a, 604 (so. s. *hominis*).—Magal., 1877a, 542, 543, 545; 1877b, 29-34; 1878h, 589-596; 1878i, 453-460; 1879c, 220-230; 1879d, 310-316; 1879e, 537-546; 1881b, 107-118 (in Cobbold, 1880, 79).—Mans., 1907, 4 ed, 596 (*wuchereri*).—Moniz, 1913, Bm, v. 27, 203-206.—Penel, 1905a, 11 (so. b.), 13.—Rail., 1893a, 515 (so. b.).—Silva Araujo, 1878c, 106-109 (in H.; Bahia); 1878e, 470-471; 1878h, 385-391.—Simon, 1897, 97; 1907a, 191; 1911a, 130.—Sl. & Sw., 1912a, 348.—Sons., 1896, 322.—Stiles, 1907b, 43.—Stoss., 1897b, 19 (7) (so. b.).—Ward, 1895, 320, 331 (so. b.); 1903, 213 (so. b.).

wuchereria Felicio dos Santos, 1877a, 137 (in *Homo*; Rio de Janeiro); 1877a, 539 (same as *wuchereri*) (*elephantiasis of scrotum*; R. de J.).—Magal., 1877a, 539.—Silva Araujo, 1877a, 539.—Stiles, 1907b, 43; 1907e, 615; 1914, MM, v. 2, 307.

wucheri Cast. & Chalm., 1910a, 1186; 1913a, 1683 (for *wuchereri*).

wucherii Fayrer, 1879b, 189 (for *wuchereri*).—Stiles, 1907b, 44.

wuchereri Mans., 1907, 4 ed, 596 (for *wuchereri*).

wymani Leidy, 1882b, 109 (in *Plotus anbinga*; Florida); 1886e, 310 (so. *helecinai*); 1904a, 162, 190.

xenopsis M. C. V. in Mol., 1858c, 398 (so. *obtusum*) (in *Xenops* sp. incerta; Marabitanas).

yaba Connal, 1912, 231-232, figs. C, D (in *Centropus senegalensis*; Lagos).

zebra Mongrand, 1852a, 63-64 (in *Homo*; Brest).—R. Bl., 1889d, 706.—Cast. & Chalm., 1910a, 407; 1913a, 522.—Guiart, 1910a, 593.—Moq.-Tand., 1860a, 388 (fibrinous coagulum).—Stiles, 1907b, 51 (in H.).—Verdun, 1907, 13.

zenis-fabri Rud., 1819a, 11 (in *Zeus faber*; C. E. V.).

zschokkei Meyer, 1896b, 55-69, figs. 1-9 (in *Manis pentadactyla*; Ceylon); 1896c, 627-628; 1897a, 94-95.—Linst., 1906, 171 (in M. p.).

FILARIADÆ Baird, 1853a, 4.—Braun, 1883a, 160, 181.—Klebs, 1887a, 478.—Leuck., 1876a, 609-611.—Par., 1887, 358.—Stiles, 1907b, 38.

FILARIADEA [nv.].—Cast. & Chalm., 1910a, 406 (for Filariadæ: so. Filariidæ); 1913a, 521.

Filariasis.

(ANNAM) Bauche & Bernard, 1912, BS*Pe*, v. 5 (8), 622-624.

(BERLIN) Wernich, 1895b, 620-630, figs. 52-58.

(BRAZIL) Froes, 1906, B*m*, v. 20, 63, 75.

(CALCUTTA) Pease, 1906a, 414-416; 1907d, 252-254 (simulating dourine).

(FRANCE) Brumpt, 1910a, 441.—Brumpt & Wurtz, 1904, 567-571.—Trasbot, 1877a, 388.

(GEORGETOWN AND DEMERARA) Low, 1901a, 1-24.

(KÖNIGSB.) Braun, 1896f, 20-21.

(KRISTIANIA) Horne, 1909, NVT, v. 21 (11), 302-306, figs. 1-2.

(LIVERPOOL) A., D., & E., 1901b, 1-92, fig. 1.

(PARIS) R. Bl., 1893z, 446-447; 1905a, 536.—Bouilleux, 1916, BS*Pe*, 163-165.—Hamon, 1905, Caducée, v. 5 (1), 11.—Lorentz, 1890a, 1-70.

(TORINO) Aguzzi, 1907, Dv, v. 1, 731-732.—Cagny & Gobert, 1907, Dv, v. 1, 730-731, figs. 838-842.

(TOULOUSE) Darmagnac, 1911, RgMv, v. 18, 395-397, 1 fig. (symptoms of dourine).

(THE TROPICS) Ziemann, 1905z, 420-424, figs. 1-2; 1905aa, 615; 1905bb, 238; 1905cc, 333-334; 1905dd, 773-774; 1905ee, 614; 1905ff, 634; 1905ll, 84; 1905mm, 1409; 1905oo, 272; 1906c, 191-192.

(TURKESTAN) Yakimov & Schokhor, 1914, BS*Pe*, v. 7, 188-189.

(UGANDA) Bruce, Nabarro, & Greig, 1904, 613.

(MISCELLANEOUS) Breinl, 1914, 7-8.—Bruce, Nabarro, & Greig, 1904, 538-539.—Göldi, 1913, 137, 141.—Shaw, 1901, 1028.

And mosquitoes: (DEUTSCHLAND) Fülleborn, 1907, AST, v. 11, 635-643 (Anoph-
eles, Stegomyia); 1908, AST, v. 12 (8), 309-352; (9), 1-36; (10), 1-30.

(PARIS) R. Bl., 1895, 746; 1900f, 280-291, pl. 6 figs. 1-7; 1904, 9; 1905a, 525.—Noel, 1902b, 161-163.

(ROME) Grassi, 1901n, 941-948.—Grassi & Noè, 1900a, 157-162; 1900b, 1306-1307; 1900c, 652-657; 1901a, 4; 1904, 6.—Noè, 1900a, 357-362, figs. 1-3; 1901a, 317-319; 1901c, 536; 1902a, 120-121; 1902b, 437; 1904f, 7.

Filariasis in dog.

(DEUTSCHLAND) Lemke, 1909, TR, v. 15 (24), 185; 1909, M*W*, v. 53 (33), 591-592 (Fil.-Räude).—Saisawa, 1912, CfB, v. 67, 68-75, pls. 1-2, fig. 1.

(FRANCE) Cadéac, 1897a, 582-584; 1897, C*v*, v. 20 (48), 568; 1898a, 401-402.—Panthot, 1879a, 270-271, figs. 1-4 (heart).—Renault, 1835a, 7.—Roger, 1906k, 119-120; 1906l, 267.

(INDIA) Gaiger, 1911, JTVS, v. 6 (3), 292-296 (extra-ocular).

(ITALY) dell'Acqua, 1906, C*v*, 246-253; 1906, D*W*, v. 14 (44), 546-547; 1906, 81-82; 1906, AMv, v. 55 (8), 472-473; 1907, RgMv, v. 10 (119), 607-608; 1908, JTVS, v. 3 (2), 267-268; 1908, *ibid.*, v. 3 (3), 410-411.

(U. S. A.) Woods, 1886a, 100-103.

Cardiac: (FRANCE) Caillot, 1909, RMv, v. 86, 372-373; 1909, AMv, v. 58 (10), 597; 1909, AVR, v. 36 (1), 69.—Rail, 1892s, 371-374.

(U. S. A.) Earl, 1880a, 23.

Cases: (ALGERIA) Mellis, 1903a, 184-185 (fatal); 1903b, 336; 1903c (d), 130-131, 1905a, 504.

(BOLOGNA) Bonvicini, 1910, T, v. 49 (3), 59-61.

(FRANCE) Bauche & Bernard, 1911, BS*Pe*, v. 4, 478-482.—Galeb & Pourquier; 1877a, 271-273 (congenital infection).

(GR. BRIT.) Mather, 1843a, 434-436 (in intestine).

(LAKE CITY, FLA.) Dawson, 1902a, 507; 1903a, 69; 1903, JMVZ, v. 54, v. 7, 725.

(PHILA.) Vet. Mag., 1896, v. 111 (1), 51.

Filariasis in dog—Continued.

Cases—continued.

(PORTUGAL) Nogueira, 1886a, 666–667.

(U. S. A.) Earl, 1880a, 23.

(WETZLAR) Thierarzt, 1903, v. 42 (8), 174 (fatal).

Cutaneous: (CALCUTTA) Mitter, 1910, JTVS, v. 5 (3), 411–413, pls. 33–34; 1910, VJ, v. 66, 668–670.

(FRANCE) Bernard & Bauche, 1913, BSPE, v. 6, 89–99, figs. 1–9 (*Dirofil. repens* and *Stegomyia fasciata*).

(ITALY) Rivolta, 1868f, 300; 1869a, 476; 1869h, 75.

Haematic: (BRAZIL) Lavault, 1896a, 162–163.

(BUDAPEST) (immitis, in dog) Fettick, 1899a, 245–250.—Hut. & Mar., 1913a, 929.—Ratz, 1899c, 177–178.—RMv, 1896, v. 73, 67, 162–163.—Veterinariis, 1896, v. 19, 161.

(FRANCE) Galeh & Pourquier, 1877a, 271–273 (in fetus).—Gruby & Delafond, 1843a, 325–326; 1843b, 381–382; 1843c, 265; 1843, AMNH, v. 11, 403–404; 1844c, 687–688; 1845a, 216–217; 1848a, 67–68; 1852a, 1–15; 1852b, 9–14; 1852c, 36–37; 1852d, 11–12; 1852e, 233–238; 1854a, 33–35.—Legros & Mathieu, 1873, CrSB, 296.—Mathieu, 1874a, 296.—Panthot, 1679a, 270–273 figs. 1–4 (in dog's heart).

(LAKE CITY, FLA.) Dawson, 1902a, 507; 1903a, 69; 1903, JMVZ, v. 54, v. 7, 725.

(MILAN) Zibordi, 1910a, 684–689, 697–704; 1910, Cv, v. 33 (45), 713–717; (46), 734–740.

(PHILA.) Vet. Mag., 1896, v. 111 (1), 51.

(PORTUGAL) Nogueira, 1886a, 666–667.

Filariasis in horse.

(AMES, IOWA) Repp, 1903a, 248; 1903b, 219–220 (peritoneal).

(BENI-ABBES, SAHARA-ORANAIS) Vialatte, 1916, BSPE, v. 9 (7), 482–483.

(CALCUTTA) Argyle, 1910, JTVS, v. 5 (1), 96–100.

(COLCHESTER) Wilson, 1880a, 170–172 (cutaneous hemorrhage).

(DEUTSCHLAND) Mandel, 1910, CfB, v. 57, 84–87, fig. 1 (blood); 1911, VN, v. 8, 247.—Wirth, 1911, ZIpKHH, v. 10, 161–174, pl. 1; 1912, *ibid.*, v. 12, 295–298; 1914, *ibid.*, v. 15, 135–138.

(FRANCE) Drouet, 1908, RgMv, v. 12, 553–568, fig. 1; 1908, JCPT, v. 21 (4), 363–369; 1909, Av, v. 5 (6), 364–366; 1909, DtW, v. 17 (34) 501–502.—Drouin, 1902a, 654–660; 1903a, 176–177; 1903b, 11–12; 1903c, 31–32; 1903d, 72–73; 1903, JLGVM, v. 22, 110–116; 1903, CfB, v. 33 (13–14), 413–414; 1904, Cv, v. 27 (3), 19.—Huguier, 1904, RMv, v. 81, 469–471; 1904, JCPT, v. 17 (3), 264; 1907, AMv, v. 56 (6), 353–354; 1908, JTVS, v. 3 (1), 137.

(GR. BRIT.) Bovett, 1861a, 515 (in an ulcer).—Dupuy & Prince, 1835a, 570–571.—Place, 1915, VR, v. 28, 120–125 (flies).

(ITALY) Baruchello, 1889a, 221–231; 1891a, 17–20.

(NETHERLANDS) Ten Broeke, 1905a, 255–257 (and cattle); 1905b, 162; 1905c, 353–354; 1905d, 47; 1905e, 334–335.

(PHILIPPINES) Harrington, 1913, AVR, v. 43 (1), 87–89.—Mitzmain, 1915, AJTD, v. 2 (12), 759–763, pl. 27 (*Stomoxys calcitrans*).

(STUTTGART) Kitt, 1891a, 433–454, figs. 1–3.

(TURKESTAN) Yakimov & others, 1914, BSPE, v. 7, 189–192; 1915, ZIpKHH, v. 16, 275–286.

(WIEN) Wedl, 1848b, 261–263.

—, Suspensory ligaments of the pastern joint: (FRANCE) Billet & Fayet, 1907, BSMv, 377 (*Eosinophilia*): 1907, CrSB, v. 63 (25), 79–80, 1908, AMv, v. 57 (2), 103; 1908, RgMv, v. 12, 633–634.—Fayet, 1907, BSMv, v. 84 (22), 536–537 (treatment); 1908, Rv, v. 65, v. 33 (1), 38; 1908, JTVS, v. 3 (3), 414–415.—Pader, 1900a, 560–561; 1900b, 234; 1901b, 58–95, figs. 1–20; 1902a, 324; 1902b, 695; 1904a, 648–652; 1904b, 651–652; 1904c, 646; 1904d, 215; 1904e, 246; 1904f, 117–118; 1907a, 162; 1907b, 446; 1907c, 288–289.—Schneid. & Fayet, 1909a, 359–361.—Schneid., Fayet, & Moreau, 1909a, 1–10, figs. 1–4; 1909b, 128–129; 1909c, 273–276; 1909d, 295–297; 1909e, 290–291; 1909, Rv, v. 34 (12), 785–786.

Filariasis in man.

- (AUSTRALIA) Flynn, 1903a, 248-251; 1903b, 524. —McLean, 1910, AMG, v. 29, 234.
- (BAHIA) Magal., 1879b, 69-71.—Paterson, 1878a, 529-536; 1879d, 401-406; 1880a, 14-20.—Silva Araujo, 1875a; 1876a; 1878b, 49-54.
- (BALTIMORE) Simon, 1907a, 191; 1911a, 130, 598.
- (BRAZIL) Monteiro, 1908, Tm, v. 14, 99.—Silva Lima, 1876a, 107-109.
- (BRIT. GUIANA) Daniels & Congers, 1896a, 42-61 (elephantiasis).—Edmonds, 1902a, xi-xii.
- (BRUXELLES) Van Campenhout & Dryepondt, 1901, JmB, v. 6, 420-424.
- (CALCUTTA) Lewis, 1875e, 613-615.
- (CALIFORNIA) Wellman, 1908i, 118.
- (CANAL ZONE) Carter, 1909, PCZMA, v. [1], 188-189.—Darling, 1909, PCZMA, v. [1], 175-178.—Deaks, [1909], PCZMA, v. [1], 188.—Herrick [1909], PCZMA, v. [1], 179-183.
- (CHARLOTTENBURG) Ziemann, 1906, HdT, v. 3, 269-557; 1913, AST, v. 17 (14), 469-493 (Gewebsentzündung).
- (DEUTSCHLAND) Bockhorn, 1915, MK, v. 11, 1029-1031 (in Russian prisoners).—Küelz, 1914, AST, v. 18 (5), 164-166.—Martens, 1908, DmW, v. 34 (40), 1747-1748.—Rodenwaldt, 1909, DmW, v. 35 (4), 143-144; 1909, Cfr, v. 43 (9-12), 345-346; 1915, MK, v. 11, 1212 (in Russian prisoners).—zur Verth, 1908a, 1550; 1908d; 1747-1748; 1908e, 2113-2114; 1908f, 2627; 1909a, 447; 1909b, 76; 1909c, 345; 1909d, 345-346; 1909e, 297; 1909f, 173.
- (DUTCH INDIES) Salm, 1906b, 537-557, pl. 1 figs. 1-4; 1907a, 599.
- (EDINB.) Nutt., 1900d, 463-485, pls. 1-2.
- (EGYPT) Looss, 1905c, 148; 1914, HdT, v. 2, 371, 378 (Neubildungen), 432, 444, 445f (Lymphdrüsen, Lymphgefäßerkrankung), 470, 475, 476, 477.
- (GR. BRIT.) Bahr, 1914, TICM, sect. 21 (2), 295; 1914, AST, v. 18, 849-850; 1914, TDB, v. 4 (3), 133.—Cast. & Chalm., 1910a, 8, 414, 497, 802, 815.—Dutton, 1901a, 612-613; 1901b, 409-411; 1901c, 272.
- (HABANA) Grau San Martin, 1911, CmqH, v. 37, 252-256.
- (INDIA) Calvert, 1903, IMG, v. 38 (5), 180.—Clayton, 1909, IMG, April; 1909, BOiHp, v. 1 (6), 508.—Maitland, 1895a, 609-615; 1895b, 86-88; 1895c, 275; 1895d, 99-103.
- (JAPAN) Miyake, 1908, ZHI, v. 59, 351-361, pl. 2 figs. 1-7.—Scheube, 1883a, 2123-2138.—Tanaka, 1907a, 1305; 1908a, 600-615; 1909a, 175-176.
- (LISBON) Silva Amado, 1873a, 151-153.
- (LOND.) Low, 1905a, 297-300; 1908, H, v. 44, 123.—Low & others, 1913, BMJ, v. 2, 1298-1302.—Mans., 1880d, 891; 1881c, 13-15; 1881d, 10-11; 1881e, 615-616; 1881f, 347; 1882g, 1-16, fig. 1 charts 1-3; 1883a, 176-177; 1893c, 738-851, figs. 51-78; 1895b, 62-77; 1902, TD, 545-604; 1904k, 72-73; 1904s, 148; 1904aa, 139; 1904, TD, 545; 1907, TD, 594-649.—Pearse, 1904a, 595-597, fig. 1.—Primrose, 1903, 1262-1265.—Prout, 1908, L, v. 174, 938; 1908, TSTMH, v. 1, 152-193.—Young, 1897a, 1037-1039.
- (MARYLAND) Marden, 1915, Maryl. MJ, v. 58, 1-8.
- (MONTPELLIER) Vermeil, 1904a, 1-57.
- (NEW YORK) Kingsbury, 1911, JCDS, v. 29, 357. —NYMJ, 1892, v. 1, 494.
- (OXFORD) Osler, 1912, 305-307.
- (PARIS) Barth, 1881a, 677-690; 1884c, 669-677.—Guiart, 1910a, 454, 522, 551.—Lancereaux, 1888c, 343-378, figs. 1-5; 1897a, 9-19.—Marie, 1897a, 490-500.—Moty, 1891a, 71; 1892a, 1-32; 1892b, 414; 1892c, 301.—Nature, 1911, v. 39 (1), 106-107.—Nev.-Lem., 1904a, 205.—Penaud, 1906a, 279-280.—Texier, 1904a, 102-104; 1904b, 363; 1905a, 522.—Zune, 1893a, figs. 1-8, pls. 1-6.
- (PETROGRAD) Schultz, 1913, RV, v. 12, 662-665.
- (PHILA.) Riesman, 1904a, 565.
- (PORTO RICO) Martinez Alvarez, 1916, BAmPR, v. 13 (110), 17-21, 2 charts; 1916, TDB, v. 8 (3), 203.
- (ST. LOUIS) Thornton, 1908a, 655-671.
- (SIENA) Memmi, 1903a, 447-450.

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- (SIERRA LEONE) Prout, 1908a, 109-115; 1908b, 938; 1908, JTMH, v. 11 (8), 127; 1908, L, v. 174, 1552-1553; 1908, JTMH, v. 11 (11), 170-177; 1908, BIP, v. 6 (15), 690-691; 1908, TSTMH, v. 1, 152-193.
- (TORINO) Sons., 1882, MTG; 1883, TES, v. 1, 148-155.—Tabusso, 1908a, 213-215; 1908b, 112-113.
- (U. S. A.) Cunningham, 1906, AS, v. 44, 483-518; 1906, JAMA, v. 47 (20), 1683.—Johns., 1914, NYMJ, v. 100 (25), 1241.—Smith & Rivas, 1915, PPS, v. 17, 60.—Stitt, 1914a, 262, 265, 266, 267, 268, 269, 270, 271, 275, 346, 376, 380, 394, 395.—Ward, 1906k, 370-371; 1906l, 511-513.
- (WASH., D. C.) Bigelow, 1880a, 269-270.
- (MISCELLANEOUS) F., S. & T., 1916a, 755.—Fröhner, 1915a, 432.—Goodhue, 1906, 1584.—Jeanselme & Rist, 1909, 601, 607, 609, 611, 612, 613, 627.—Musser, 1913a, 532.—Nichols & Phalen, 1908, 364-367.—Phalen & Nichols, 1908, 462-466.—Plehn, 1914, HdT, v. 2, 306 (Neubildungen).—Renaux, 1911, DmW, v. 37 (26), 1240.—Roger, 1908, 137 (granular estival).
- Abscesses: (DEUTSCHLAND) Plehn, 1914, HdT, v. 2, 306.
- (EGYPT) Looss, 1905c, 153; 1914, HdT, v. 2, 452, 477.
- (LOND.) Mans., 1903e, 573.
- (S. CHINA) Maxwell, 1901b, 609-612, charts A-C; 1901c, 395-399, charts A-C; 1901d, 271-272; 1901e, 512.
- Accidents: (FRANCE) Lancereaux, 1890b, 438-441; 1890, Sem. méd., v. 10 (19), 150-151.
- Adenitis of the Triangle of Scarpa: (MARSEILLE) Zwirn & Bonnal, 1912, Marseille méd., v. 49, 440.
- Adenolymphocoele: (BORDEAUX) Demons, 1896a, 339-343.—Nabias, 1896a, 343-351.—Sabrazès, 1896a, 351-358, figs. 1-2.
- (FRANCE) Le Dentu, 1907, 1-126.
- (PARIS) Marie, 1898a, 807-809.—Schwartz, 1898a, 804-807, fig. 1.
- "Barbados leg": (GR. BRIT.) Ozzard, 1902, 28.
- Blood, condition of: (AUSTRALIA) Bancroft, Jackson & Bancroft, 1894a, 6 (increase of white corpuscles).
- (CANAL ZONE) McLean, 1909, PCZMA, v. 1, 184-186.
- (DEUTSCHLAND) Schill.-Torgau, 1914, HdT, v. 2, 143.
- (EDINB.) Gulland, 1902a, 831-832; 1902b, 881; 1902c, 402; 1902, BMJ (2153), 531-532; 1903a, 1245-1246; 1903b, 277-278; 1903c, 735.
- (EGYPT) Looss, 1905c, 154 (leucocytosis).
- (GR. BRIT.) Castor, 1903, JTM, v. 6 (17), 277-278.—Coles, 1902a, 1137-1138; 1902b, 914; 1902c, 955; 1902d, 787; 1902e, 993.
- (PARIS) Wurtz & Clerc, 1905a, 260-266, fig. 1.
- (U. S. A.) Calvert, 1902a, 23-24; 1902e, 1523-1525; 1902f, 980; 1902g, 989; 1903, CfB, v. 33 (13-14), 414.
- Blood, eosinophilia: (CONSTANTINOPLE) Remlinger, 1902a, 1145-1146; 1902b, 295-296.
- (EDINB.) Gulland, 1902a, 831-832; 1902b, 881; 1902c, 402; 1903a, 1245-1246; 1903b, 277-278; 1903c, 735.
- (LOND.) Low, 1912, JTMH, v. 15 (3), 38-39.—Whyte, 1909a, 175-183, 1 map; 1909b, 175; 1909c, 600-601; 1910a, 97.
- (PARIS) Brochard, 1910, BSPe, v. 3 (9), 609-613, 1 table; 1910, Pm, v. 18 (98), 925.—Livon & Penaud, 1906, CrSB, v. 61 (35), 510-512; 1907, BIP, v. 5 (2), 83; 1907, JTVS, v. 2 (2), 244-245.—Marotte & Morvan, 1913, CrSB, v. 75, 241-243; 1913, AMCVS, v. 6 (10), 661-670.—Nattan-Larrier, 1907, RMHt, v. 4 (3), 129-142; 1907, Caducée, v. 7 (22), 306.—Nattan-Larrier & Parvu, 1909, BkW, v. 46 (24), 1143 (phagocytaire Tätigkeit); 1909, AMCVS, v. 2, 635-649, pls. 1-2; 1910, BIP, v. 8 (14), 635-636.—Sicard & Blais, 1902a, 1427-1428; 1905a, 38.—Sorel, 1911, BSPe, v. 4, 205-206.—Vaquez & Clerc, 1902a, 1425-1426.—Wurtz & Clerc, 1904a, 1704-1705; 1904b, 72; 1904c, 194.
- (U. S. A.)—Calvert, 1902b, 133-136; 1902c, 167; 1902d, 153.

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Cases: (BERL.) Bockhorn, 1915, MK, v. 11 (37), Sept. 12 (in blood).

(BOSTON) Brown, 1903, BMSJ, v. 149, 520; 1903, MR, v. 64 (12), 474.—Councilman, 1900a, 758-759; 1900b, 843.—Lothrop & Pratt, 1900a, 275-303, pls. 1-3 figs. 1-9; 1900b, 525-553, figs. 1-10; 1902a, 373.

(BRAZIL) Magal., 1878, 589-596; 1878i, 453-460.

(BRIT. NEW GUINEA) Seligmann, 1901a, 308.

(CANAL ZONE) McLean, 1909, PCZMA, v. 1, 184-186.

(DEVONSHIRE) King, 1913, BMJ, v. 1, 1108.

(EDINB.) Burrows, 1910, JTMH, v. 13 (2), 25 (Fil. diurna).

(EUROPE) R. Bl., 1905a, 535-536.—Font y Torné, 1894a, 44-45; 1894b, 393; 1894c, 97-106; 1894d, 85-86.—Lacava, 1916, Malaria, v. 7, 221-225, pl. 1.

(FEZ, MOROCCO) Verdon, 1904a, 197-198; 1905a, 182.

(FLORIDA) Anderson, 1896, Sept.

(FRANCE) Lancereaux, 1888a, 864-870; 1888b, 630-631.—Livon & Penaud, 1906, CrSB, v. 61 (35), 510-512; 1907, BIP, v. 5 (2), 83; 1907, JTVS, v. 2 (2), 244-245.

(GR. BRIT.) Crawford, 1898a, 1618-1619; 1898b, 505; 1898, IMR, v. 15, 51-53; 1898, GmdB, v. 1 (12), 544-551.—Fleming, 1908, BMCJ, v. 26, 139-142 (with abscess).

(ILES DE LA SONDE) Salm, 1913, Caducée, v. 13 (15), 205; 1913, TBD, v. 2 (8), 421.

(INDIA) Chatterjee, 1906, L, v. 171, 499-500, fig. 1; 1906, DmW, v. 32 (36), 1468; 1907, CfB, v. 40 (13-14), 401.

(INDIANA) Austin, 1902, MSM, v. 5, 342-343; 1902, JAMA, v. 39 (19), 1215.

(INDOCHINA) Noc, 1908, BSPe, v. 1 (6), 369-373, fig. 1; 1908, Pm, v. 16 (48), 382; 1908, BIP, v. 6 (15), 692; 1909, RdH, v. 31 (5), 487; 1909, CfB, v. 44 (5), 141-142.

(LOND.) Bancroft, 1878a, 407-417, figs. 17-19; 1879a, 698.—Brohier, 1915, Rpt. Accra Lab., 27-29 (enteritis, fatal); 1917, TDB, v. 9, 275-276.—Eve & Barnard, 1899a, 1362-1363, figs. 1-2.—Maitland & Mans., 1894a, 844-846, figs. 1-6; 1894b, 499-507, pls. 1-2.—Mans. & Godlee, 1902a, 209-210; 1902b, 668.

(LUBLINITZ) Monschel, 1860a, 83-87.

(LYON) Genet, 1901-2 (57), 1-58.

(MADRAS) Maitland, 1889a, 9-11; 1894a, 57-58; 1902e, 313-314.

(MARYLAND) Lockwood, 1903a, 367-370, figs. 1-2; 1903b, 353.

(MISSOURI) Grindon, 1908, JMSMA, Sept.; 1908, JAMA, v. 51 (19), 1642; 1908-9, JMSMA, v. 5, 129-135.

(NEW CALEDONIA) Lebœuf & Javelly, 1911, BSPe, v. 4, 202-204.

(NEW YORK) Flint, 1895a, 737-739.

(PARIS) Bonnel, 1912, Caducée, v. 12, 53; 1913, CfB, v. 56 (5-6), 154.—Goubeau, 1912, RM, v. 22, 98-100.—Japhet, 1892a, 1-7.—Lab., 1888d, 881-882.—Laveran, 1893l, 738-746; 1916, Pm, v. 24 (55), 441.—Maille, 1913, AMPn, v. 99, 462-466; 1914, AST, v. 18 (19), 674; 1914, CfB, v. 61 (4), 121.—Marchoux, 1910, BSPe, v. 3 (9), 613-616.

(PETROGRAD) Schultz, 1913, CfB, v. 71, 410-419, fig. 1.

(PHILA.) Leidy, 1880c, 130-131, figs. 1-2.

(TOULOUSE) Baur & Cervera, 1914, Rv, v. 71, v. 39 (11), 644; 1914, Pm, v. 22; (51), 491.

(WASH., D. C.) Lyon, 1917, JAMA, v. 68, 118-119 (1-12).

Cases, fatal, autopsy: (CHICAGO) Armstrong & Mullally, 1914, SG&O, v. 19, 699-704; 1914, JAMA, v. 64 (2), 181.

Chyliform pleurisy: (FRENCH COLONIES) Mille, 1906, RMH, v. 3 (2), 58-61 (guéri par l'empyème).

Chylocele: (BRAZIL) Magal., 1881b, 107-118.

(EGYPT) Looss, 1905c, 153.

Chylous dropsy: (LONDON) Mans., 1903e, 593, 597.

Chylous hydrocele: (LOND.) Eve & Barnard, 1899a, 1362-1363, figs. 1-2.

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- Chyluria: (BRAZIL) Havelburg, 1882a, 365-376, pl. 11.—Moncorvo, 1904a, 802-809.—Moura, 1877a.—Silva Lima, 1877c, 481-492, pl. 1; 1877d, 439-448; 1878d, 88-96; 1878e, 200-215.
- (BROMLEY, KENT, ENG.) Smith, 1902a, 376.
- (EDINB.) Collett, 1893a, 243-244; 1893, GmdB, v. 4 (9), 383-386.
- (EGYPT) Looss, 1905c, 152, 153.
- (EUROPE) Biondi, 1903, ArALincei, v. 12 (1), 538-539; 1903, BIP, v. 1 (18), 696; 1904, 649-650.
- (FRANCE) Nattan-Larrier, 1906e, 601-603; 1906f, 716 (cytodiagnostic des urines).
- (HYDERABAD) Lawrie, 1891a, 364-365 (thymol treatment).
- (ÎLES DE REUNION ET MAURICE) Nativel, 1886a, 1-76.
- (INDIA) Lewis, 1872c, 241-260, figs. 1-3; 1872d, 1-50, figs. 1-3; 1872e, 889-890; 1873a, 52-54; 1873b, 120-121; 1873c, 217-219; 1873d, 325-328, figs. 1-3; 1873e, 540-541; 1874a, 504-549; figs. 1-3; 1874b, 5-53, figs. 1-3; 1874c, 133.
- (KJØBENHAVN) Pontoppidan, 1879a, 41-44, fig. 1.
- (LEIPZIG) Ackermann, 1865, DAKM, v. 1 (1), 127-132.
- (LONDON) Makuna, 1879a, 286.—Mans., 1901i, 281.
- (NEW YORK) Abbe, 1879, 354-355.—Flint, 1895a, 737-739.—Kaliski, 1911-12, AJU, v. 7, 429-437; v. 7 (11), 417-458 (unilateral).—Pilcher & Pilcher, 1911, MR, v. 79 (10), 434, fig. 1.
- (TAHITI) Chassaniol & Guyot, 1878a, 61.
- (U. S. A.) Guiteras, 1886a, 399-402.
- , cases: (ALLAHABAD) Deakin, 1882a, 88-89.
- (BOSTON) O'Neil, 1908, BMSJ, v. 158, 116-119.
- (BRAZIL) Silva Araujo, 1877a, 492-504; 1878d, 200-215; 1879d, 455-465.
- (CONSTANTINOPLE) Remlinger & Hodara-Bey, 1902a, 574-584; 1902b, 299-308; 1903a, 217-225; 1903b, 66; 1903c, 486; 1904a, 32; 1905a, 38.
- (GUADELOUPE) Venturini, 1880, Jan., 56.
- (LONDON) Daggett, 1896a, 1706.
- (MANILA) McDill & Wherry, 1904b, 907.
- (PHILA.) Henry, 1896c, 96-109, figs. 1-6; 1896d, 477-482, figs. 1-6; 1896e, 1-20; 1896f, 619-620; 1896g, 667; 1896i, 317-318.
- (TAHITI) [Alquier, 1903, AHMc, v. 6 (2), 316-319.]
- Cirrhosis of the liver: (JAPAN) Wakii, 1905a, 1115-1124.
- Colic, in a woman: (PARIS) Audain, 1906, Lm, v. 10 (1), 21-22.—Mathon, 1906a, 1-20.—Ricot, 1906b, 59-62 (simulating appendicitis).
- Craw-craw: (BRAZIL) Ferrari, 1905, RmcB, Nov.: 1906, BIP, v. 4 (4), 167.—Silva Araujo, 1877a, 492-504; 1878d, 200-215; 1879d, 455-465.
- (LONDON) O'Neill, 1875a, 265-266, fig. 1.
- Diagnosis: (HAMBURG) Fuëlleborn, 1913, ICHD, (15), v. 5 (2), 696-697 (differential, of species).
- (U. S. A.) Rivas, 1912, MR, v. 82 (6), 275.—Rivas & Nichols, 1913, NYMJ, v. 97 (4), 212-213.—Rivas & Smith, 1912, SMJ, v. 5 (9), 631-634; 1912, JAMA, v. 59 (19), 1747.
- Epidemics: (SENEGAL) Blanchard, 1911, DmW, v. 37 (10), 472.
- (TOMBOUCTOU) Talairach, 1907a, 377-378.
- Etiology: (HAITI) Audain, 1900b, 43-46.
- (INDIA) Maitland, 1900a, 537-538; 1900b, 49-50; 1900c, 357; 1900d, 533; 1901a, 40; 1904a, 8.
- (U. S. A.) Dutcher & Whitmarsh, 1915, AJTDPM, v. 3 (2), 69-74.
- Fever: (EGYPT) Looss, 1914, HdT, v. 2, 466.
- (LOND.) Granville, 1882a, 314.—Mans., 1882d, 289-290.
- Galacturia: (S. AMERICA) Ackermann, 1863, 221-224, 233-237.
- Genital organs: (BRIT. GUIANA) Wise, 1909b, 276-277; 1910b, 96 (spermatic cord).
- (HAITI) Audain, 1894, 1-82; 1899, 1-36; 1900a, 29-34.

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(LOND.) Leiper, 1911, JTMH, v. 14 (7), 110-111 (scrotal).

(PARIS) Morestin, 1908, Pm, v. 16 (40), 316 (tunica vaginalis).

Geographic distribution: (AFRICA) Brumpt, 1904, CrSB, v. 56, 758-760; 1904, BIP, v. 2 (11), 473; 1904, CPA, v. 15 (14), 581.—Livingstone, 1858b, in 9-440.

(AFRICA, BRIT. CENTRAL) Daniels, 1901c, 193-194; 1901, IMG, v. 36, 307.

(AFRICA, FRENCH WEST) Hudellet, 1914, AHMc, v. 17 (1), 115-123; 1914, TDB, v. 4 (3), 124.

(AFRICA, GERMAN EAST) Grothusen, 1913, MBdS, 84-85.—Manteufel, 1913, MBdS, 84.—Marshall, 1913, MBdS, 250-251.—Wüenn, 1913, 301.

(AFRICA, W. COAST) Prout, 1902, 879.

(ALGERIA) Cazanove, 1912, AHMc, v. 15, 555-593.—Legrain, 1898a, 151-152.—Marotte & Morvan, 1913, AMPm, v. 61, 1-66 (au bataillon de Sénégalais); 1913, TDB, v. 2 (2), 87-88.

(L'ARCHIPEL DES COMORES) Rouffiandis, 1910, BSPE, v. 3 (3), 145-152.

(L'ARCHIPEL WALLIS) Brochard, 1910, BSPE, 9 mars; 1910, Pm, v. 18 (24), 207.

(BAGANDA) Cooke, 1902a, 245-248; 1902b, 661.

(BAMAKO) Leger, 1912, BSPE, v. 5, 618-622; 1914, AHMc, v. 17 (1), 77-81; 1914, TDB, v. 4 (3), 125.

(BARBADOES, W. I.) Low, 1901d, 283-285; 1901e, 687-689; 1902b, 38; 1902c, 1472-1473; 1902d, 10; 1902e, 786; 1902f, 258; 1905c, 37.—Siler, 1915, AJTDP, 60-61.

(BOMBAY) Powell, 1908, JTMH, v. 11 (18), 282.

(BRAZIL) Padilla, Semana med., v. 22 (38); 1916, JAMA, v. 66 (6), 464; 1916, JTMH, v. 19 (6), 71.

(BRISBANE) JTMH, 1909, v. 12 (6), 91.

(BRIT. GUIANA) Daniels, 1898d, 13-18; 1898e, 878-880; 1899a, 398.—Wise, 1909c; 1910a, 137-138.—Wise & Minett, 1913, TDB, v. 2 (2), 93-96.

(CALCUTTA) Green, 1902a, 91-92; 1902b, 130-131 (in police force).

(CEYLON) Bahr, 1914, P, v. 7 (2), 128-134.

(CHINA) Mans., 1883b, 1-186, figs.

(COCHIN CHINA) Broquet & Montel, 1909, BSPE, v. 2 (1), 6-8; 1909, BIP, v. 7 (7), 310-311; 1909, RH, v. 31 (5), 487 (chez un Annamite).—Cruickshank & Wright, 1914, IJMR, v. 1 (4), 741-785, pls. 52-58.

(CONGO) Firket, 1895b, 669-685; 1896a, 791-792; 1897, NW, v. 12 (18), 211 (in negroes).

(CONGO-CAMEROUN) Ringenbach & Guyomarc'h, 1914, BSPE, v. 7 (7), 619-626.

(CUBA) Plasencia, 1903a, 17-20; 1903c, 793-794.

(DHARWAR) Forbes, 1838a, 215-225.

(FIJI) Bahr, 1912, JTMH, v. 15, 77-79; 1912, v. 8, 1-192; 1912, N, v. 89, 487; 1912, L, v. 182, v. 1 (19), 1280-1281; 1912, 1-200; 1912, TSTMH, v. 5 (4), 131-155. pls. 1-2 figs. 1-2b.—Boissière, 1904, JTM, v. 7 (22), 179-181; 1904, JAMA, v. 43 (2), 155; 1904, AMn, v. 2 (12), 139-140; 1905, AST, v. 9 (4), 179.—Brunwin, 1909, JTMH, v. 12, 365-370; 1910, CfB, v. 46 (16), 493-494.—Finucane, 1901a, 23-24; 1901b, 149; 1901c, 120.—Lynch, 1905a, 21-22.

(FORMOSA) Maxwell, 1908, JTMH, v. 11 (18), 282.

(FORT HANCOCK, N. J.), Knox, 1911, MS, v. 28 (6), 659-660; 1912, CfB, v. 54 (1), 5.

(FUKAMI, AMAKUSA, IN KIUSHU) Taniguchi, 1911, JRIID, 46-54.

(GERMAN S. SEA REGION) Fülleborn, 1912, AST, v. 16 (16), 533-547.

(GUADELOUPE) Léger & Le Gallen, 1914, BSPE, v. 7, 125-129.—Walther, 1912, BMSCP, v. 38 (1), 52-53.

(GUAM) Crow, 1910, JAMA, v. 55 (7), 595-596.

(HABANA) Finlay, 1882a, 40-51.

(HAUT-SÉNÉGAL ET NIGER) Leger, 1912, BSPE, v. 5 (8), 618-622, tables 1-3.

(INDIA) Mans., 1883b, 1-186, figs.

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- (INDOCHINA) Mathis, 1914, AHMc, v. 17 (1), 215-228; 1914, TDB, v. 4 (3), 125.—Mathis & Léger, 1910, BSPE, v. 3 (3), 142-145; 1910, Pm, b. 18 (24), 207; 1911, RPP, 229-253, tables.—Noc, 1908, BSPE, v. 1, 369-373.
- (ITALY) Gabbi, 1916, Pathologica, v. 8, 323-325; 1916, Malaria, v. 7, 301-304; 1917, TDB, v. 9, 280.
- (JAMAICA) Siler, 1916, AJTDPM, 448.—Wanhill, 1906a, 561-563; 1907a, 158.
- (JAPAN, S.) Kogawa, 1905, TIS, 565-583.
- (KAMERUN) Kuelz, 1908, AST, v. 12 (17), 547-577; 1909, CfB, v. 43 (9-12), 296-297.—Ziemann, 1905ll, 84; 1905oo, 272.
- (KARNAL DEPOT) Lingard, 1896b, 521-530.
- (LUZON, S.) Phalen & Nichols, 1908, PJS, v. 3 (4), 293-304, pls. 1-3 figs; 1909, HR, v. 19 (18), 1073-1074.
- (MARTINIQUE) Noc & Steuenel, 1913, BSPE, v. 6, 663-668.—Simond, Noc & Aubert, 1909d, 319-323; 1909e, 446; 1909, CfB, v. 45 (6), 176-177; 1909, BIP, v. 7 (24), 1088-1089.
- (M'BOMOU, AFRICA) Ouzilleau, 1913, BSPE, v. 6, 80-88; 1913, AHMc, b. 16, 307, 688; 1914, MmW, v. 61 (31), 1755-1756.
- (MOROCCO) Breeze, 1910, JTMH, v. 13 (22), 340-341.
- (NEW CALEDONIA) Lang & Noc, 1903a, 377-388; 1903b, 806; 1904a, 184-186; 1904b, 408; 1904c, 69-74; 1905a, 522.
- (NICARAGUA) Thornton, 1908a, 655-671; 1909a, 121.
- (NIGERIA) BMJ, 1901, v. 1 (2089), 98.—Foran, 1910, JTMH, v. 13 (4), 50, figs. 1-2 (Ikotekpene District, Southern Nigeria—50 miles from Calabar).
- (OUADAI) Motas, Jamot, & Robert, 1914, BSPE, 525.
- (PHILIPPINES) Low, 1909, JTMH, Sept. 1; 1909, BOiHp, v. 1 (7), 600; 1909, *ibid.*, v. 1 (11), 1159-1160.—Phalen & Nichols, 1909, PJS, v. 4 (2), 127-135; 1909, BIP, v. 7 (24), 1088; 1909, CfB, v. 45 (6), 177; 1909, JTMH, v. 12 (19), 300.—Walker, 1914, PJS, v. 9 (6), 483-491 figs. 1-5.
- (PORTO RICO) Ashford, 1903, MR, v. 64 (19), 724-728; 1903, AM, v. 6 (20), 798; 1903, NYMJ, v. 78 (20), 961; 1903, JAMA, v. 41 (21), 1298; 1904, AST, v. 8 (10), 475-476.
- (QUEENSLAND) Bancroft, 1910, AMG, v. 29, 233-234.—Jackson, 1908, AMG, v. 27, 344-350; 1910, AMG, v. 29, 231-233.
- (ST. KITTS, W. I.) Low, 1902m, 117-119; 1902n, 788; 1902o, 329.
- (SAMOA) Mans., 1896g, 1379.
- (SHINTO PERFECTURE, S. GIOSHOGUN DISTRICT, JAPAN) Kurado, 1904, TIS, 2171-2176.
- (SICILIA) Famolari, 1915-16, Pathologica, v. 8, 222; 1916, Malaria, v. 7 (3), 141-145, pl. 1; 1916, TDB, v. 8 (8), 519; 1917, BIP, v. 15, 408-409.
- (SIERRA LEONE) Harvey, 1908, JRAMC, v. 11 (1), 1-23, figs.—Prout, 1902a, 879-881; 1902b, 528; 1902, JTM, v. 5, 317-319; 1904a, 139-140; 1905a, 37-38.
- (SOUDAN) Leiper, 1908, RWRL (3), 187-199, figs. 1-12.
- (SURINAM) Flu, 1911, 1-93, pls. 1-3.
- (TAYTAY) Nicholas, 1909, PJS, v. 4 (4), in 279-286, tables 1-3.
- (TONKIN) Mathis & Léger, 1909, BSPE, v. 2, 483-486; 1909, BIP, v. 7 (24), 1088; 1909, Pm, v. 17 (87), 775.
- (TRINIDAD, W. I.) Vincent, 1902a, 189-190; 1902b, 299; 1902c, 311; 1902d, 121; 1902e, 484; 1905a, 37.
- (THE TROPICS) Daniels, 1908, BMJ, v. 2, 338; 1908, *ibid.*, v. 2 (10), 741-743; 1908, *ibid.*, v. 2, 1359-1361, 1 char; 1908, MR, n. 74 (9), 383-385; 1908, JTMH, v. 11 (18), 280-281; 1908, MmW, v. 55 (37), 1957.—Low, 1908, L, v. 174, v. 1 (5), 279-281 (unequal distribution); 1908, JTMH, v. 11 (4), 59-66; 1908, MR, v. 73 (8), 323; 1908 BIP, v. 5 (15), 690-691; 1908, CfB, v. 42 (14-16), 499; 1908, HC, v. 4 (16), 486; 1908, TSTMH, v. 1, 84-109; 1909, HR, v. 19 (6), 352-353.—Sambon, 1908l, 282.—Ziemann, 1905z, 420-424, figs. 1-2 (in man and animals); 1905aa, 615; 1905bb, 238; 1905cc, 333-334; 1905dd, 773-774; 1905ee, 614; 1905ff, 634; 1905ll, 84; 1905mm, 1409; 1905oo, 272; 1906c, 191-192.

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Geographic distribution—continued.

- (L'UELE, DISTRICT DE) Védý, 1906a, 928-930, 966-976, pl. 1: 1907a, 565.
 (YAMANACHI, JAPAN) Yoshimura, 1913, MjGiM, v. 1 (4); 1914, CfB, v. 62 (9), 254.
- Hæmato-chyluria:** (BORDEAUX) Loumeau & Brandeis, 1912, GhSmB, v. 33, 570-572; 1912, JMB, v. 42, 716; 1912, Pm, v. 20 (105), 1070.
 (EGYPT) Looss, 1905c, 152.
 (FRANCE) Crevaux, 1872a, 1-64, fig. 1; 1872b, 1-62; 1874a, 165-178, fig. 1; 1875a, 172-179.
 (LOND.) Cobbold, 1878b, 368.—MacKenzie, 1882a, 394-410, pls. 22-25; 1882b, 1-17, pls. 1-4; 1882c, 247-252; 1882d, 248.
 (JAPAN) Taniguchi, 1904f, 492-500, figs. 1-3; 1904g, 476-477; 1904h, 218; 1904i, 654; 1904k, 345-346; 1905a, 69.
 (MANILA) MacDill & Wherry, 1909, JTMH, v. 12 (16); 1909, CfB, v. 45 (6), 190.—Wherry & McDill, 1905a, 5-14, pls. 1-2, figs. 1-2, AC; 1905b, 412-420, pls. 13-14; 1905c, 778; 1906a, 365; 1906b, 773-774.
 (MONTPELLIER) Houillier, 1893a, 1-129; 1894a, 825-826.
 (U. S. A.) Wellman & von Adelung, 1910a, 1368-1370, figs. 1-2.
- Hæmophilia:** (U. S. A.) James, 1898a, 809-819, figs. 60-63.
- Hæmoptysis:** (NETHERLANDS) Beukema, 1884a, 561-563.
- Hydrocele:** (HABANA) Garcia, 1904, CmQH, v. 30, 119-123.
 (INDIA) Calvert, 1903, IMg, v. 38 (5), 180.
 (PARIS) Le Dentu, 1884a, 800-818; 1885a, 1-18.
- Infantile:** (FRANCE) Marotte & Morvan, 1912, Pm, v. 20 (86), 868; 1912, Pv, v. 25 (20-21), 778-779.
- Infectivity:** (AUSTRALIA) Nisbet, 1915, MJ, v. 1 (20), 449; 1916, TDB, v. 7 (6), 362.
- Inguinal Lymph node:** (NEW YORK) Crowell, 1910, PNYPS, v. 10 (3-4), 86-87.
- Kalabar-Kamerun-swelling:** (DEUTSCHLAND) Kuelz, 1908, AST, v. 12 (13), 437-439; v. 13, 329-330; 1908, BkW, v. 45 (33), 1543; 1908, CfB, v. 42 (14-16), 500.
 (GR. BRIT.) Kerr, 1904a, 195-196; 1904, AMn, Roma, v. 2 (5), 613-614; 1905a, 181; 1905b, 474.—Mans., 1910, TSTMH, v. 3, 244-256; 1910, JTMH, v. 13 (6), 94-95.
 (U. S. A.) Leys, 1913, RHMS, v. 2, 577.
- Leprosy:** (LONDON) Bancroft, 1880a, 285-286.—Cobbold, 1879d, 175.
- Lymphangiectasis:** (FRANCE) Bouglé & Cornil, 1902, BMSa, v. 4 (6), 611-618, figs. 1-3; 1903, WkW, v. 16 (2), 54-55.—du Castel & Bourgeois, 1917, Pm, v. 25, 323.—Robert, 1891a, 174; 1891c, 137-139.
 (INDIA) Maitland, 1902a, 188-189; 1902b, 298-299; 1902c, 311 (operative treatment).
- Lymphangitis:** (BOMBAY) Milne, 1831a, 112-116.
 (BRAZIL) Silva Lima, 1889a, 491-502, 541-551; 1899a, 448-458, 502-513 (cases).
 (BRIT. GUIANA) Low, 1902a, 1-9; 1902, JTM, v. 5, 255-256.
 (EGYPT) Looss, 1905c, 148, 149.
 (INDIA) Maitland, 1897a, 903, fig. 1.
 (LONDON) Mans., 1903e, 578.
 (MARTINIQUE) Noc & Stevenel, 1913, BSPe, v. 6, 663-668.
 (PARIS) Baur & Cervera, 1913-14, Pm, v. 15, 226-231.
 (PORTO RICO) Martinez, 1914, JAMA, v. 62 (21), 1622-1624.
- Lymphatic varix:** (EGYPT) Looss, 1905c, 154.
 (FRANCE) Robert, 1891b, 71.
 (LONDON) Eve & Barnard, 1899a, 1362-1363, figs. 1-2.—Mans., 1901i, 281.
 (U. S. A.) Opie, 1901a, 251-266, pl. 1; 1901b, 722.
- Lymph scrotum:** (BRAZIL) Silva Araujo, 1877a, 492-504; 1878d, 200-215; 1879d, 455-465.

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Lymph scrotum—continued.

(CANADA) Primrose, 1902a, 516; 1902b, 528; 1903a, 1262-1265, figs. 1-5; 1903b, 287; 1903c, 870; 1903d, 1106; 1904a, 164-165; 1904b, 227; 1904c, 461-462.

(DEUTSCH-OSTAFRIKA) Schœnebeck, 1913, MBdS, 251.

(EGYPT) Looss, 1905c, 150, 151.

(LONDON) Cobbold, 1878h, 370.—Mans., 1881h, 285-302; 1882e, 616-617; 1882f, 193-195.—Young, 1897a, 1037-1039.

and mosquitoes: (AUSTRALIA) Bancroft, 1899a, 120; 1903, AMG, v. 22 (6), 251-252; 1903, JAMA, v. 41 (8), 524.

(DEUTSCHLAND) Fülleborn, 1907, AST, v. 11 (20), 635-643; 1907, MmW, v. 54, 497, 2498; 1908, BIP, v. 6 (2), 91-94; 1908, JRAMC, v. 10 (2), 213-214; 1908 RMT, v. 1, (1), 6-7; 1908, HC, v. 4 (3), 90-91; 1908, CfB, v. 41 (19-21), 665; 1908, JTVS, v. 3 (3), 416-418; 1908, HR, v. 18 (18), 1127-1128; 1908, AST, v. 12 (9), 357-388, figs. 1-3, pls. 1-7 figs. 1-132; 1909, BIP, v. 7 (7), 306-310; 1909, MmW, v. 56 (14), 732; 1909, CfB, v. 43 (9-12), 346-347.

(FRANCE) Freyssinge & Nev.-Lem., 1901, BSPE, v. 3, 81-92, figs. 1-12.

(HABANA) Espin, 1910, SyB, v. 4 (2-4), 288-368, figs. 12-33: (5-6), 595-660, figs. 34-36.—Lebrede, 1904c, 171-172; 1904d, 172-173; 1905a, 236.

(KœNIGSB.) Braun, 1906a, 286-287.

(LOND.) Cobbold, 1878c, 366.—Kennard, 1900a, 754.—Mans., 1880b, 379.—Smith, 1905d, 140.

(NEW YORK) Cumston, 1904, NYMJ, v. 79 (7), 313-314.—Med. Rec., 1900, v. 58, 342.

(QUEENSLAND) Jackson, 1911, JTMH, v. 14 (18), 280 (*Culex fatigans*, *Mansonia uniformis*).

(SAN FRANCISCO) Wellman, von Adelung & Eastman, 1910a, 217-218.

Natality: (PARIS) Marotte & Morvan, 1913, AdP, v. 16 (2), 306-313.

Oedema: (EGYPT) Looss, 1914, HdT, v. 2, 474.

(FRANCE) Billet, 1906, CrSB, v. 60, 1151-1153; 1906, BIP, v. 4 (17), 725.—Livon & Penaud, 1906, CrSB, v. 61 (35), 510-512; 1907, BIP, v. 5 (2), 83; 1907, JTVS, v. 2 (2), 244-245.

Orchitis: (EGYPT) Looss, 1905c, 153.

(LOND.) Mans., 1903e, 596.

(PARIS) Maucclair, 1912, BMSCP, v. 38, 62-64; 1912, AgC, v. 6 (5), 497-620; 1912, Pm, v. 20 (5), 55.

Papulose: (PARIS) Nielly, 1882e, 345-346.—Rochard, 1882a, 581-584; 1882b, 488-489.

Pathogenesis: (JAPAN) Katsurada, 1904a, 1325-1432.

Pathology: (LOND.) Mans., 1882g, 11-14; 1883e, 189-190.

Pellagra: (ITALY) Alessi, 1910, AIS, v. 20, 393-430; 1910, Pol., v. 17 (26), 803-834; 1910, JAMA, v. 55 (5), 447, 448.

Periodicity of Fil.: (LOND.) Mackenzie, 1881a, 398.—Mans., 1881i, 239-248, pl. 19; 1882a, 63-68, chart 1; 1899f, 644-646; 1899g, 386; 1899h, 253; 1899i, 318; 1899k, 598; 1900a, 188-190; 1900b, 56-57.—Myers, 1887d, 1394-1395.—Whyte, 1909a, 175-183, 1 map (eosinophilia); 1909b, 175; 1909e, 600-601; 1910a, 97.

Prevalence: (CHARLESTON, S. C.) Johns., 1915, SMJ, v. 8, 63-65; (7), 557-648; 630-634; 1915, TDB, v. 6 (6), 307.

(EGYPT) Sons., 1882e, 569-573.

(FIJI) Lynch, 1905a, 21-22; 1905b, 405; 1905c, 420; 1905d, 99-100.

(INDIA) Calvert, 1903, IMG, v. 38 (5), 180.

(LAGOS) Connal, 1912, JTMH, v. 15, 5-9.

(PHILIPPINES) Phalen & Nichols, 1909, PJS, v. 4 (2), 127-135, 1 map.

Prevention: (AUSTRALIA) Bancroft, 1912, AMG, v. 31 (4), 80; 1912, JTMH, v. 15, 92-93.

(EGYPT) Looss, 1905c, 166.

(SANTA VICTORIA DE PALMAR) Bassewitz, 1905, AST, v. 9 (5), 219-226; 1906, HR, v. 16 (12) 660.

(W. INDIES) Low, 1901-02a, 134-150; 1912, JTMH, v. 15 (6), 91-92.

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Prognosis: (EGYPT) Looss, 1905c, 166.

Pseudo-tubes: (PARIS) Babinski & Gautier, 1914, Rn, v. 22, 856.

Röntgen rays: (MANILA) McDill & Wherry, 1904a, 3.

and schistosomiasis: (NEW YORK) Rosenberger, 1915, NYMJ, v. 102 (18), 883-884.
(EGYPT) Sons., 1882e, 569-573.

Skin diseases: (IRELAND) Burke, 1886c, 318-319.

Sleeping sickness: (FRANCE) [Bettencourt, 1903, ICHD (13), v. 8, 1-29].

(LOND.) Crombie, 1902, JTM, v. 5, 345-344.—Sambon, 1903b, 201-209, figs. 1-4.

(PARIS) Rouget, 1902a, 198-200, figs. 1-3 (Fil. demarquayi).

(UGANDA PROTECTORATE) Hodges, 1902b, 293-300, pls. 1-2.

(VICTORIA NYANZA) Christy, 1903, JTM, v. 6 (21) 343-344; 1904, AHMc, v. 7 (2), 302-303.

(W. INDIES) Rat, 1902a, 385.

Symptoms: (INDIA) Maitland, 1897b, 1483 (surgical); 1898b, 321-322, 361-362; 1899a, 399.

(JAPAN) Hara, 1903a, 29-32; 1904a, 460.

(LOND.) Hatch, 1897, L, 929-930.

(MEXICO) Nuñez, 1906a, 82-86, 106-109, 124-133, 155-158, 171-176, 196-201, 221-224, 243-247, 269-272, 290-295, 343-347, figs. 1-29.

(NEW YORK) Stokes, 1911, MR, v. 79 (4), 142-145; 1910, USNMB, v. 4 (3), 318-324.

(PHILA.) Anders, 1903a, 1256.

Treatment: (CINCINNATI) French, 1896a, 648.

(KAMERUN) Waldow, 1909a, 182-184; 1909b, 687; 1909c, 158; 1909d, 2235.

(LOND.) Crombie, 1892a, 366.—Mans., 1892a, 765-766.

(PARIS) Nielly, 1882e, 345-346.

(SOUTH SEA) Leber, 1912, AST, v. 16 (4), 441-443; 1912, AST, v. 16 (8), 267; 1912, DmW, v. 38 (17), 831; 1914, AST, v. 18, 454-463.

(U. S. A.) Anders, 1903a, 1257.

—, aniline, emetic: Thiroux, 1910, BSPe, v. 3 (3), 202-203.—Thiroux & D'Anfreville, 1910, BSPe, v. 3 (6), 407-409; 1910, Pm, v. 18 (49), 460.

—, anthelmintics: Looss, 1905c, 166 (useless).

—, arseno-benzol: Le Dantec, 1912, BSMeH, v. 3, 296-298 (intravenous injections).

—, atoxyl: Lemoine, 1909, BMSmH, v. 26, 80-83; 1909, Bm, v. 23, 78; 1909, Pm, v. 17 (8), 70.—Muda, 1914, ZI, v. 8 (10), 1101.—O'Brien, 1908, JTMH, v. 11 (10), 150; 1908, MmW, v. 55 (39), 2058; 1908, CfB, v. 42 (14-16), 553; 1909, HR, v. 19 (6), 353; 1909, JTMH, 123.

—, dióxydiamidoarsenobenzol: Barnes, 1913, MCMB, v. 6, 1-7; 1913, TDB, v. 2 (2), 97; 1913, AST, v. 17 (21), 760; 1913, TATS, v. 13, 156-162; 1913, CfB, v. 58 (10), 297.

—, Ehrlich-Hata: Fülleborn, 1911, MmW, v. 58 (10), 516; (15), 803.—Reichmann, 1910, MmW, v. 57, 2291-2293, figs. 1-4.

—, methylene blue: Flint, 1895a, 737-739.

—, neosalvarsan: Morlot & Zuber, 1914, CrSB, v. 77 (27), 475-476.

—, pepper: Aiyar, 1916, BMJ, v. 1, 508.—Robertson, 1915, BMJ, v. 2, 535.

—, phenokoll: Werner, 1914, AST, v. 18 (8), 284-285.

—, potassium iodide: Lockwood, 1901a, 825.

—, radium: Warden, 1909a, 224-225; 1909b, 282; 1909c, 358; 1909d, 240-241; 1909e, 1405.

—, salvarsan: Best, 1914, 376.—Branch, 1913, JTMH, v. 16, 364-365, fig. 1.—Cottle, 1912, USNMB, v. 6 (1), 84-87.—McNaughton, 1916, JTMH, v. 19 (21), 249-250.—Werner, 1911, AST, v. 15 (4), 129-130; 1911, MmW, v. 58 (29), 1580.

—, surgical: Looss, 1905c, 152.—Magal., 1892e, 524-528.—Maitland, 1902a, 188-189; 1902b, 298-299; 1902c, 311.—Thieme, 1914, AST, v. 18 (23), 777-790, figs. 1-9, pls. 9-11 figs. 1-18.—Pick, 1905b, 1172.

—, thymol: Anders, 1903a, 1257.—Mans., 1893f, 387-388.

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- Treatment, Wherry-McDill method: von Adelung, 1911, CSJM, v. 9 (1), 27-28.
 Tumor: (DEUTCHLAND) Rodenwaldt, 1909, AST, v. 13 (10), 332.
 Ulcer of the liver: (JAPAN) Uchida, 1905-06a, 187-192.
 Varicocele, lymphatic: (HAITI) Audain, 1898, 1-27; 1902, 1-118.
 (INDOCHINA) Le Roy des Barres, 1913, BSMeIC, v. 4, 448-450; 1914, TDB, v. 3 (6), 316.
 Varicose groin glands (helminthoma elasticum): (EGYPT) Looss, 1905c, 151.
 (LOND.) Eve & Barnard, 1899a, 1362-1363, figs. 1-2. —Young, 1897a, 1037-1039.
 Variola (simulating): Azevedo Sodre, 1905, 441.

- FILARIATA Skrj., 1915, VOv, 131; 1916, 463, 542 (suborder) (contains Filariidæ).
 FILARIDÆ Cobbold, 1879b, 5.—R. Bl., 1895, 746.—Bcs, 1894a, 218.—Braun, 1895b, 219.—Campb. & Lacr., 1907, 80.—Cast. & Chalm., 1910a, 406; 1913a, 521.—Daniels, 1898c, 879-880 (embryos and adults in man: Brit. Guiana).—Ecpri, 1898a, 56.—Noy-Lem., 1904a, 97; 1906a, 289; 1908a, 418; 1912a, 651.—Roger, 1901a, 95.—Schneidem., 1896a, 306.—Stiles, 1907b, 38.—Stoss., 1898c, 92.
 FILARIDEA Carus, 1863, v. 2, 461 (fam. contains Fil., Filaroides, Gongylonema).—Cast. & Chalm., 1910a, 406; 1913a, 521.—Stiles, 1907b, 34, 38.
 FILARIDES Assenova, 1899, 104.—Stiles, 1907b, 38.
 FILARIDIA Raf., 1815a, 151 (subf. of Ascaridia, contains Amphist., Capsularia, Cap., Cucullanus, Crinola, Crino, Dist., Distomopsis, Dycophymus, Echinramphus (Echinorinchus), Fil., Fissula, Fus., Festucaria, Haracula, Haruca, Mastigodes, Monostomeus, Ophiost., Planaria, Proboscideus, Str., Trichoc., Unc.).
 FILARIIDÆ Claus, 1885a, 295.—Bauche & Bernard, 1912, v. 5, 622-624.—Braun, 1895b, 212-213; 1903a, 260; 1906a, 274, 282.—Cast. & Chalm., 1910a, 406, 447.—Daniels, 1910a, 76, 102; 1914a, 74, 79.—F., S., & T., 1916a, 390.—Hall, 1916a, 179, 191; 1916b, 519.—Kholodk., 1899a, 179.—Looss, 1892a, 90; 1905, 147.—Mordw., 1908, v. 13 (1-2), 191.—Rail., 1898b, 173; 1915, IVC, 747, 749.—Rail. & Henry, 1909a, 85; 1911, 576, 578; 1912, v. 5, 115-118.—Rans., 1904a, 20, 30, 31, 38, 40, 41; 1911 (127), 14, 19, 20, 23, 24, 99-100, 103 (fam. contains Fil., Gongylonema, Spiropt.).—Rollest., 1888a, 686.—Seur., 1914, Dec. 11, 527; 1916, 143.—Shipley, 1896a (1901b), 147.—Skrj., 1915, VOv, 138; 1916, 542-543; 1916, 83; 1917, P, 478, 480.—Sl. & Sw., 1912a, 312, 348.—Stiles, 1892e (f), 143-147 (1-5), figs. a-b (in cattle, horse); 1907a, 10; 1907b, 38, 48, 50.—Verdun, 1907a, 321.—Ward, 1916, 681-682.
 FILARIINE Stiles, 1907b, 38, 39, 40.—F., S., & T., 1916a, 390.—Hall, 1916a, 179, 188; 1916b, 519.
 FILARINA Hamm., 1838a, 352 (mt. vitrea).
vitrea Hamm., 1838a, 351-358, pl. 4 figs. a-b (in Trichius hemipterus; by Hamm.). —Crep., 1846b, 157.—Sieb., 1839, 157.—Stiles & Hass., 1905b, 107.
 FILARIOIDEA Weinl., 1858a, 90 (fam. contains Fil.); 1859, 284.—Hall, 1916a, 6, 40, 64, 178-179, 190, 199, 223, 224; 1916b, 519.—Stiles, 1907b, 38 (superfam. contains Filariidæ).
 Filariöse (vide Filariasis).—Simon & Noc, 1909d, 319-323.—Brochard, 1910, v. 3 (9), 609-613, 1 table.—Brumpt, 1910a, 441.—Guiart, 1910a, 454, 522, 551.—Thézé, 1916, BSPe, 464-466.
 Filariosis (vide Filariasis).—Hut. & Mar., 1913a, 929.
hæmatica Hut. & Mar., 1913a, 929.
hematique Lavault, 1896a, 162-163 (in dog).
 FILARIU Magal. in Silva Lima, 1877, GmB, Dec. 1, 544 (misprint for Filaria).—Stiles, 1907b, 36.
sanguinis hominis (Lancet, 1872) Magal., in Silva Lima, 1877, 544.
 Filaroide Ben., 1858a, 267 [for Filaroides?].
 FILAROIDES Ben., 1858a (1861a), 267-269 (mt. mustelarum [pumonalis]).—Carus, 1863, 461.—Rail. & Henry, 1912, 566.—Stiles, 1907b, 31.—Stiles & Hass., 1905b, 107.
mustelarum (Rud., 1819) Ben., 1858a, 1861a, 267-269, pl. 23 figs. 1-20 (s. Gord. bronchialis) (in fouine, martre, putois; Europe); 1878a, 278 (mustellarum).—Carnoy, 1886b, 28-30, 49, 53, 68, 73, 76, 77, 80, pl. 6 figs. 173-180 (in belette, putois); [1887b], 297, 298, 300.—Cobbold, 1879b, 298.—Førster, 1914, 3.—

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mustelorum—continued.

Land., 1897a, 92, 93.—Leuck., 1879a, 183; 1886d, 143.—Linst., 1873, 300-305, pl. 13 figs. 9-16: 1874b, 135-136, pl. 4 figs. 10-12: 1903, 269.—Lorenz, 1890, 70.—Müch., 1898, 51-52.—Neum., 1892o, xxx-xxxi.—Seur., 1916, 357.—Stoss., 1897b, 127-128 (115-116) (s. *Asc. bronchialis*, *Fus. bronchialis*, *Fil. mustelorum pulmonalis*).—Weyenbergh, 1868a, 428-434, pl. 16 figs. 1-10.—Woodworth, 1897a, 234-235 (in skunk; U. S. A.).—Also reported for *Fœtorius putorius*, *F. vulg.*, *Lutra vulg.*, *Mustela erminea*, *M. foina*, *M. martes*, *M. putorius*.

vulpis (Duj., 1845) Rail., 1915, RMv, 505 to *Crenosoma* (*Filaroides*?) (in *Canis* fam.).

FILARIA Cast. & Chalm., 1910a, 408 (misprint for *Filaria*).

FILIARIA Camp. & Lacr., 1907, 81 (misprint for *Filaria*).

cervina (Duj., 1845) Camp. & Lacr., 1907, 81.

FILIARIS JMv, Par., 1826, v. 3, 167, 168 (for *Filaria*).—Stiles & Hass., 1905b, 107.

FILICOLLIS Lühe, 1911a, 10, 11, 30-31 (tat. *anatis* Schrank=*filicollis*).—Gedöelst, 1911a, 136, 137.

anatis (Schrank, 1788) Lühe, 1911a, 29, 31-35, figs. 38-44 (in *Anas acuta*, *A. boschas*, *A. b. dom.*, *A. crecca*, *A. penelope*, *A. sponsa*, *Anser anser dom.*, *Colymbus nigricans*, *Cygnus cygnus*, *C. olor*, *C. o. dom.*, *Fulica atra*, *Gallinula chloropus*, *Mergus merganser*, *M. serrator*, *Nycticorax nycticorax*, *Nyroca clangula*, *N. ferina*, *N. fuligula*, *N. hyemalis*, *N. marila*, *N. nyroca*, *N. rufiga*, *Oidemia fusca*, *O. nigra*, *Ortygometra porzana*, *Somateria mollissima*, *Spatula clypeata*, *Sterna minuta*, *Tadorna tadorna*, *Totanus stagnatilis*).—Fiebiger, 1912a, 306.—Gedöelst, 1911a, 137, fig. 183.—Van Cleave, 1916, 131, pl. 18 figs. 1-3, 1916, 229.

botulus Van Cleave, 1916, TAMS, v. 35 (2), 131-131, pl. 18 figs. 1-9 (in *Somateria mollissima*; Maine); 1916, 229.

FILIRIA Assmuss, 1865, 52 (misprint for *Filaria*).

succineæ (Dies., 1851) Assmuss, 1865, 52 (so. *Mermis albicans*).

FILOCAPSULARIA Deslgch., 1824q, 398-400 (mt. *communis*).—Baird, 1853a, 4 (so. *Filaria*).—Criv., 1845a, 5.—Stiles, 1907b, 40, 48.—Stiles & Hass., 1905b, 107.

communis Deslgch., 1824q, 399-400 (in fish).—Criv., 1845a, 5.—Fourm., 1882, 840.—Stiles, 1907b, 48 (s. *Spiropt. hominis*) (in fish).

FILOCAPSULARIS Cast. & Chalm., 1910a, 408 (misprint for *Filocapsularia*).

FILORIA Nordm., 1832, 11 (misprint for *Filaria*).—Calmette, 1884a, 456.—Stiles, 1907b, 36.—Stiles & Hass., 1905b, 107.

papillosa (Rud., 1802a) Nordm., 1832a, 11-13 (in eye of horse).

sanguinis hominis (Lancet, 1872) Calmette, 1884a, 456.

FIMBRIA Cobb, 1894c, 420-421 (mt. *tenuis*) [not *Fimbria Bohadsch*, 1761, mollusk; Meg., 1811, mollusk; Risso, 1826, mollusk; Belon, 1896, insect].—Stiles & Hass., 1905b, 107.

tenuis Cobb, 1894c, 420-421, fig. 14 (Isl. of Ceylon).—Shipley, 1901b, 157.

FIMBRILLA Cobb, 1905, in Stiles & Hass., 1905b, 107 (tod. *tenuis*). (*Fimbria* Cobb renamed).

tenuis (Cobb, 1894) Cobb, 1905, in Stiles & Hass., 1905b, 107.

FISSULA Lam., 1801a, 339 (isd. *Cystidicola farionis*); 1816, 210 (see *Cystidicola*, *Ophiost.*).—Blainv., 1824a, 514.—Bosc, 1802a, 37-38.—Crep., 1846e, 386.—Encycl. méth., Par., 1824, v. 2, 400.—Nordm., 1840, 656-657.—Raf. 1815a, 151 (g. of *Filaridia*).—Stiles & Hass., 1905b, 107.

cystidicola Lam., 1801a, 339 (*Cystidicola farionis* renamed); 1816, 211 (s. C.).—Bos, 1802a, 39, pl. 12 fig. 2.—Nordm., 1840, 657-658 (s. *Ophiost. lepturum*).—Rud., 1809a, 122.—Stiles & Hass., 1905b, 107.

intestinalis (Bloch, 1782) Lam., 1801a, 339.—Bosc, 1802a, 38.—Stiles & Hass., 1905b, 107.

mucronata (Rud., 1809) Lam., 1816, 211.—Baird, 1853a, 32 (to *Ophiost.*).—Duj., 1845a, 273 (to O.).—Kolenati, 1857, 13.—Nordm., 1840, 657.

phoca (Fabr., 1780) Lam., 1816b, 211 (s. *Ophiost. dispar*, *Asc. bitida*) (in *Phoca*).—Nordm., 1840a, 657 (s. O. d., A. b.).

- FOXOCEPHALI** Criv., 1845a, 7 (quotes Brera) (a qual genere riporta il Gordio aquatico).
- FURIA** Linn., 1758a, 644, 647 (mt. infernalis) [not Furia Cuv., 1828, mammal].—Bosc, 1802a, 196-198.—Herbst, 1788a, 14, 19; 1789a, 121.—Lam., 1801a, 327.—Modeer, 1795a, 143-167.—Pall., (1760a) 1768a, 255-256.—Solander, 1773a, 44; 1774a, 556-557.—Stiles & Hass., 1905b, 108.
- infernalis* Linn., 1758a, 644, 647 (habitat in Botniæ Sveciæ Septentrionalis paludosis).—Baer, 1828b, 25-30; 1828c, 230.—Blanch., 1889d, 708.—Brooke, 1827a, 39-43; 1827b, 497-501.—Dungl., 1895a, 463 (in Homo: Sweden) [vermiform insect Sweden—malignant anthrax].—Guthrie, 1799a, 398-400 (in H.; Russia).—Hagen, 1790a, 1-22.—Herbst, 1789a, 121.—Lam., 1801a, 327.—Looss, 1892a, 5; 1899b, 528; 1902m, 765.—Moq.-Tand., 1860, 394.—Pall., 1781b, 116.—Solander, 1773a, 44-58; 1774a, 556-557; 1777a, 183-204.—Stiles, 1907, 526 (spurious parasite); 1914, MM, v. 2, 218.—Stiles & Haas., 1905b, 108.—, 1781, v. 4, 308, 309.
- medinensis* (Linn., 1758) Modeer, 1795a, 153 (*Furia vena medinensis*).—Dies., 1851a, 270 (to Fil.).—Dungl., 1893, 463.—Rud., 1808a, 172; 1809a, 55.—Stiles, 1907b, 39.
- vena medinensis* (Linn., 1758) Modeer, 1795a, 153.
- FUSARELLA** Seur., 1916, CrSB, 67-68 (tod., vermicularis).—Hall, 1916a, 65, 225 (so. Oxyuris).—Rail. & Henry, 1916, CrSB, 114 (so. Enterobius).
- vermicularis* (Linn., 1758) Seur., 1916, 68, fig. 1.—Hall, 1916a, 225 (to Enterobius).
- FUSARIA** Zed., 1800a, 6, 16-68 (Asc. renamed, hence type lumbricoides); 1803a, 43, 93-125.—Blainv., 1824a, 518 "fusaire, ce sont les filaires, dont la bouche est pourvue de tubercules, comme le F. coronata, R."—Encycl. méth., Par., 1824, v. 2, 427.—Hall, 1916a, 40.—Looss, 1902m, 755.—Raf., 1815a, 151 (g. of Filaridia).—Rans., 1911 (127), 24 (so. Asc.).—Schneid., 1866a, 12.—Stiles, 1905y, 24; 1914, MM, v. 2, 223.—Stiles & Haas., 1899a, 103, 152; 1905b, 108.
- acuminata* (Schränk, 1788) Zed., 1800a, 22, 47-48 (in Rana arborea, R. temp.; by Gœze); 1803a, 105 (in R. a., R. t.).—Dies., 1851a, 152 (to Asc.).—Rud., 1809a, 136 (to A.).
- acus* (Bloch, 1779) Zed., 1800a, 39-40 (s. Asc. subulata) (in Hechte); 1803a, 104, pl. 2 figs. 1-3.—Dies., 1851a, 186 (to A.).—Rud., 1809a, 150 (to A.).
- acutissima* Zed., 1800a, 22, 51 (in Sciurus vulg.; by Zed.); 1803a, 108-109.—Dies., 1851a, 173 (to Asc.).—Hall, 1916a, 67 (to Oxyuris).—Rud., 1809a, 156 (to A.).
- adiposa* (Schränk, 1790) Zed., 1803a, 110 (in intest., adeoque in cavo abdominis postice acuta, nec acuminata).—Dies., 1851a, 203 (to Asc.) (in Esox lucius).—Rud., 1809a, 203 (to A.).
- adunca* (Rud., 1802a) Zed., 1803a, 104 (in intestino crasso Clupeæ alosæ).—Dies., 1851a, 171 (to Asc.).—Rud., 1809a, 134 (to A.).
- apri* (Gmel., 1790) Zed., 1803a, 118 (in apri pulmone).—Dies., 1851a, 317-318 (so. Str. paradoxus).—Rud., 1809a, 246 (so. Str. suis).—Stoss., 1899, 90 (so. S. p.).
- aquilæ* (Gmel., 1790) Zed., 1803a, 118 (in Falconis chrysaeti intestinis).—Baird, 1853, 6 (so. Fil. attenuata).—Rud., 1809a, 70 (to Fil.).
- argentina* (Gmel., 1790) Zed., 1803a, 124 (in Argentina).—Dies., 1851a, 341 (so. Nematodeum argentinæ-sphyrænæ) (in Scoelus humboldtii).—Rud., 1810a, 282 [Dubium argentinæ-sphyrænæ]. 379.
- aucta* (Rud., 1802) Zed., 1803a, 111 (in intestinis Blennii vivipari).—Dies., 1851a, 161 (to Asc.).—Rud., 1809a, 176 (to A.).
- brevicaudata* Zed., 1800a, 23, 66-68, pl. 5 figs. 1-6 (in intest. Ranae buffonis); 1803a, 113.—Dies., 1851a, 153 (so. Asc. acuminata).—Lane, 1915, 114.—Rail. & Henry, 1916, CrSB, 249.—Rud., 1809a, 166 (to A.).
- bronchialis* (Gmel., 1890) Zed., 1803a, 116 (in martis pulmonibus).—Duj., 1845a, 47, 116.—Mol., 1858a, 162 (so. Fil. mustelarum (pulmonalis)); 1858c, 419 (so. F. m. (p.)).
- collaris* (Rud., 1802) Zed., 1803a, 108 (in intest. Pleuronect. maximi).—Dies., 1851a, 177 (to Asc.).—Rud., 1809a, 184 (to A.).
- compar* (Schränk, 1790) Zed., 1803a, 110 (in intest. crassis Tetraonis lagopodis).—Dies., 1851a, 170 (to Asc.).—Duj., 1845a, 218 (to A. (Ascaridia)).—Fiebiger, 1912a, 302.—Hass., 1896a, 5 (to Het.).—Mol., 1861c, 287 (to Asc.).—Nordm., 1840, 656 (to A.).—Rail., 1893a, 408 (to H.).—Rud., 1809a, 161 (to A.).

USARIA—Continued.

- convoluta* Zed., 1803a, 106 (in ventriculo *Talpæ* copiosissima inter semidigestos lumbricos) (s. *Asc. talpæ* 1790).—Hall, 1916a, 199 (so. *Spirura talpæ*); 1916, RMv, 520.—Rud., 1809a, 193 (so. *A. strumosa*).
- coraciæ* (Gmel., 1790) Zed., 1803a, 119 (sub cute jugulari pone aures *Coraciæ garulæ*).—Rud., 1809a, 65 (so. *Fil. coronata*).
- cornicis* (Gmel., 1790) Zed., 1803a, 118 (in *cornicis* ventriculo).—Rud., 1809a, 196 (to *Asc.*).
- crenata* Zed., 1800a, 21, 40–41 (in intestinis *Sturni* vulg.; by Zed.); 1803a, 104.—Dies., 1851a, 185 (to *Asc.*).—Rud., 1809a, 146 (to *A.*).
- cuneiformis* Zed., 1800a, 22, 54–55 (in *Cyprinus* sp.; by Zed.); 1803a, 111.—Dies., 1851a, 163 (to *Asc.*).—Rud., 1809a, 177 (to *A.*).
- cygni* (Gmel., 1790) Zed., 1803a, 119 (in intestinis *cygni*).—Rud., 1809a, 71 (to *Fil.*).
- dentata* Zed., 1800a, 22, 54 (in *Cyprinus barbus*; by Zed.): 1803a, 109.—Dies., 1851a, 166 (to *Asc.*).—Rud., 1809a, 160 (to *A.*).
- depressa* Zed., 1800a, 21, 37–38 (in intestinis *Falconis albicillæ*; by Zed.); 1803a, 109.—Dies., 1851a, 157 (to *Asc.*).—Mol., 1861c, 281 (to *A.*).—Rud., 1809a, 143, (to *A.*).
- dispar* (Shrank, 1790) Zed., 1800a, 22, 52–53 (in *cæcis* *Anatis anseris*).—Dies., 1851a, 149 (to *Asc.*).—Mol., 1861c, 292 (to *Het.*).—Rail., 1893a, 408 (to *H.*).—Rud., 1809a, 157 (to *A.*).
- ensicaudata* Zed., 1800a, 21, 38–40 (in intestinis *Turdi merulæ*; by Zed.); 1803a, 104.—Dies., 1851a, 184 (to *Asc.*).—Rud., 1809a, 145 (to *A.*).
- falcata* (Linst., 1906) Lane, 1915, IJMR, 114.
- farionis* (Gmel., 1790) Zed., 1803a, 123 (in intestinis *farion.*).—Dies., 1851a, 178 (so. *Asc. obtusicaudata*).—Rud., 1809a, 202 (so. *A. truttæ*).
- filicollis* (Rud., 1802) Zed., 1803a, 110 (in duodeno ovium).—Dies., 1851a, 318–319 (to *Str.*).—Rans., 1911 (127), 82 (to *Nematodirus*).—Rud., 1809a, 217 (to *Str.*).—Stoss., 1899, 72 (to *S.*).—Ward, 1895a, 336 (to *S.*) (in *Ovis aries*).
- frugilegi* (Shrank, 1790) Zed., 1803a, 109 (in intest. *Corvi frugilegi*).—Dies., 1851a, 192 (so. *Asc. corvi frugilegi*).—Rud., 1809a, 197 (to *A.*).
- fuligulæ* (Gmel., 1790) Zed., 1803a, 119 (in *Anatis fuligulæ interæis*).—Dies., 1851a, 193 (to *A.*).—Rud., 1809a, 197 (to *A.*).
- globoicola* (Fabr., 1780) Zed., 1803a, 122 (nuda et globulo inclusa in *Gasterosteo aculeato*, ventriculi cuti exteriori adhærens).
- gobionis* (Shrank, 1788) Zed., 1803a, 124 (ca. *Cyprin. gobionis* hepar).—Rud., 1809a, 60 (so. *Fil. ovata*).
- hiri* (Gmel., 1790) Zed., 1803a, 117 (in *hiri* intestinis).—Rud., 1810a, 265 (so. *Vermis dubius antilopes*); 1819a, 186 (so. *Nematoideum antilopes*).
- hoffmanni* Zed., 1800a, 23, 59–60 (in intest. *piscis marini*, quem *Batavi* *Darboth* vocant; ? *Holland*); 1803a, 112.—Dies., 1851a, 177 (so. *Asc. collaris*).—Rud., 1809a, 184 (so. *A. c.*).
- incisa* (Rud., 1802) Zed., 1803a, 108 (gregaria membranæ inclusa in adipe peritonæi *Talpæ europææ*).—Dies., 1851a, 165 (to *Asc.*).—Rud., 1809a, 163 (to *A.*).
- inflexa* Zed., 1800a, 21, 36–37 (includes *Asc. anatis*, 1790) (in intestinis *Anatis domesticæ* et *boschatis*); 1803a, 103.—Rud., 1802a, 17; 1803, 9 (? so. *A. perspicillum*); 1809a, 133 (to *A.*).
- lacertæ* (Gmel., 1790) Zed., 1803a, 121 (in *Lacertæ palustris* intestinis).—Rud., 1809a, 199–200 (so. *Asc. lacertæ-palustris*).
- lacustris* (Linn., 1767) Zed., 1803a, 122–123 (in intestinis *Gasterostei aculeati Lucii hepate*).—Dies., 1851a, 201 (so. *Asc. gasterostei*).—Rud., 1809a, 201 (so. *A. g.*).
- lancea* Zed., 1800a, 23, 60–62 (in intestinis *Turdi iliaci* et *pilaris*; by Zed.); 1803a, 112.—Dies., 1851a, 184 (so. *Asc. ensicaudata*).—Rud., 1809a, 192 (to *A.*).
- lari* (Gmel., 1790) Zed., 1803a, 119 (in *Lari cinerei* intestinis).—Dies., 1851a, 193 (to *Asc.*).—Rud., 1809a, 198 (to *A.*).
- leonis* (Gmel., 1790) Zed., 1803a, 115 (in pelle *leonis*).—Rud., 1809a, 68–69 (to *Fil.*).
- lophii* (Muell., 1789) Zed., 1803a, 124–125 (in *Lophii piscatorii canali cibario*, magna).—Dies., 1851a, 164 (so. *Asc. rigida*).—Rud., 1809a, 181 (so. *A. r.*).

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- lumbrici* (Gmel., 1790) Zed., 1803a, 125 (in *lumbricis*, infra cutem et in humo-ribus) (so. *Asc. minutissima microscopica*).
- lumbricoides* (Linn., 1758) Zed., 1800a, 20, 25-31 (in *intestinis Equorum, Hominum, Suis*).—Anacker, 1891d, 407.—R. Bl., 1888a, 661 (to *Asc.*).—Chiaje, 1825a, 9 (to A.).—Dies., 1851a, 168 (so. *A. megaloc.*), 168 (to A.).—Dungl., 1893, 463.—Rud., 1809a, 125 (to A.).
- lumbricoides equorum* (Gœze, 1782a) Zed., 1800a, 20; 1803a, 102.—Rud., 1809a, 125.
- lumbricoides hominum* (Gœze, 1782a) Zed., 1800a, 20; 1803a, 103.—Rud., 1809a, 125.
- lumbricoides suis* (Gmel., 1790a) Zed., 1800a, 20; 1803a, 102.
- lumbricoides suum* (Gœze, 1782a) Rud., 1809a, 125 for *suis* of Zed.
- maculosa* (Rud., 1802) Zed., 1803a, 109 (in *intestinis Columbæ dom.*).—Rud., 1809a, 159 (to *Asc.*).
- marænæ* (Gmel., 1790) Zed., 1803a, 124 (in *maræna*).—Dies., 1851a, 203 (so. *Asc. albulæ*).—Rud., 1809a, 202 (so. A. a.).
- marginata* (Rud., 1802) Zed., 1803a, 106 (in *intestinis Canis domest. tenuibus*).—R. Bl., 1888a, 704 (so. *Asc. mystax*).—Dies., 1851a, 181 (to A.).—Dungl., 1893, 463.—Rud., 1809a, 138 (to A.).
- marina* ([Linn., 1767] Gmel., 1790) Zed., 1803a, 121 (in *piscibus marinis, potissimum Gadis, visceribus extus adhærens*).—Rud., 1809a, 74 (so. *Fil. piscium*).
- martis* (Gmel., 1790) Zed., 1803a, 116 (in *intestinis Must. martis*).—Dies., 1851a, 189 (so. *Asc. mustelarum*).—Rud., 1809a, 195 (to A.).
- mephitidis* (Gmel., 1790) Zed., 1803a, 117 (in *intestinis mephitidis*).—[Gmel., 1790a, 3032, no. 17.]—Mol., 1858a, 164.—Rud., 1810a, 380.
- mucronata* (Schrank, 1790) Zed., 1800a, 23, 62-64 (in *ventriculo Gadi lotæ*); 1803a, 112.—Dies., 1851a, 176 (to *Asc.*).—Rud., 1809a, 186 (to A.).
- muris* (Gmel., 1790) Zed., 1803a, 106 (in *musculi ventriculo*).—Mol., 1859, 934 (so. *Spiropt. obtusa*).—Rud., 1809a, 171 (so. *Asc. obtusa*).
- mystar* Zed., 1800a, 22, 45-47 (in *intestinis tenuibus Felis dom.: [Europe]*).—R. Bl., 1888a, 704 (to *Asc.*).—Braun, 1903a, 302; 1908a, 341; 1915a, 366.—Cast. & Chalm., 1910a, 444; 1913a, 547.—Dies., 1851a, 180 (to A.).—Dungl., 1893, 463.—Rud., 1802a, 13 (to A.) 1809a, 141 (to A.).—Ward, 1895, 301 (to A.), 331 (in *Homo*), 343 (in *Canis*); 1903, 223.
- nigrovenosa* (Gœze, 1800) Zed., 1800a, 22, 48-51, pl. 6 figs. 5 7 (in *pulmonibus Ran. tempor.*); 1803a, 105.—Dies., 1851a, 187 (to *Asc.*).—Rud., 1809a, 148 (to A.).
- obtusocaudata* Zed., 1800a, 23, 55-57 (in *ventriculo, rarius in intestinis Salmonis truttæ*); 1803a, 111.—Dies., 1851a, 178 (to *Asc.*).—Rud., 1809a, 177 (to A.).
- obvelata* (Rud., 1802) Zed., 1803a, 108 (in *intestinis crassis Muris musculi*).—Dies., 1851a, 146 (so. *Asc. oxyura*).—Hall, 1916a, 81 (to *Oxyuris*).—Rud., 1809a, 155 (to A.).
- osculata* (Rud., 1802) Zed., 1803a, 105 (in *ventriculo Phocæ vitulinæ*).—Dies., 1851a, 169 (to *Asc.*).—Rud., 1809a, 135 (to A.).—Stiles & Hass., 1899, 151.
- papillosa* (Bloch, 1782) Zed., 1803a, 112 (in *cæco Otidis tardæ et recto intestino*).—Dies., 1851a, 148 (so. *Asc. vesicularis*).—Mol., 1861c, 290 (so. *Het. vesicularis*).—Rud., 1809a, 130 (so. A. v.).
- percer* (Gmel., 1790) Zed., 1803a, 122 (in *Perca fluviatilis*).—Dies., 1851a, 162 (so. *Asc. truncatula*).—Rud., 1809a, 173 (so. A. t.).
- phocæ* Zed., 1803a, 114 (in *intestinis Phocæ vitulinæ*; Gœze, 1782a, 73, pl. 2 figs. 9-10).—Rud., 1809a, 121 (so. *Asc. phocæ-grœnlandicæ*).
- pusilla* (Rud., 1802) Zed., 1803a, 113 (*vesiculæ inclusa in superficie hepatis Erynacei europ.*).—Dies., 1851a, 165 (to *Asc.*).—Rud., 1809a, 165 (to A.).
- rajæ* (Muell., 1776; Fabr., 1780) Zed., 1803a, 124 (in *ventriculo Rajæ fullonicæ*).
- redii* Zed., 1800a, 23, 58-59 (includes *Redi*, 86, and Gmel., 1790a, 3035) (in *intestinis Murænæ anguillæ*; by *Redi* and Zed.); 1803a, 111.—Dies., 1851a, 162 (so. *Asc. labiata*).—Rud., 1809a, 172 (so. A. l.).
- reflexa* Zed., 1800a, 21, 33-36, pl. 4 fig. 7 a-e (in *intestinis cæcis Phasiani domestici et colchici*; by Zed. and others) (includes several s. as *Asc. galli, gallini, phasiani*); 1803a, 102-103 (in *intestinis gallopavonis, Phas. domest. et col-*

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reflexa—continued.

- chici* (includes *A. vesicularis*, *A. gallopavonis*).—Dies., 1851a, 170 (so. *A. inflexa*); 184 (so. *A. perspicillum*).—Duj., 1845a, 223 (so. *Het. vesicularis*).—Hass., 1896a, 5 (so. *H. perspicillum*); 1896b, 2 (so. *H. p.*).—Mol., 1861c, 287 (so. *A. inf.*).—Nev.-Lem., 1912a, 673.—Rail., 1893a, 406 (so. *H. p.*).—Rud., 1802a, 16 (so. *A. v.*); 1809a, 130 (so. *A. v.*), 142 (so. *A. p.*).
- renalis* (Goeze, 1782, and Gmel., 1790) Zed., 1803a, 116–117 (in *renibus Must. martis*).—Anacker, 1891e, 407.—R. Bl., 1888a, 727 (so. *Eustr. gigas*).—Dies., 1851a, 327 (so. *Eustr. g.*).—Duj., 1845a, 113 (so. *Str. gigas*).—Dungl., 1893, 463.—Rud., 1809a, 211 (so. *S. g.*).—Stoss., 1899, 58 (so. *E. g.*).
- rhombi* (Gmel., 1790) Zed., 1803a, 121 (in *Pleuronecte rhombo*).—Dies., 1851a, 162 (so. *Asc. acuta*).—Mol., 1861c, 282 (so. *A. acus*).—Rud., 1809a, 182 (so. *A. acuta*).
- salamandre* (Schränk, 1790) Zed., 1803a, 112–113 (in *intestino recto Salamandræ maculosæ*).—Dies., 1851a, 153 (so. *Asc. acuminata*).—Rud., 1809a, 199 (so. *Asc. salamandræ-terrestris*).—Stoss., 1898, 80.
- secunda* (Schränk, 1790) Zed., 1803a, 109–110 quotes Schränk 1790, no. 6 (in *intestinis Percæ vulg.*).—Rud., 1809a, 175.
- semitercs* Zed., 1800a, 21, 37 (in *intestinis sic dictis tenuibus Tringæ vanelli*; by Zed.); 1803a, 103.—Dies., 1851a, 184 (to *Asc.*).—Rud., 1809a, 143 (to *A.*).
- siluri* (Gmel., 1790) Zed., 1803a, 123 (in *intestinis Siluri glanid.*).—Dies., 1851a, 202 (to *Asc.*).—Rud., 1809a, 201 (to *A.*).
- spiralis* (Rud., 1795) Zed., 1803a, 110 (in *intestinis Falc. buteon. et milv. et strigis alaconis Linn., ventriculo vicinis*).—Dies., 1851a, 157 (so. *Asc. depressa*).—Mol., 1861c, 281 (so. *A. d.*).—Rud., 1809a, 143 pars (so. *A. d.*), 190 (to *A.*).
- squali* (Gmel., 1790) Zed., 1803a, 124 (in *Squalo glaberrima*).—Dies., 1850a, 619 (so. *Cephalocotyleum squali-musteli*).—Rud., 1809a, 200; 1810a, 379 (so. [*Dubium*] *squali-musteli*).
- strumosa* Zed., 1800a, 23, 64–66 (in *intestinis Phasian. dom.*); 1803a, 112.—Dies., 1851a, 159 (so. *Asc. gibbosa*).—Hass., 1896a, 5 (so. *Het. perspicillum*); 1896b, 2 (so. *H. p.*).—Rail., 1893a, 406 (so. *H. p.*).—Rud., 1809a, 167 (so. *A. g.*).
- tardæ* (Gmel., 1790) Zed., 1803a, 120 (in *Otidis tardæ interaneis*).—Rud., 1809a, 241 (to *Str.*).
- tenuissima* Zed., 1800a, 23, 57–58 (in *intestinis Gadi lotæ*; by Zed.).—Dies., 1851a, 179 (to *Asc.*).—Rud., 1809a, 185 (to *A.*).
- tetraonis* (Gmel., 1790) Zed., 1803a, 120 (in *tetricis interaneis*).—Dies., 1851a, 148 (so. *Asc. vesicularis*).—Mol., 1861c, 290 (so. *Het. vesicularis*).—Nordm., 1840, 656 (so. *A. compar*).—Rud., 1809a, 161 (so. *A. c.*).
- tigridis* (Gmel., 1790) Zed., 1803a, 115 (in *tigridis intestinis*).—Dies., 1851a, 189 (to *Asc.*).—Rud., 1809a, 194 (to *A.*).
- triquedra* Zed., 1800a, 43 (for *triquetra*).
- triquetra* (Schränk, 1790) Zed., 1800a, 22, 43–45 (in *intestinis vulpis*).—Dies., 1851a, 182 (to *Asc.*).—Rud., 1809a, 139 (to *A.*).
- truncata* Zed., 1803a, 105–106 (*Asc. hermaphrodita* renamed) (in *intestinis Psittaci æstiv. Linn. tenuibus*).—Dies., 1851a, 183 (to *Asc.*).—Rud., 1809a, 195 (to *A.*).
- trutæ* (Gmel., 1790) Zed., 1803a, 123 (in *intestinis farionis*).—Dies., 1851a, 178 (so. *Asc. obtusocaudata*).—Rud., 1809a, 202 (to *A.*).
- vermicularis* (Linn., 1758) Zed., 1803a, 107–108 (in *puerorum intestinis, potissimum recto*).—R. Bl., 1888a, 711 (to *Oxyurus*).—Braun, 1903a, 303; 1908a, 342; 1915a, 368.—Brumpt, 1910a, 350.—Cast. & Chalm., 1910a, 444; 1913a, 547.—Chiaje, 1825a, 5 (to *O.*).—Dies., 1851a, 145 (to *Asc.*).—Dungl., 1893, 107, 463.—Küech., 1855, 275.—Rud., 1809a, 153 (to *A.*).—Ward, 1895, 301 (to *O.*), 331 (in *Homo*), 343 (in *Canis fam.*); 1903, 223 (to *O.*).
- vermikularis* Schneidem., 1896a, 323 (for *vermicularis*).
- visceratis* (Gmel., 1790) Zed., 1803a, 114–115 (in *Canis fam. renibus*).—Anacker, 1891e, 407.—R. Bl., 1888a, 727 (so. *Eustr. gigas*).—Dies., 1851a, 327 (renamed *Eustr. g.*).—Duj., 1845a, 113 (so. *Str. gigas*).—Dungl., 1893a, 463.—Rud., 1809a, 211 (so. *S. g.*).—Stoss., 1899, 58 (so. *E. g.*).

FUSARIA—Continued.

- vituli* (Gmel., 1790) Zed., 1803a, 117-118 (in vitulorum per artem infectorum pulmonibus et tracheis gregaria vivipara).—Dies., 1851a, 316 (so. Str. micrurus).—Rud., 1809a, 245. (so. S. vitulorum).—Stoss., 1899, 71 (so. S. m.).
wernerii (Rud., 1793) Zed., 1800a, 21, 42-43 (in intestinis Canis domest.).—Dies., 1851a, 181 (so. Asc. marginata).—Dungl., 1893, 463.—Rud., 1809a, 138 (so. Asc. marg.).

GAIGERIA Rail. & Henry, 1910, 312, 313-314 (tod. pachyscelis); 1912, v. 14, 565 (g. of Bunostomeæ, Strongylinæ).—Geddelst, 1911, 125.—Lane, 1917, IJMR, 420, 422.—Nev.-Lem., 1912a, 648, 1213.—Rans., 1911a, 124.

- pachyscelis* Rail. & Henry, 1910, 314 (in mouton, bœuf; Lahore, Punjab, Leopoldville, Congo).—Gaiger, 1911, v. 6 (3), 301-306, 4 figs. (in cattle, sheep).—Geddelst, 1911a, 126 (in ox, sheep; India, Congo).—Lane, 1917, 434.—Nev.-Lem., 1912a, 743.—Rail., 1915, 492; 1915, IVC, 735.—Rans., 1911a, 13, 124.

GALEICEPS Rail., 1916, JP, 99, 100, 103 (tod. cucullus) (Thelaziidæ).
cucullus (Linst., 1899) Rail., 1916, 104 (in Potamogale velox).

GAMONEMATOIDEA Dies., 1851a, 78 (tribe, contains: Hypophalli, Acrophalli).—Goldb., 1855a, 109.—Kolenati, 1856d (1857d), 13 (ord., contains Ophiost., Trichosomum, Fil.).—Mol., 1858, 1861c, 144, 275 (tribe).

GANGULATERAKIS Lane, 1914, Oct., pl. 76 (for Ganguleterakis).

GANGULATERAKIS Lane, 1914, IJMR, 656, 660 (tod. gangula), pl. 76 (Gangulaterakis); 1916, IJMR, 100; 1917, IJMR, 756.—Hall, 1916a, 45 (so. Het.).

- gangula* Lane, 1914, 660-662, pl. 76 figs. 11-14 (in Mus decumanus; Berhampore, Bengal); 1917, 756.—Hall, 1916a, 45, 48 (so. Het. spumosa).

psophiæ (Trav., 1913) Lane, 1917, 756.

spumosa (Schneid., 1866) Lane, 1917, 756.

Gapes (English vernacular name for infection with Syngamus trachealis).—Theobald, 1896a, 73-85, fig. 22.

GEIGERIA Nev.-Lem., 1912a, 1213 (misprint for Gaigeria).

Geophagia (see also Uncinariasis).—Heusinger, 1852.

GIGANTHORHYNCHIDE Mont., 1905d, 11 (f. of Promonemida; contains Gigantorh. See Gigantorhynchidæ).—Nev.-Lem., 1912a, 849.

GIGANTHORHYNCHUS Mont., 1905d, 11 (for Gigantorh.).—Nev.-Lem., 1912a, 840.

GIGANTORHYNCHIDE Trav., 1915, Bm, v. 29, 137 (1) (for Gigantorhynchidæ).

GIGANTORHYNCHUS Weinberg & Romanovitch, 1908e, 41 (for Gigantorhynchus).
gigas (Bloch, 1782) Weinberg & Romanovitch, 1908e, 41 (in Sus scrofa).

GIGANTORHYNCHIDE Hamann, 1892d, 196.—R. Bl., 1895, 791.—Mont., 1905d, 11 (fam. of Promonemida, contains Gigantorh.).—Nev.-Lem., 1912a, 849.—Shipley, 1896a (1901b), 183, 185; 1900b, 440 (contains Gigantorh.); 1916c, 215.—Trav., 1915, Bm., v. 29 (18), 137 (1) (contains Gigantorhynchinae, Prostenorchinæ); 1915, Bm. v. 29, 105 (3-4) (Brazilian).

GIGANTORHYNCHINE Trav., 1915, 137 (1) (subf.; contains Gigantorh., Moniliformis, Oligacanthorh., Hamaniella).

GIGANTORHYNCHUS Hamann, 1892d, 196 (tod. echinodiscus).—Brumpt, 1910a, 476.—Daniels & Stanton, 1907a, 350.—Fiebiger, 1912a, 304.—Geddelst, 1911a, 135.—Lühe, 1905a, 342; 1905b, 267, 342; 1912, v. 1, 273.—Marotel, 1899d, 228, 301.—Marval, 1905a, 201, 205, 337.—Nev.-Lem., 1904a, 133; 1906a, 323; 1908a, 511; 1912a, 840.—Pratt, 1916a, 230.—Skrj., 1913 v., 35, 410-411.—Shipley, 1896c, 215; 1900b, 440.—Stiles, 1914, MM, v. 2, 271.—Stiles & Hass., 1905b, 108-109.—Trav., 1915, Bm., v. 29, 105 (3); 1915, Bm., v. 29, 132 (1).—Tyson, 1903a, 1198.—Ward, 1896a, 257-272.—Zsch., 1904c, 61.—See also Gigantorhynchui, Gigantorh.

asturinus Johnst., 1913, RAITM, 93-94, pl. 17 figs. 38-41 (in Astur novæ-hollandiæ; N. Queensland); 1912, v. 12, 108 (in A. n.-h.; N. Q.).

auræ Trav., 1913, v. 5 (3), 252-255, 1 fig. (in Cathartes aura; Piahy, Brazil).—Porta, 1914, 485 (so. compressus) (in C. a.).

cestodiformis (Linst., 1904) Porta, 1908, AdP, v. 12, 279 (in intestine Erinacei albiventer, E. frontalis; Africa).

circumflexus (Mol., 1858) Porta, 1908, v. 12, 278-279 (in Talpa europæa; Italy).

GIGANTORHYNCHUS—Continued.

compressus (Rud., 1802a) Marval, 1905a, 197, 198, 205, 206, 207, 208, 209, 210, 211, 212, 213, 215, 337-352, 365, pl. 4 figs. 124-133, 139-141 (s. *spira*, *tænioides*, E. *charadrii-pluvialis*, *compressus*, *coraciae*, *cornicis*, *falconis-cyanei*, *lagenæ-formis*, *macracanthus*, *manifestus*, *oligacanthoides*, *oligacanthus*, *pici-collaris*, *ricinoides*, *spira*, *tænioides*, *uromasticis*) (in *Alectrurus jetapa*, *Archibuteo sancti-johannis*, *Asturina nitida*, *Bubo magellanicus*, *Bucco* sp., *Busarellus nigricans*, *Buteo albicaudatus*, *Campophilus pollens*, *Cariama cristata*, *Cathartes atrata*, C. *aura*, C. *papa*, *Charadrius pluvialis*, *Colaptes mexicanus*, *Coloeus monedula*, *Cooperastur pectoralis*, C. *pileatus*, *Coracias garrula*, *Corone cornix*, *Dendrocolaptes concolor*, *Dendrocincla turdina*, *Formicarius colma*, *Fornarius rufus*, *Geranospiza cœrulescens*, *Gypætus barbatus*, *Harpagus bidentatus*, *Leptodon cayennensis*, *Marphnus urubutinga*, *Nizaetus pennatus*, *Philentoma velatum*, *Rhamphastos erythror.*, *Rhea americana*, *Rhynchotus rufescens*, *Rupornis magnirostris*, *Spizaetus coronatus*, *Sturnus pyrrhoc.*, *Synallaxis albescentis*, S. *rutilans*, *Theristicus caudatus*, *Tinnunculus sparverius*, *Trogon melanurus*, T. *meridionalis*, *Turdus* sp., *Upupa epops*, *Vanellus vanellus*, *Vultur* sp.).—Fuhrm., 1908, 22, 23.—Porta, 1908, v. 3 (3), 225, 242-245, pl. 9 figs. 15-16 (in *Boa constrictor*, *Bothrops jaraca*, B. *neuwiedii*, *Coluber lichtensteinii*, *Dipsadomorphus dendrophilus*, *Dryophylax nattereri*, *Elaps corallinus*, *Elaphus quadrilineata*, *Erythrolamprus venustissimus*, *Ofidii*, *Ophis cœruleus*, O. *merremii*, *Oxyrhopus plumbeus*, *Palmipedi*, *Philodryas olfersii*, *Pseudophis cinerascens*, *Saurii*, *Uromastix acanthinura*, *Xenopeltis unicolor*): 1910, 703 (in *Calamocichla brevipennis*: Cape Verde); 1911, 378; 1914, 485 (in *Cathartes aura*).—Rail. & Henry, 1911, 581-582; fig. 6 (in R. a.).

echinodiscus (Dies., 1851) Hamann, 1892d, 196.—A., D., & E., 1901b, 2.—Bieler, 1913, 573, pl. 41 fig. 5.—von Ihering, 1902a, 45 (in *Myrmecophaga* sp.).—Lühe, 1905b, 342, 343; 1911a, 5.—Marval, 1905a, 201.—Porta, 1908, AdP, v. 12, 277 (in M. *didactyla*, M. *jubata*, M. *tetradactyla*: Brazil, Surinam).—Shipley, 1896a (1901b), 184, 215; 1900b, 440 (in *Cycloturus didactyla*, M. j., *anteaters*).—Stiles & Hass., 1905b, 108.—Trav., 1915, Bm, v. 29, 105 (3).—Zsch., 1904c, 61 (in M.).

empodius Skrz., 1913, ZJ, 411-412, pl. 16 figs. 13-14 (in *Ardea cinerea*; Russian Turkestan).—Kostylev, 1916, 394.

gigas (Bloch, 1782) Hamann, 1892d, 196.—A., D., & E., 1901b, 2.—Aless., 1913, v. 56 (5-6), 161-162; 1913, 349-371.—R. Bl., 1906, 374.—Brumpt, 1910a, 476; 1913a, 538.—Cary, 1915, (Bull. 185), 44-46.—Cast. & Chalm., 1910a, 446, 450, 926; 1913a, 566, 1293.—Galli-Val., 1907, 225 (in porc; Tunis).—Martin & McKittrick, 1917, 378(8), fig. 11.—Marval, 1905a, 201.—Nev.-Lem., 1902a, 129, 130 (fig.), 131; 1904a, 133, 134, 135; 1906a, 322, 323, figs. A-B; 1908a, 513.—Noë, 1910, AiB, v. 53, 315-317.—Pratt, 1916a, 230, fig. 367.—Rail., 1893a, 565 (s. *Asc. lumbricoides pars*, *Tenia hirudinacea*).—Schlammpp, 1887a, 44.—Shipley, 1896a (1901b), 174, 177, 183, 184, fig. 95 (adult in vertebrates; larva in invertebrates): 1903i (k), 53, 54 (9, 10) (in *Cetonia aurata*, *Lachnosterna arcuata*, *Melolontha vulg.*, *Sus cristatus*; *Batalu-oja*, Ceylon, N. A.).—Ward, 1895a, 325-327, 332, figs. 80-82 (s. T. h.) (in *Homo*); 1903l, 224, figs. 3570-3571 (s. T. h.); 1903d (e), 704; 1916, 703-704, figs. 4115-4116.—Wehrmann, 1909a, 210, 216.—Weinberg & Romanovitch, 1908e, 41 (path.).—Also reported for *Sus scrofa*.

hamatus (Linst., 1897) [Linst., 1897i, 33, figs. 16-17 (in *Potamochoerus edwardsii*; Madagascar)].—(Linst., 1897) Porta, 1908, v. 12, 277 (in intest., *Potamochoerus edwardsi*; Mad.).

hirudinaceus (Pall., 1781) Rail., 1893a, 565.—Geddes, 1911a, 135 (in hog and man).—Guiart, 1910a, 433.—Hut. & Mar., 1913b, 217.—Mote, 1914, 29, 43-46, figs. 14-15.—Nev.-Lem., 1912a, 841.—Noë, 1914, v. 10 (5), 46-118, pls. 1-2.—Pillers, 1914, 5.—Stiles, 1914, MM, v. 2, 297.—Van Cleave, 1916, 170.

hirudinaceus (Dies., 1851) Porta, 1908, v. 12, 277-278. (for *hirudinaceus* Pallas, 1781) (in *Canis aureus*, *Cebus fatuellus*, *Dicotyles torquatus*, *Felis lynx*, *Hapale rosalia*, *Homo*, *Hyena striata*, *Inuus ecaudatus*, *Megalotis cerdo*, *Nasua narica*, N. *socialis*, *Procyon lotor*, *Sus cristatus*, S. *seroia*, S. s. *dom.*; Europe, Africa, Madagascar, N. A., & S. A.) (larva in *Cetonia aurata*, *Lachnosterna arcuata*, L. *dubia*, L. *hirticula*, *Melolontha vulg.*, *Monticola saxatilis*).—Rail. & Henry, 1911, 699 (in porc; Annam).

lumbricoides (Müell., or Gæze, 1782a) Rail., 1893a, 566.

GIGANTORHYNCHUS—Continued.

- major* (Brems., 1821) Porta, 1908, v. 12, 279 (in *Erinaceus europæus*; Europe).
- microcephalus* (Rud., 1819) Porta, 1909, 256–257, pl. 5 figs. 16a–e (in *Didelphys aurita*, *D. cancrivora*, *D. murina*, *D. philander*, *D. virginiana*; Brazil).
- mirabilis* Marval, 1904a, 582 (in a bird); 1905a, 205, 206, 301, 303, 306, 308, 353–356, pl. 4 figs. 120–123, 137–138 (in *Vultur* sp.; Mus. Wien); 1905, v. 13, 195–387, 4 pls.; 1905a, 582 (in bird); 1907, AN, v. 2 (3), 27–29, 175.—Kostylew, 1914, 188; 1916, 394.
- moniliformis* (Brems., 1819) Rail., 1893a, 568.—Brumpt, 1910a, 478; 1913a, 539.—Gedöelst, 1911a, 135 (in dog, man, rat; Italy).—Guiart, 1910a, 433.—Johnst., 1912, 93 (in *Mus decumanus*; Queensland).—Lühe, 1911a, 5 (in *Blaps mucronata*, *Cricetus cricetus*, *Mus norvegicus*, *Microtus arvalis*, *Periplaneta americana*).—Magal., 1898b, 361–368, figs. 1–4 (adult in M. d., larva in P. a.).—Nev.-Lem., 1902a, 129, 131; 1904a, 133, 135; 1906a, 324; 1908a, 515.—Nicol, 1914, Sept. 12, 4; 1915, 408 (in rats; Q.).—Porta, 1908, v. 2 (22), 6 (in *Mus rattus*; Trieste); 1908, v. 12, 278 (in *Arvicola arvalis*, *Canis fam.*, *Cricetus irumentarius*, *Falco cinereus*, *Homo*, *Meriones sinaiticus*, *Mus d.*, *M. iuscirostris*, *M. r.*, *Myoxus quercinus*, *Putorius putorius*, *Sciurus vulpinus*; Europe, Africa, Brazil) (larva in *Blaps mucronata*, Per. a.); 1914, ZA, 484 (in “cane”).—Seur., 1912, CrSB, v. 72 (2), 62–63 (in *Erinaceus algirus*, P. a.; Djerba Isl.).—Stiles, 1914, MM, v. 2, 297.—Verdun, 1907a, 428 (in rats, surmulot; larva in B. m.).—Ward, 1903d (e), 704; 1903l, 225 (in field mice, rats, etc., *Homo*; larva in B. m.; Italy); 1916, 704.
- otidis* (Marval, 1905) Kostylew, 1914, CiB, v. 72, 531–536, figs. 1–8 (in *Houbara macqueni*, *Numidia ptilorhyncha*, *N. rikwæ*, *Oedicnemus crepitans*, *O. tarda*); 1914, ZA, 187, fig. 1.
- rhopalorhynchus* (Dies., 1851) Porta, 1908, v. 3 (3), 245, pl. 9 figs. 17–18 (in *Caiman palpebrosus*, *C. trigonatus*, *Champsia fissipes*, *C. gibbiceps*, *C. punctulata*, *Jacare nigra*, *J. sclerops*).
- semoni* Linst., 1898a, 471–472 (115–116) to (Gigantorh.), pl. 35 figs. 16–29 (in intest. *Parameles obesula*; Australia).—Porta, 1908, v. 12, 276–277 (in P. o.; A.).—Zsch., 1904a, 293 (in P. o.); 1904c, 61 (in P. o.; A.).
- spira* (Dies., 1851) Hamann, 1892d, 196.—Fuhrm., 1908, v. 10 (1), 22, 23 (so. compressus) (in *Cathartes*, *Gypagus*; Brazil & Europe).—von Ihering, 1902a, 45 (in C. sp., G. sp.).—Marval, 1905a, 201, 338 (in *Sarcophagus papa*) (so. compressus).—Shipley, 1896a (1901b), 184 (in S. p.); 1896c, 215 (in S. p.); 1900b, 440 (in S. p.).—Zsch., 1904c, 61 (in C., G.).
- spirula* (Olfers, 1819) Porta, 1909, Az, 260–261, pl. 5 figs. 21a–b (in *Canis aureus*, *Cebus fatuellus*, *Felis lynx*, *Hapale rosalia*, *Inuus ecaudatus*, *Lemur brunneus*, *L. coronatus*, *Megalotis cerdo*, *Midas* sp., *Nasua narica*, *N. socialis*, *Perodicticus potto*, *Procyon lotor*; Brazil, Africa, Madagascar): 1912, ZA, v. 39 (5–6), 233–235, 1 fig. (*Erinaceus algirus*; Bou-Saâda).—Seurat, 1913, 5 (in *Erinaceus deserti*, *Macrosclides rozeti*); 1913, 130 (in *Blaps*, E. d., E. algirus, M. r.).
- tenioides* (Dies., 1851) Hamann, 1892d, 196.—Fuhrm., 1908, v. 10 (1), 22, 23 (so. compressus) (in *Caracara*; Brazil, Europe).—von Ihering, 1902a, 45 (in C. sp.).—Marval, 1905a, 197, 201, 338 (so. compressus).—Shipley, 1896a (1901b), 184 (in *Dicholophus cristatus*); 1896c, 215 (in D. c.); 1900b, 440 (in C., D. c.).—Zsch., 1904c, 61 (in C.).
- GIGANTORRHYNCHUS Hut. & Mar., 1913b, 517 (for *Gigantorhynchus*).
- hirudinaceus* (Pall., 1781) Hut. & Mar., 1913b, 517.
- GIGANTOSRYHNCHUI Daniels & Stanton, 1907a, 350 (misprint for *Gigantorhynchus*).
- GIGAS Schlammpp, 1887a, 44 (refers to *Echinor. gigas*; not clear that it is intended for a generic name).
- GIRETERAKIS Lane, 1917, IJMR, 754, 758–765 (tod. *girardi*) (near Het.).
- girardi* Lane, 1917, 754, 758–763, figs. 17–30 (in *Hystrix bengalensis*; Zool. Gard. Calcutta).
- GLOBIOCEPHALUS Mol., 1861a, 436, 534–537 (12, 110–112) (mt. *longemucronatus*) (see also Characost.) [not *Globicephalus* Lesson, 1828, mammal, renamed *Globiocephalus* Gray, 1843, *Globicephalus* Ben., 1880, *Globiceps* Flower, 1883 (not *Lepelletier* and Serv., 1825)].—Aless., 1909, AdP, v. 13 (3), 458–476, figs. 1–24.—Linst., 1897d (e), 184–187 (1–4), figs. 1–4 (cf. *Anky-*

GLOBOCEPHALUS—Continued.

lostomum); 1906, v. 43, 92.—Neum., 1888a, 354; 1892a, 375; 1892d, 385.—Rail., 1885a, 350; 1896d (c), 161 (5) (renamed *Cystoc.*); 1902b, 109 (3) (so. Ch.).—Rail. & Henry, 1909b, 170 (so. Ch.).—Sl. & Sw., 1912a, 383.—Smith, Fox, & White, 1908a, in 283–294, 10 pls.—Stiles & Hass., 1905b, 109.

longemucronatus Mol., 1861a (b), 536–537 (112–113), pl. 6 figs. 3–4 (in *Sus scropha dom.*; Wien).—Aless., 1909, AdP, v. 13, 458, 474, fig. 21.—Fiebiger, 1912a, 278.—Linst., 1897d (c), 184–187 (1–4), figs. 1–4 (in *S. s. d.*).—Neum., 1888a, 394; 1892a, 424; 1892d, 435.—Rail., 1885a, 350 (in pig; Wien); 1893a, 455; 1896, 161 (to *Cystoc.*).—Sl. & Sw., 1912a, 383, 402.

macaci Smith, A. J., 1908a, 268 (in *Macacus nemestrinus*; Phila. Zool. Gard.).—Braun, 1915a, 351.—Brumpt, 1913a, 457.—R., H., & J., 1913, 267.—S., F., & W., 1908a, 290–291, pl. 8 (in *M. n.*).

GNATHOSOMA Krefft, 1871a, 210 (misprint for *Gnathostoma*).

GNATHOSTOMA Owen, 1836f, 123–126 (mt. *spinigerum*) (see also *Cheiracanthus*); 1838a, 131–135.—R. Bl., 1895 (1896b), 747 (*Gnathostomum*).—Braun, 1895b, 212, 218; 1903a, 253, 259 (so. Ch.); 1906a, 281 (so. Ch.); 1908a, 291; 1915a, 302.—Brumpt, 1910a, 333, 426; 1913a, 398, 489.—Carus, 1863, v. 2, 460 (so. Ch.).—Cast. & Chalm., 1910a, 405; 1913a, 520.—Daniels & Stanton, 1907a, 350.—Dies., 1839a, 221.—Duj., 1845a, 287.—Edelm., 1914a, 270.—Fedtsch., 1872a.—Fischer, 1840, v. 13 (1), 153.—Gedöelst, 1911a, 105.—Huber, 1898a, 7 (bibliography).—Krefft, 1871a, 210 (*Gnathosoma*).—Looss, 1911a, 515.—Moniez, 1896a, 299, 396 (in mammals, alligator, fish).—Neum., 1892, 345.—Nev.-Lem., 1904a, 97; 1906a, 311, 312; 1908a, 420.—Porta, 1908 (4), 455 (to Ch.).—Rail., 1893a, 546–548 (to Ch.).—St.-Joseph, 1900, 228, 229.—Schneidm., 1896a, 304 (so. *Cheiracanthus*).—Sl. & Sw., 1912a, 364–365.—Stiles, 1914, MM, v. 2, 271.—Stiles & Hass., 1905b, 109.—Verdun, 1907a, 321.—Weinberg & Brimont, 1909a, 104–106, figs. 1–3 (pathology); 1909b, 127; 1909c, 357.

accipitri Skrj., 1916, CrSB, 972; 1916, 461, 535, 538, figs. 47–49b (in *Aquila imperialis*; Aoulié-ata, Syr-Daria).

gracilis (Dies., 1838–39) Stoss., 1900a, 1 (in *Sudis gigas*, Vastres cuvieri).—Braun, 1915a, 304 (*gracile*).—Ratz, 1900f, 180.—Skrj., 1916, 534 (in *S. g.*).

hispidum Fedtsch., 1872a, [nv.].—Braun, 1895b, 219; 1903a, 260 (in *Bos taurus*, Berl., *Sus scrofa*, Turkestan & Hungary); 1908a, 292; 1915a, 304.—Braun & Lünehe, 1909a, 151; 1910a, 165.—Ciurea, 1911, v. 10 (4), 288–292, pl. 3 figs. 1–4.—Cobbold, 1879b, 412.—Collin, 1893a, 119–120 (in cattle); 1893b, 1; 1893c, 567.—Craig, 1915, 501 (treatment).—Csokor, 1882a, 1–22, pl. 1 figs. 1–10 (in stom. of swine; Austria); 1888a, 53–54.—Edelm., 1916, 258.—F., S., & T., 1916a, 384, 385.—Fiebiger, 1912a, 228, figs. 145–147.—Fröhner, 1915a, 260.—Garin, 1913, 133–145, 150, figs. 46–55.—Gedöelst, 1911a, 105 (in hog; T., H., Congo).—Hempelm., 1912a, 108.—Hut. & Mar., 1913b, 477, fig. 61.—Mans., 1907, 4th ed. 734 (in hogs).—Nev.-Lem., 1912a, 833.—Ostertag, 1899a, 419.—Rail., 1885a, 393 (in hogs); 1893a, 547; 1915, 494; 1915, IV C, 736.—Rail. & Henry, 1911, 698 (in porc; Annam).—Ratz, 1898a, 390–393; 1899d, 327–329 (in swine; India); 1900f, 180–182, 184–186, pl. 5 figs. 1–5; 1900, v. 23, 178–186, pls. 5 figs. 1–10.—Schneidm., 1896a, 323 (in cattle, swine, wild hog).—Skrj., 1916, 534 (in *S. s.*, *S. s. d.*).—Sl. & Sw., 1912a, 365, 400, 403.—Stoss., 1900a, 1.—Stoedter, 1901a, 61, 94 (in *S. s.*).—Ward, 1895a, 334 (in *B. t.*).—Wolffh., 1912, v. 11 (1), 65 (in *B. t.*).

hispidum suis (Csokor, 1882a, 1–22, pl. 1 (to *Cheiracanthus*) (in swine; Austria).

horridum (Leidy, 1856) Stoss., 1900a, 1. (*horrida*)—Braun, 1915a, 304.—Skrj., 1916, 534 (in *Alligator mississippiensis*).

paronai Porta, 1908, v. 33 (1), 8–9, figs. 1–2 (*Echinor. sp.* 1898) (in *Mus rajah*; Isle Mentawai near Sumatra); 1908 (4), 455 (in *M. r.*).—Braun, 1915a, 304.—Skrj., 1916, 534.

paradoxa (Linst., 1903) Linst., 1904n, 301 (= *shipleyi*) to *Rictularia* (*Gnathost.*).

pelecani (Chatin, 1874) Skrj., 1916, CrSB, 972; 1916, 535, 537 (in *Pelecanus nocrotalus*).

radula (Schneid., 1866) Braun, 1915a, 304 (Philippines).—Skrj., 1916, 534 (in *Paradoxurus philippinensis*).

robustum (Dies., 1839) Rail., 1885a, 393 (in *Chien paria*. *Felis cat.*, *F. concolor*, *F. tigris*); 1893a, 547 (so. *spinigerum*).—Cast. & Chalm., 1913a, 520.—Fiebiger, 1912a, 229.—Stoss., 1898c, 98 (so. *s.*).

GNATHOSTOMA—Continued.

- schylei* Skrj., 1916, 535 (for shipleyi) (in Diomedea).
- shipleyi* Stoss., 1900a, 1-2, figs. 1-5 (in Diomedea exulans; W. Pacific).—Linst., 1904n, 301 (=Rictularia (Gnathost.) paradoxa).—Shipley, 1900c, 560-562, fig. G (in D. e.; W. P.).—Skrj., 1916, CrSB, 971, 972 (type of Seuratia).
- siamense* (Levin., 1890) Rail., 1893a, 548.—Assénova, 1899, 50, 52, 53, 104, 119-120.—R. Bl., 1895, 786 (in Homo; Bangkok); 1900g, 486.—Braun, 1895b, 218-219; 1903a, 259-260, fig. 198; 1906a, 281-282, fig. 193; 1908a, 292, fig. 244; 1915a, 303, fig. 269.—Brumpt, 1910a, 417; 1913a, 489.—Cast. & Chalm., 1910a, 406, 447, 1033; 1913a, 520, 1428.—Daniels, 1910a, 71, 156.—F., S., & T., 1916a, 384, 385, fig. 275.—Gedöelst, 1911a, 105, fig. 146 (in Siamese).—Huber, 1898a, 7 (to Cheiracanthus).—Leiper, 1909, P, v. 2 (1-2), 77-80; 1913, 281, figs. 29-30.—Linst., 1890, 51.—Mans., 1907, 4 ed., 734-735, fig. 143.—Moniez, 1896a, 396-397.—Nev.-Lem., 1902a, 95, 125; 1904a, 97, 129; 1906a, 312; 1908a, 505.—Sambon, 1908f, 35.—Schneidem., 1896a, 306 (in H.).—Sl. & Sw., 1912a, 365, 404, fig. 200.—Stiles, 1907, 611 (in H.); 1914, MM, v. 2, 302.—Stitt, 1910a, 233, 311; 1916a, 314, 422.—Stoss., 1900a, 1 (in H.).—Vauil., 1901a, 124.—Verdun, 1907a, 423-424, fig. 155 (in H.; Bangkok).—Ward, 1895a, 331 (in H.); 1903l, 210 (in H.); 1903d (e), 704; 1916, 681.
- socialis* (Leidy, 1858) Stoss., 1900a, 1 (in Mustela vison).—Braun, 1915a, 304.—Skrj., 1916, 534 (in M. v.).
- species Braun, 1903a, 260 (in wild dogs; Calcutta).
- spinigerum* Owen, 1836f, 123-126 (in stomach, Felis tigris; by Owen): 1837f, 128-131; 1837g, 328-329; 1838a, 131-135.—Braun, 1895b, 219; 1903a, 260 (in F. catus, F. concolor, F. t.); 1908a, 292; 1915a, 303.—Brumpt, 1913a, 489.—Cast. & Chalm., 1913a, 520.—Crep., 1841a, 82 (in tiger).—Dies., 1839a, 222 (so. Cheiracanthus robustus).—F., S., & T., 1916a, 385.—Fiebiger, 1912a, 229, fig. 148.—Gedöelst, 1911a, 105 (in cat; India).—Leiper, 1913, 281.—Mans., 1907, 4 ed., 734-735 (in F. catus, F. concolor, F. t., Pariah dogs; Calcutta).—Mither, 1910, v. 5 (2), 284-285, pl. 24 figs. a-f (in F. c. dom.); 1912, 687-690; 1912, v. 5 (2), 150, pl. 5 1 fig. (in dom. cat, F. c., F. con., F. t.).—Nordm., 1840a, 647 (so. Ch. r.).—Rail., 1893a, 547 (so. rob., Ch. rob.); 1915, 494; 1915, IVC, 735 (in cat, dog).—Ratz, 1900f, 180 (in F. con., F. t.).—Skrj., 1916, 534 (in F. t., F. catus, Homo, Putorius).—Sl. & Sw., 1912a, 365.—Stoss., 1898c, 98 (in P. vulg.); 1900a, 1.—Youatt, 1837, v. 10, 619-622.
- turgidum* Stoss., 1902d (e), 73 (13) (in Didelphys azare; Rep. Argentina) (turgida).—Braun, 1915a, 304.—Skrj., 1916, 534 (in D. a.).
- weinbergi* Skrj., 1916, 534-535 (s. species Weinberg & Brimont, 1909a, 104-106, figs. A-C) (in Midas sp.; French Guiana).
- [GNATHOSTOMATA Claus, 1885a, 363 (a subgroup of Eucoppeoda, containing Cyclopidae, Calanidae, Notodelphyidae).]
- GNATHOSTOME Ward, 1903b, 50 (lapsus for Gnathostoma).—Weinberg & Brimont, 1909a, 104-106, figs. 1-3 (path.); 1909b, 127; 1909c, 357.
- siamense* (Levin., 1890) Ward, 1903b, 50.
- GNATHOSTOMIDÆ R. Bl., 1895 (1896b), 747.—Braun, 1895b, 212, 218; 1903a, 259; 1906a, 274, 281.—Campb. & Lacr., 1907, 82.—Cast. & Chalm., 1910a, 405; 1913a, 520.—Daniels, 1910a, 156; 1914a, 74.—F., S., & T., 1916a, 374, 384.—Nev.-Lem., 1904a, 97; 1906a, 311; 1908a, 420; 1912a, 653, 833.—Porta, 1908, ZA, v. 33 (1), 8-9, figs. 1-2.—Rail., 1915, 494; 1915, IVC, 736; 1916, RMv, 521.—Sambon, 1908f, 35.—Schneidem., 1896a, 304, 306 (i. contains Gnathost.).—Skrj., 1916, 463, 534-535 (of Rail., 1895).—Sl. & Sw., 1912a, 312, 364.—Stoss., 1898c, 98.—Verdun, 1907a, 321 (i. contains Gnathost.).—Ward, 1916, 681.
- GNATHOSTOMUM, See Gnathostoma.
- GNATHOSTOMIDES Assénova, 1899, thèse, Nancy, 104 (fam.).
- GÆZIA Zed., 1800a, 6, 96-102 (tsd. armata Rud., 1801, 57 (=Cucullanus ascaroides)) [not Gæzia Boeck, 1871, crust.; not Gætia Karsch, 1892, insect].—Encycl. méth., Par., 1824, v. 2, 436.—Looss, 1902, 755 (=Cochlus).—Rail. & Henry, 1915, BSpE, v. 8 (5), 270-275.—Rud., 1801a, 57.—Schneid., 1866a, 12.—Stiles & Hass., 1905b, 109.
- annulata* (Mol., 1859) Rail. & Henry, 1915, 274 [in Labrax lupus].
- armata* Rud., 1801a, 57 (based on Zed., 1800a, 100); 1810a, 254, 255 (=Prionoderma ascaroides).—Dies., 1851a, 340 (so. Nematoideum siluri-glandidis).—Rail. & Henry, 1915, 271, 273.

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ascaroides (Gæze, 1782) Rail. & Henry, 1915, 274 (in *Silurus glanis*).
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kollari (Mol., 1858) Rail. & Henry, 1915, 274 [t. h. *Chrysophris aurata*].

spinulosa (Dies., 1839) Rail. & Henry, 1915, 274.

[*zederi* Rud., 1801a, 56, not in specific sense, but as *Gæzia* of Zed.]

GONGYLOMENE Vaull., 1901a, 126 (for *Gongylonema*).

scutatum (Leuck., 1873) Vaull., 1901a, 126.

GONGYLONEMA Mol., 1857a, 146–152, 216–218 (tod. minimum).—Carus, 1863, v. 2, 461.—Fayet, 1895a; 1895b, 516–517.—Gedöelst, 1911a, 110.—Hall, 1916a, 190, 191, 192, 193, 197, 198, 199, 206 (type musculi); 1916b, 520.—Mordw., 1908, v. 13 (1–2), 191.—Neum., 1894d, 463–473 (1–11), figs. 1–4; 1895a; 1895b, 143; 1895c, 515–516.—Nev.-Lem., 1912a, 652.—Rans., 1911a, 14, 17, 23, 100, 102 (s. *Myzomimus*).—Seur., 1912, CrSB, 276–279, figs. 1–5; 1914, 1017; 1916, CrSB, 717–742, figs. 1–5 (Africa); 1916, 303, 304, 312, 313, 314, 339.—Sl. & Sw., 1912a, 400.—Stiles & Hass., 1905b, 109.—Stoss., 1897b, 130 (118).—Ward, 1916, JP, 119–125, 1 pl. figs. 1–2 (in *Homo*).

brevispiculum Seur., 1914, CrSB, Dec. 11, 521–524 (5–7), figs. 1–4 (in cardiac region of stomach of *Dipodilla campestris*; Bou-Saada, Algeria); 1916, CrSB, 721–724, 741, fig. 2 (in *D. c.*; *A.*).—Hall, 1916a, 191, 196, 197–198, figs. 254–256 (in *D. c.*; *A.*).

confusum Sons., 1896m, 441 (in *Equus cab.*, Egypt).—Seur., 1916, CrSB, 726 (so. *pulchrum*).

contortum Mol., 1860e, 349 (in *Ursus arctos*; M. C. V.).—Cobbold, 1879b, 297 to Spiropt. (*Gongyl.*).—Neum., 1894d (1895a), 473 (so. *ursi*).—Stoss., 1897b, 133 (121) (s. *ursi*) (in *Ursus arctos*).

crenatum Rail., 1898b, 173 (s. *verrucosum* Giles).—Rans., 1911a, 102 (s. v.).

filiforme Mol., 1857a, 217, 220–222, figs. 7–9 (s. *Fil. gracilis simiae-inui*) (in *Simia inuus*; by Brems.).—Linst., 1899b, 22 (so. *F. g.*).—Neum., 1894d (1895a), 472, 473–474 (10–11) (in *Inuus ecaudatus*; by Brems.).—Stoss., 1897b, 132–133 (120–121) (s. *Dipetalonema caudispina*, *Fil. caudispina*, *cebi-carayæ*, *cebi-trivirgati*, g.) (in *Ateles paniscus*, *A. variegata*, *Callithrix personata*, *Cebus apela*, *C. capucinus*, *C. caraya*, *C. fatuellus*, *C. hirsutus*, *C. robustus*, *Chrysomela sciurea*, *Cynocephalus sphinx*, *Eriodes arachnoides*, *Hapale bicolor*, *H. chrysopyga*, *H. melanura*, *H. midas*, *H. rosalia*, *Inuus ecaudatus*, *Lagothrix cana*, *Myetes seniculus*, *Nyctipithecus trivirgatus*, *Pithecia monacha*).—Also reported for *Cercopithecus* sp.

inglicola Rans., 1904c, 1–3, 2 figs. (in *Gallus dom.*; U. S. A.); 1906f, 295.—Ciurea, 1914, 55–59, figs. A–C, pl. 5 fig. 4, pl. 6 figs. 3, 5.—Corelezzi, 1915, 153.—Fiebiger, 1912a, 240.—Gedöelst, 1911a, 110 (in chicken; Wash.).—Hut. & Mar., 1913b, 258.—Nev.-Lem., 1912a, 831.—Rail., 1915, 493; 1915, IVC, 735.—Seur., 1916, CrSB, 717.

minimum Mol., 1857a, 217, 218–220, figs. 1–6 (s. *Fil. musculi*) (in *Mus musculus*; M. C. V.).—Hall, 1916a, 191 (so. *musculi*); 1916b, 520.—Neum., 1894d (1895a), 472 (10) (so. m.).—Rans., 1911a, 100.—Also reported for *Mus decumanus*.

muronatum Seur., 1916, CrSB, 718–721, 738, 739, 741, figs. 1, 3–5 (s. *pulchrum* Mol. of Seur., 1912 and 1914) (in *Erinaceus algeris*; larva in *Ateuchus sacer*, *Onitis irroratus*, *Onophagus bedeli*, *Geotrypes douei*, *Gymnopleurus sturmi*; Algeria); 1916, 317–319, 346, 358, fig. 11 (s. *pulchrum*) (in *A. s.*, *G. d.*, *G. s.*, *G. n.*, *O. i.*, *O. b.*).—Maupas & Seur., 1916, 615.

musculi (Rud., 1819) Neum., 1894d (1895a), 472 (10) (s. *minimum*) (in *Mus musculus*).—Hall, 1916a, 191–192, figs. 248–251 (in *M. m.*; Austria); 1916b, 520.—Seur., 1916, CrSB, 726.—Stoss., 1897b, 132 (120) (s. m.) (in *M. m.*).

neoplasticum Fibiger & Ditlevsen, 1914, 1–28, 3 figs., 4 pls. to Spiropt. (*G.*) (in *Cavia cobaya*, *Lepus cuniculus*, *Mus decumanus*, *M. d. albus*, *M. musculus*, *M. rattus*; larva in *Blatta germanica*, *Periplaneta americana*, *P. orientalis*, *Tenebrio molitor*; originally in Copenhagen, probably from Dorpat); 1914, ZK, v. 14, 295–326, 2 pls. (in *Erinaceus europæus*, *M. dom.*=[*musculus*], *M. r.*, *M. sylvaticus*, *Sciurus vulg.*).—Hall, 1916a, 4, 191, 193–196, 198, 199 (in *Cavia porcellus*, *Epimys norvegicus*, *E. rattus*, *M. m.*, *Oryctolagus cuniculus*;

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Denmark, Danish W. Indies).—Rans. & Hall, 1916 [for 1915], JP, 84, 86 (in C. c., *Ectobia germanica*, L. c., M. d., M. r., M. m., P. a., P. o., *Tenebrio molitor*).—Seur., 1916, 346 (in E. g., *Stylopyga americana*, S. *orientalis*); 1916, CrSB, 724-726 (in M. *norwegicus*; Algeria).—[See also Spiropt. species Fibiger & Ditlevsen, 1913].

pulchrum Mol., 1857a, 217, 223, figs. 13-15 (in *Sus scrofa fera*: M. C. V.).—Cobbold, 1879b, 412.—Cortelezzi, 1915, 153.—Hut. & Mar., 1906a, 208; 1910b, 249.—Kitt, 1865a, 31, 33 (in swine; Muench.).—Korzil, 1877a, 220.—Neum., 1894d (1895a), 468-470 (6-8) (in S. s. f., S. s. dom.; Mus. Wien, Tébéssa).—Rail., 1893a, 541 (? so. *scutatum*).—Rans. & Hall, 1916, 86 (in *Ectobia germanica*, pigs).—Seur., 1912, 276, 278-279, figs. 4, 5 (in *Erinaceus algeris*; N. Africa); 1913, 127 (in *Macrosclides rozeti*); 1916, CrSB, 717, 718 (of Seur., so. *mucronatum*), 726-729, 738, 741 (s. *confusum*) (in *Macacus sinicus*, sanglier, porc, âne; Algeria); 1916, 319, 358.—Sl. & Sw., 1912a, 400.—Stoss., 1897b, 131 (119) (in S. s.; Wien, Algeria).—Ward, 1895a, 334 (in *Bos taurus*), 340 (in *Equus cab.*).

scutatum (Leuck., 1873) Rail., 1892, v. 69, 694-696 (in horse, ox); 1893a, 541 (s. *pulchrum*); 1915, 493 (of Leuck.).—Aless., 1908, v. 10, v. 17, 2 s., v. 9 (3-6), 163-166, 1 fig.—Cortelezzi, 1915, 152, 153, 154-162, figs. 1-4.—Fayet, 1895b, 516-517.—Fiebiger, 1912a, 239.—Gedølst, 1911a, 110 (in goat, horse, ox, sheep, zebu).—Harms, 1876a, 76.—Hut. & Mar., 1906a, 208; 1910b, 249; 1913b, 255.—Marzocchi, 1909, 69, 74.—Neum., 1894d, 465-468 (3-6), figs. 1-2 (in bœuf, cheval, chèvre, mouton), 470 (=G. *verrucosum*).—Nev.-Lem., 1912a, 825.—Piana, 1896b, 147 (in pecore).—Rail., 1915, IVC, 735 (in horse).—Rans., 1911a, 14, 100-101, 121, 122, figs. 119-122 (in *Bos taurus*, B. *indicus*, *Capra hircus*, *Ovis aries*; Europe, U. S., India, N. Africa, Australia).—Rans. & Hall, 1915, 1 (3), 154 (life history); 1916, JP, v. 2 (2), 80-86 (in *Aphodius femoralis*, A. *granarius*, A. *finetarius*, A. *coloradensis*, A. *vittatus*, ? A. *inquinatus*, *Ectobia germanica*, *Onthophagus hecate*, O. *pennsylvanicus*); 1917, JP, v. 3, 177-181.—Salmon & Stiles, 1902c, 84.—Seur., 1912, 276-278, figs. 1-3; 1914, 1017; 1916, CrSB, 717, 727, 729-738, 739, 740, 741, figs. 1-5 (in bœuf, chèvre, mouton, dromadaire, cheval, *Erinaceus algeris*, *Macacus sylvanus*, *Blaps* sp., B. *appendiculata*, B. *strauchi*); 1916, 315-317, 346, 358 (in B. a., B. s., B. sp., *Dipodilla campestris*, E. a.).—Sl. & Sw., 1912a, 400-403.—Stiles & Hass., 1894e, 348 (in B. t.).—Stoss., 1897b, 130-131 (118-119) (in B. t., B. *indicus*, C. h., *Equus cab.*, O. a.).—Vaull., 1901, 126.—Ward, 1895a, 334 (in B. t.), 337 (s. *verrucosum*) (in O. a.), 340 (in E. c.).—Also reported for *Sus scrofa*, S. s. dom.

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ursi (Duj., 1845) Neum., 1894d (1895a), 473 (11) (s. *contortum*) (in *Ursus arctos*; M. C. V.).

verrucosum (Giles, 1892) Neum., 1894d (1895a), 470-472 (8-10), fig. 4 (in mouton, zebu; India) (s. *scutatum*, of Rail. nec Leuck.).—Gedølst, 1911a, 110 (in sheep, zebu).—Hall, 1916a, 199.—Nev.-Lem., 1912a, 825.—Rail., 1898b, 173 (so. *crenatum*); 1915, 493 (in sheep).—Rans., 1911a, 14, 17, 100, 102, 121, 122, figs. 123-125 (in *Bos indicus*, *Ovis aries*; I.).—Rail, 1915, IVC, 735 (in sheep).—Stoss., 1897b, 131-132 (119-120) (in B. i., O. a.; I.).—Ward, 1895a, 337 (in O. a.).

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- Gordiaces** (French vernacular name for Gordiacea).—Lab., 1862, 255-256.—Rail., 1893a, 562-563.
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- GORDIIDÆ** Dies. [nv.; see Gordiidae].—Assmuss, 1865, 48.—Blunck, 1915, ZA, 289-290.—Braun, 1883a, 160.—Cam., 1897k, 387-388; 1903, 34.—Claus, 1885a, 296.—Cobbold, 1879b, 5.—Ebner, 1910, v. 47, 121-123.—F., S., & T., 1916a, 375.—Hartmeyer, 1909, 86-88, figs. 1-5.—Janda, 1894b, 590-591.—Jagers., 1909, 1-92, figs. 1-85.—Kholodk., 1898, 2; 1899a, 184.—Linst., 1906, PZSL, v. 3 (2), 556-557, fig. 95.—Rauther, 1905a, 1-94; 4 pls.; 1905b, 595-596.—Ritchie, 1915, SN, in 111-115, 136-142, figs. 1-7, 255-262 (Scotland); 1916, 198-199.—Römer, 1896a, 210-211; 1896g, 247-295, pl. 14 figs. 1-3c; 1897a, 306; 1897b, 290.—Rollst., 1888a, 686, 688.—Runther, 1904b, 416.—Shipley, 1896, 150; 1901b, 123, 164f.—Stiles, 1907c, 53, 56, 67.—Svabenik, 1908, ZA, v. 33, 385-388; 1910, 1-64, 4 figs.—Vejd., 1888b, 583-585; 1888, 188-216; 1894d, 684-685; 1898a, 382-384.—Villot, 1887b, 593; 1887e, 958-959; 1889, 304-306.—Wierzejski, 1896a, 216-217.
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- GORDIIDEA** Dies., [nv.; see Gordiacea].—Carus, 1863, v. 2, 464 (iam. contains Gordius).
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- (AUSTRALIA) Krefft, 1871a, 210.
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- (CAIRO, EGYPT) Looss, 1892a, 27, 28, 41, 62, 67; 1902m, 747-748, 749.
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- (FRANCE) Bail., 1866b, 6, 10.—Ben., 1858a, 1861a, 337, 342.—R. Bl., 1897, 63–65.—Blainv., 1828a, 536–537.—Bosc, 1802a, v. 1, 225–230.—Brug., 1791a, 89, pl. 29.—Donnadieu, 1877, 57.—Duj., 1845a, 296–298.—Dum., 1807a, 25–26.—Gadeau de Kerville, 1885a, clx.—Guiart, 1910a, 259, 260, 429.—Hahn, 1894a, 11.—Lam., 1801a, 329.—Maison, 1902a, 547–548.—Moniez, 1896a, 414.—Nev.-Lem., 1904a, 133; 1906a, 319, 321; 1908a, 510.—Rail., 1893a, 562–563.—Villot, 1874a, 39–72 (monograph) (s. Seta, Seta palustris. *Vitulus aquaticus*, *Lumbricus aquaticus*, *Amphibæna aquatica*). 181–238, figs. 1–75; 1875e, 82–83; 1878, 5, 7, 8; 1886a, 271–318, figs. 1–26 (revision); 1887b, 593.
- (GR. BRIT.) A., D., & E., 1901b.—Barbut, 1783a, 6.—Rollest., 1870a, 134, 137; 1888a, 684.—Shipley, 1896a (1901b), 164, 165, 168, 169–170, 171.
- (ITALY) Balsamo-Griv., 1843a, 326–328; 1843b, 186–188; 1845a, 3–23, figs. 1–15.—Cam., 1888g, 294–295; 1888, 63; 1890, BMZAc, v. 5, 1–2; 1893c, 213–216; 1894c, 334; 1897g (h), 339–418, figs. 1–49 (monograph); 1903, v. 8, 22–29.—Maggiore, 1891b, 151.—Par., 1894a, 460, 469, 487.—Scortegagna, 1851a, 150–161.
- (NETHERLANDS) Coster, 1864a, 1–23; 1864b, 1–47.
- (NEW ZEALAND) Benham, 1901a, 66.
- (RUSSIA) Fisch. Waldh., 1799a, 96.—Kawall, 1857a, 98–101; 1857, 134–135.—Kholodk., 1899a, 184.—Knoch, 1862e, 30.
- (SWEDEN) Olss., 1867a, 1; 1869b, 482, 487.
- (U. S. A.) Girard, 1852a, 279–284.—Leidy, 1846c, 108; 1857b, 204; 1872c, 305–307; 1879g, 10–11; 1879h, 457–458.—McCrady, 1874a, 189.—Montg., 1898a, 25; 1898b, in 333–334, pls. 1–2; 1907, v. 59, in 270–272, figs. 1–3; 1899a, 650–651, 652.—Pratt, 1916a, 227.—Riley, 1878a, 326, 327, 331, 333.—Sanford, 1856a, 250.—Stiles, 1901, 164; 1907c, 54, 56, 57, 58, 67, 68; 1914, MM, v. 2, 271, 272.—Stiles & Hass., 1905b, 109 (type *aquaticus*).—Ward, 1903d, 707.—Wyman, 1861a, 278.
- (MISCELLANEOUS) Browne, 1756, 381 (the guinea worm).—Martini, 1908, 558.—Meisner, 1807, 25.—Westwood, 1851, 400.—Wilmsen, 1821, v. 3, 11.
- Anatomy: (BOHEMIA) Svábénik, 1909, v. 7, 1–64; 1910, JRMS, (3) 317.
- (DEUTSCHLAND) Grenacher, 1868a, 322–344, pls. 23–24; 1869a, 308–311; 1869b, 361–364; 1869, QJMS, v. 9, 88–89.—Schep., 1908e, 230–241, figs. 1–32.
- (FRANCE) Duj., 1842a, 117–119; 1842b, 256 (and *Mermis*); 1842e, 129–151, pl. 6 figs. 1–16.—Villot, 1887a, 189–212; 1887e, 958–959.
- (ITALY) Cam., 1888b, 1–6; 1888c, 243–248; 1888d, 737.
- , cerebral ganglion: (DEUTSCHLAND).—Rauther, 1904a, 606–614, figs. 1–4.
- , circum-intestinal cavity: (FRANCE) Villot, 1889b, 685–687; 1889d, 388.
- , epidermis: (FRANCE) Michel, 1888a, 1175–1177, fig. 1; 1889a, 1–2.
- , hypodermis: (FRANCE) Villot, 1889a, 304–306; 1889c, 388.
- , integument: (ITALY) Cam., 1889a, 1–4.
- , muscles: (DEUTSCHLAND) Grenacher, 1869c, 287–288, fig. 4.
- (ITALY) Cam., 1893d, 1–2; 1893e, 221–223; 1893f, 1–15; 1894a, 38.
- , nervous system, peripheral: (FRANCE) Villot, 1889a, 304–306; 1889c, 388.
- Classification: (DEUTSCHLAND) Römer, 1896g, 247–295.
- (FRANCE) Villot, 1884b, 84–88; 1887c, 505–509; 1887d, 627–628; 1887i, 959; 1888a, 70–72; 1888b, 228.
- (ITALY) Cam., 1897i, 225–229; 1897k, 387–388.
- Collections: (CALCUTTA) Cam., 1908, RIM, v. 2 (3), 113–117 (Indian Museum); 1912, *ibid.*, v. 7 (3), 215–216.
- (HAMBURG) Römer, 1895b, 790–803, pl. 19 figs. 1–10; 1896d, 81.
- (LEYDEN) Cam., 1895a (b), 1–14.
- (PETROGRAD) Cam., 1896d, 117–125; 1896e, 1–9; 1897a, 45.
- Development, evolution, life-history, etc.: (AUSTRIA) Kollar, 1857a, 141 (and *Mermis*).
- (BOHEMIA) Vejd., 1894a, 642–703 (development of organs); 1894b, 1–39; 1894c, 223–226; 1894d, 684–685.
- (DEUTSCHLAND) Muehldorf, 1914, ZwZ, v. 111 (1), 1–75, figs. 1–4, pls. 1–3 figs. 1–37.

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(FRANCE) Villot, 1872a, 363-365; 1872b, 231-232; 1872c, 1539-1542 (embryonic form); 1880a, 1569-1571; 1880b, 774-776; 1881a, 1-44, pls. 4-5; 1887c, 505-509; 1887d, 627-628; 1887f, 959; 1888a, 70-72; 1888b, 228; 1889h, 411-412; 1889i, 755-756 (ovo-genesis); 1891b, 329-401, figs. 1-29; 1892c, 370-371; 1896b, 123-125; 1896c, 1-3.

(ITALY) Cam., 1887f, 59; 1888a, 228; 1889, BMZAc, v. 4, 1-2; 1890a, 1-19, figs. 1-54.

(U. S. A.) Am. Nat., 1874, v. 8, 757.

Geographic distribution: (ARGENTINA) Cam., 1894b, 1-6, fig. 1; 1897f, 1-3; 1901b, 410.

(BIRMANIA) Cam., 1888h, 168-170; 1891b, 128-131, figs. 1-2; 1904, v. 19, 3.

(BOLIVIA) Cam., 1896a, 9-10; 1897b, 45; 1897f, 1-3.

(CEYLON) Cam., 1903, BMZAc, v. 18 (438), 1-2; 1903, SZ, v. 1, 34-35.

(CHILI) Cam., 1895c, 8-9.

(CHINA) Cam., 1895d, 99-100.

(ECUADOR) Cam., 1897e, 1-2.

(ENGANO) Cam., 1892d, 539-541; 1892e, 1-3.

(EUROPE) Cam., 1887b, 1-10; 1887c, 57; 1888e, 1-10, figs. 1-7.

(GALICIA) Wierzejski, 1896a, 216-217.

(GRENOBLE) Charvet, 1834a, 37-46; 1834b, 123-125; 1834c, 272; 1835b, 37-38; 1846a, 75; 1846b, 1-7, pl. 1 figs. 1-6.

(HEBRIDES) Pennant, 1774a, in 1-380; pls. 1-44; 1775a, 24.

(INDIAN ARCHIPELAGO) Cam., 1913, BtdD, v. 19, 31-33.

(IRELAND) Cam., 1908, BMZAc, v. 23 (578), 1-2.—Southern, 1909, IN, v. 18 (5), 115-117.

(ITALY) Cam., 1886a, 145-175, figs. 1-27; 1887a, 1-4; 1889, BMZAc, v. 4, 1-4; 1890, v. 5, 1-2.

(JEMTLAND, SWEDEN) Olss., 1876a, 147.

(MADAGASCAR) Cam., 1893b, 1-2; 1901d, 412 (and Sandwich Isl.).—Linst., 1897i, in 27-34, pl. 1-2.

(MALESIA) Cam., 1898a, 460-469, pl. 1; 1901a, 408.

(MATTO GROSSO, BRAZIL) Cam., 1901c, 111 (and Paraguay).

(MEXICO) Cam., 1898a, 460-469, pl. 1; 1898, BSzF, v. 23, 73-76.

(MONTAIGNE) Delaharpe, 1865a, 180-181 (in basin of a fountain).

(NEHEIM, DEUTSCHLAND) Reeker, 1895a, 27 (aqueduct).

(NEW GUINEA) Cam., 1914, v. 5, 541-542.

(PALMEIRA, PARANA) Cam., 1892b (c), 965-966.

(PARAGUAY) Cam., 1894b, 1-6, fig. 1; 1901b, 410; 1901c, 411.

(PYRENEES) Cam., 1905, BMZAc, v. 20 (505), 1-2.

(RHINE, UPPER) Lauterborn, 1906, VdzG, 268.

(SCOTLAND) Pennant, 1774a, 1-380, pls. 1-44; 1775a, 24.

(SIAM) Cam., 1903, BMZAc, v. 18, 1-3.

(SIBOGA, SUMATRA) Nierstrasz, 1907, 1-22, pls. 1-3; ZJ, 52.

(SUMATRA) Cam., 1894d, 410-412; 1894e, 1-3.—Villot, 1891c, 136-138.

(TIFLIS) Rosa, 1881a, 1-5; 1881b, 572-574.

(TURIN) Bacounin, 1790a, 23-42, figs. 1-16; 1791a, 204-214, figs. 1-17.

Morphology: (BOHEMIA) Vejd., 1886a, 369-433, pls. 15-16; 1886b, 186.

(DEUTSCHLAND) Rauther, 1905a, 1-94, pls. 1-4.

Parasitic: (FRANCE) Villot, 1884b, 84-88.

(ITALY) Cam., 1888f, 395-413.

—, in fish: (SWEDEN) Martin, 1771a, 261-269; 1775a, 258-266; 1775b, 431.

—, frog: (GR. BRIT.) Clarke, 1831a, 95-96, fig. 15.

—, in insects: (AUSTRALIA) Froggatt, 1908, v. 12 (5), 438 (codling moth).

(DEUTSCHLAND) Fiedler, 1909, ZwI, v. 5, 135 (caterpillar of *Cucullia scrophulariæ*).—Gemminger, 1849a, 63-64.—Muell., 1859b, 136-137 (in Kerien).

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- (FRANCE) Chavannes, 1864a, 183 (in *Locusta viridissima*).—Duf., 1837a, 5-20, pl. 1 figs. 1-16.
- (GR. BRIT.) Brightwell, 1835, ZJ, v. 5, 397-399 (*Molops madidus*).—Chapman, 1902a, 42 (*Erebia euryale*); 1905, AN, v. 2 (3), 47.
- (INDIA) Green, 1902, JBNHS, v. 14, 610 (*Mantis*).
- (NATAL) Pelser-Berensberg, 1909, ZwI, v. 5 (9), 284-285, fig. 1.
- (U. S. A.) Insect Life, 1892, v. 4 (3-4), 140.—Leidy, 1879e, 383-384 (cockroach).—McCook, 1885a, 293-294 (cricket).
- , in leech: (U. S. A.) Leidy, 1879e, 383-384.
- , in *Limneus*: (GR. BRIT.) Jeffreys, 1890, TLS, v. 16 (2), in 323-392.
- , in man: (CHINA) Maxwell, 1908, CMMJ, v. 22 (2), 98.
- (FRANCE) Guéguen, 1905, BSp, v. 12, 257-266, pl. 8 figs. 1-9.
- (ITALY) Cerrutti & Cam., 1888a, 264-269; 1888b, 1-6.—Fiori, 1881a, 727-736
- (SWEDEN) Martin, 1771a, 261-269; 1775a, 258-266; 1775b, 431.
- (SWITZ.) Herzog, 1913, CSA, v. 43, 1065-1068; 1913, MmW, v. 60 (41), 2302; 1913, JAMA, v. 61 (13), 1079.—Zsch., 1912, CIB, v. 63 (1), 64-67 (*G. aquaticus*).
- (U. S. A.) Clark, 1854a, 418.—Stiles, 1907c, in 53-68, figs. 35-55.
- , in *Orchelimum glaberrimum* or *O. vulgare*: (U. S. A.) Riley & Vasey, 1889, AE, v. 2 (2), 64.
- , in sheep: (GR. BRIT.) Crisp, 1873b, 276-279, figs. 1-17.
- Polymorphism: (FRANCE) Villot, 1895a, 659-664, figs. 1-4.
- (ITALY) Cam., 1888f, 395-413.
- Pseudo-parasitism: (FRANCE) R. Bl., 1897d, 614-618.—Guéguen, 1905, CrSB, v. 59 (31), 398-400.—Lab., 1897b, 675.
- Superstitions regarding: (FRANCE) Marnay, 1902a, 297.
- (GR. BRIT.) Leiper, 1913, JLSTM, v. 2 (3), 175-176.—Lister, 1672a, 4064-4066; 1731a, 771.
- abbreviatus* Villot, 1874a, 57, pl. 1, fig. 4 (*Île Bourbon*; Mus. Par.).—Cam., 1897g, 391 (53) (to Parachord.).
- aceti* (Müll., 1783) Oken, 1815a, 191.
- acilis-sulcati* Dies., 1851a, 92 (in *Acilius sulcatus*; Eng.).
- acridiorum* Weyenbergh, 1879, v. 3 (2-3), 216-217 (in *Acridium paranense*; Cordoba); 1880d, 108-109 (in A. p.; Argentine); [1880], 108-109.—Cam., 1897g, 413 (75) (A.).—Conil, 1880, v. 3 [(2-3)], 177-259, pls. 2-5.—Linst., 1889a, 106 (in A. p.).—Montg., 1898a, 27.
- acrydii* Dies., 1851a, 97 (based on Fil. Serres Ann. Mus. d'hist. nat., v. 20, 369, pl. 21 fig. 7) (in *Acrydium tuberculatum*; lng.).
- acuminatus* (Rud., 1809), Oken, 1815a, 190 (in *Noctua nupta*) to (Fil.).
- ælianus* Cam., 1894d, 410-412 (1-3) (lng.; Doloc Surugnan Sumatra); 1897g, 380 (42) (to Chord.).
- æneus* Villot, 1874a, 52, pl. 2 fig. 12 (*Cumana*, Venezuela; Mus. Par.), 67.—Cam., 1891a, 125; 1896d, 121 (5); 1897g, 405 (67) (V.); 1903, [17 Mar.] 3.—Montg., 1898a, 27.—Oerley, 1881a, 329.—Roemer, 1895b, 794; 1896g, 268.
- affinis* Villot, 1886a, 302-303, pl. 13 figs. 4-7. (Grenoble).—Cam., 1888e, 1-10; 1888f, 395-413; 1897g, 396 (58) (so. Parachord. pustulosus).
- agassizi* Montg., 1898a, 38-39, figs. 63-66 (*Sandwich Ids.*).
- agrotidis-ripæ* Dies., 1851a, 104 (in *Agrotis ripæ*; quotes Sieb., 1850, 7).
- alascensis* Montg., 1907, 270-271, 272, figs. 1-3 (*Snug Harbor*, Cook Inlet, Alaska).
- alatus* (Rud., 1809a), Oken, 1815a, 190 (in *Simia maimon*) to (Fil.).
- alauda* (Zed., 1803) Rud., 1809a, [72], 355 (to Fil.) (quotes Goeze, 1782a, 125) (in Leipziger Lerche).
- alfredi* Cam., 1894b, 1-3 (lng.; S. Pablo, S. A.); 1897g, 390 (52) (to Parachord.).—Montg. 1898a, 28.
- alpestris* Villot, 1884, 44-45 [nv.]; 1886, 294, pl. 13 figs. 1-3.—Cam., 1886a, 156-157, 158, figs. 10-13 (*Vallone delle Veggia*, Biellese, Aizy-Sur-Noyare Italy); 1887a, 4; 1888e, 1-10; 1897g, 393 (55) (to Parachord.).—Guéguen, 1905, 398-400 (in

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Homo; France); 1905, v. 12, 257-266, pl. 8 figs. 1-9.—Stiles, 1907c, 55 (in H.; F.); 66 (to Parachord.).

angulatus Linst., 1906, v. 2 (2), 243, pl. 4 fig. 2 (Funchal, Madeira).

annulatus Linst., 1906, v. 2, 243 (in *Ontonotus onos*; Amur, E. Siberia).

aphidis gallarum abietis Dies., 1851a, 100 (in *Chermetus abietis*-larva; Hartig, 1834).

aphrophoræ-spumariæ Dies., 1851a, 100 (s. *Fil. cercopidis* Rud., *F. ptyelæ-spumariæ*) (in *Aphrophora* (*Ptyela*) *spumaria*).

api-canceriformis Dies., 1851a, 86 (s. *Fil. monoculi* Gmel.) (in *Apus canceriformis*).

aquaticus Linn., 1758a, 647 (s. *Gordius*, *Vitulus aquaticus*) (*argilla et aquis*).—Aitken, 1866, 873; 1872, 170.—A., D., & E., 1901b, 2.—Assmuss, 1858, v. 2, 178 (in *Steteophyma variegatum*; Tirol) (in *Oryctes nasicornis*; Moscow) (in *Staphylinus maxillosus*; Bregen), 179 (in *Libellula pedemontana*; M.), 179 (in *Cordulia metallica*; Leipzig), 180 (in *Calpe libatrix*) (in *Zygæna filipendulæ*; M.), 181 (in *Plusia gamma*), 181 (in *Zerene grossularia*; M.), (in *Tabanus bromius*; Kaluga); 1865, 3.—Baird, 1834a, 23-26.—Barbut, 1783, 7, pl. 1 fig. 1.—Bennet & Olivier, 1826a, 56-57.—Berthold, 1842a, 1-20, figs. 1-14 (structure); 1843a, 1-18, figs. 1-18.—Blainv., 1828, 536 (s. *Seta palustris*, *Chætia* Hill, 1752).—Blumenb., 1825, 240.—von Bolschwing, 1842a, 339-341 (in *Fussgeschwuren*) (cf. *medinensis*).—Bosc, 1802a, 230, pl. 8 fig. 4.—Braun, 1895b, 246; 1903a, 306; 1908a, 349; 1915a, 373.—Brug., 1791, 89, pl. 29 fig. 1.—Brumpt, 1910a, 479; 1913a, 540.—Burm., 1837, 535.—Cam., 1886a, 153 (of Berthold, 1843, 1, so. *tolosanus*), 165, 166, 167, 168 (Duj.), 166 (Linn.), 166, 167, 168 (Meissner), 166, 167, 168 (Villot); 1897g, 398 (of Berthold, 1843, so. *Parachord. tolosanus*) 407 (69) (of Villot, pars, so. *subspiralis* Dies.), 408 (69, 70) (of Villot, so. *villoti*), 411 (73) (of Roemer, pars, so. *doriæ*).—Cast. & Chalm., 1910a, 407, 445, 926; 1913a, 523, 565, 1293.—Chiaje, 1825a, 36.—Chilton, 1801a, 147-148.—Cobbold, 1866, 9; 1866b, 12.—Crep., 1846b, 17.—Criv., 1845a, 4, 6, 7, 10, 11, 12, 13.—Desmonceaux, 1868a, 9, 17, 18.—Dewitz, 1892b, 128, fig. 88.—Drummond, 1835, Edinb. N. Phil. J., v. 19, 400.—Eichwald, 1829a, 253.—[Falk, 1787, v. 15, 84-85.]—F., S., & T., 1916a, 479.—Fellmann, 1907, v. 1 (26), Sept. 21, 194.—Forel, 1888a, 18; 1889a, 28 (Leman).—Freund, 1907, 725 (teste Hope, in *Cobitis fossilis*, *Petromyzon fluvi.*).—Galli-Val., 1901c, 358.—Geddes, 1911a, 134 (in H.).—Gmel., 1779, 47-48.—Geeze, 1792, 76.—Godsall, 1836, v. 9, May, 242.—Grube, 1849a, in 358-375, pl. 7 figs. 1-20.—Guilding, 1836, v. 9, May, 241.—Hannover, 1864a, 5.—Hartmeyer, 1909, fig. 5 (in *Silpha atrata*).—Hempel., 1912a, 107, 108, fig. 20.—Herbst, 1787a, 21, 22-23.—Hofer, 1904a, 230, 314 (in *C. barbatula* P. f., *Thymallus vulg.*).—Huard, 1905, v. 32, 117-122, 1 fig.—Johnst., 1850, 98; 1857, 262.—Kathariner, 1915, NW, v. 30, 330-331.—Kholodk., 1899a, 184.—Kirtland, 1836, 172 (in grasshopper); 1844a, 5.—Kolb, 1898, 29.—Kröy., 1852-53a, 1114.—Lam., 1801a, 329 (s. *Seta palustris*).—Lauterborn, 1913, 87L.—Leidy, 1850c (1904a), 98-100 (33-36) (development); 1851c, 262-263 (pars=varius), 266, 275; 1852b, 98; 1856b, 57 (s. *lineatus*, *robustus*, *Seta*).—Leuck., 1863, 38; 1867b, 151, 155; 1876a, 615, 649, 700; 1879a, 46; 1886d, 35.—Linst., 1883d, 373-374 (intermediate host); 1884, 137; 1892g, 503; 1898d, 747-763, pl. 22 figs. 1-8 (development); 1905, 191.—Merkel, 1857a, 34-35.—Meyer, 1913, ZwZ, 125-135, pls. 1-2.—Moniez, 1896, 413.—Montg., 1898a, 24, 27, 30, 32; 1899a, 651, 652.—Muell., 1859b, 136-137 (in Kerien).—Nev.-Lem., 1902a, 128 (fig.), 129; 1904a, 132, 133; 1906a, 320, fig. 1, 321; 1908a, 512.—Nordm., 1840, 671.—Oerley, 1881, 329.—Par., 1901e (1901f), 627 (4) (so. *tolosanus*), 628 (5).—Pellieux, 1824a, 185-197; 1825a, 493; 1826a, 289-291; 1827a, 169; 1832a, 178-179.—Pepper, 1874a, 239.—Plotnikov, 1901, 247.—Riley, 1878, 329, 331, fig. 66.—Ritchie, 1915, 114, 141, 259, 261, 285.—Roemer, 1895, 791; 1896, 258, 259.—Rollest., 1888a, 687 (1st larva in mollusks, 2d larva in carnivorous insects, e. g., *Dytiscus*, *Carabus*, *Mantis*).—Rosa, 1882a, 334 (Duj. of Villot, so. *villoti*), 336, 337, 338.—Rudow, 1904, v. 18, 69-70.—Schneid., 1866a, 8, 180.—Schreitmüller., 1911, 495-497, figs. 1-5.—Scortegagna, 1840a, . . . —Sieb., 1838, 303; 1839, 159; 1846a, 182-183; 1850, 645, 646, 662-664; 1855c, 142, 143 (in *Carabus violaceus*, *Feronia melanaria*, *Omasus melas*, *Dytiscus marginalis*, *Locusta viridissima*, *Decticus verrucivorus*, *Gomphocerus viridulus*).—Silva, 1873, 153.—Stiles, 1914, MM, v. 2, 296, 315.—Stiles & Hass., 1894e, 351 (in *Blatta* sp.).—Thomps., 1855, 184.—Thorn, 1898, 164.—Topsent, 1900, 89, 91.—Tretiakov, 1901a, 19-22, 24; 1903a,

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- , Cases in Man (*Homo*): Bacounin, 1791a, 207, 209.—R. Bl., 1890a, 88-90 (of Degland, so. *G. tolosanus* Duj.).—Cerruti & Cam., 1888b, 2.—Degland, 1823, 166-169; 1825, 309-310.—von Bolschwing, 1842a, 339-341 (in foot).—Hebra, 1875, 69-70.—Linst., 1906, v. 2 (2), 245.—Par., 1901f, 4, 5.—Patruban, 1875, 69 (Dalmatia).—Rail., 1893a, 562-563 (of Degland) (so. *tolosanus*).—Sieb., 1854, 107-109 (Bavaria).—Stiles, 1907c, 55 (Austria, Bavaria, Dalmatia, France), 56, 57-58 (Europe), 67, 68.—Zsch., 1912, S, 636 (1).
- aquaticus difficilis* Montg., 1898a, 31-32, figs. 14-15 (N. Carolina); 1899a, 650, 651 (N. A.), 652.—Stiles, 1907c, 67, 68.
- aquaticus robustus* (Leidy, 1851) Montg., 1898a, 28, 30, figs. 1-13, 16-19; 1899a, 651 (N. A.), 652.—Cam., 1903, 3.—Stiles, 1907c, 63, 67, 68.
- aquaticus* Lauterborn, 1913, 871 (for *aquaticus*).
- aranæx* (Rud., 1809) Dies., 1851a, 87 (in *Aranæx species incerta*).
- araneorum* (Schränk, 1803b) Oken, 1815a, 190 to (Fil.).
- arenarius* Müell., 1774a, 33 (in *fundo sabuloso sinus Christianiensis norvegicæ*); 1776, 213.—Bosc, 1802a, 231.—Dies., 1851a, 107.—Gmel., 1790a, 3083.—Herbst, 1787a, 24.—Wilmsen, 1821, v. 3, 14.
- argillaceus* Linn., 1758a, 647 (intra *Argillam*).—Bacounin, 1791a, 206.—Barbut, 1783, 8, pl. 1 fig. 2.—Bosc, 1802a, 231.—Criv., 1845a, 4.—Dies., 1851a, 106.—Guattanus, 1782a, 358; 1785a, 101-234, pls. 1-5; 1792, v. 17 (2) 265.—Herbst, 1787a, 21, 23.—Müell., 1776, 213.—Schneid., 1866a, 8.—Wilmsen, 1821, v. 3, 13.
- attenuatus* (Rud., 1803a) Oken, 1815a, 190 (in *Krähen*) to (Fil.).
- barbitistis-perforati* Dies., 1851a, 96 (s. *Fil. ephippigeræ-perforatæ*) (in *Barbitistes perforatus*; M. C. V.).
- barbitistis-serricaudæ* Dies., 1851a, 96 (in *Barbitistes serricauda*; Wien).
- blanchardi* Villot, 1874a, 56-57, 67, pl. 1 fig. 1 (Ile de France; Mus. Par.).—Cam., 1897g, 417 (79) (s. *violaceus* Roem.) (*Isola mauritius*).
- blapis-mortisæge* Dies., 1851a, 93 (in *Blaps mortisæga*; Eng.).—Seur., 1916, 358 (in B. m.).
- blapis-productæ* Dies., 1851a, 93 (in *Blaps producta*; quotes l'Institut, 1834, 129).—Seur., 1916, 358 (in B. p.).
- blattæ-orientalis* Dies., 1851a, 94 (in *Blatta orientalis*; Koenigsb.).—Seur., 1916, 352, 358.
- bombi* Dies., 1851a, 99 (in *Bombus spec. inc.*; by Owen).
- bombi-terrestris* Dies., 1851a, 99 (in *Bombus terrestris*; quotes Hope).
- bouvieri* Villot, 1885, 47 [nv.]; 1836, 316, pl. 15 figs. 22, 26.—Cam., 1897g, 384 (46) (to Chord.).—Janda, 1894, 606.
- brachyceri-undati* Dies., 1851a, 93 (in *Brachycerus undatus*; Dalmatia).
- bradipori-larmani* Dies., 1851a, 95 (in *Bradyporus laxmanni*; Siberia).
- bronchialis* (Gmel., 1790) Duj., 1845a, 47 (martis Werner, 1782a, 9, pl. 18 figs. 20-21, renamed) (in a "Martre").—Ben., 1858a; 1861a, 267.
- buprestidis* Dies., 1851a, 92 (for *buprestis* Rud., 1809) (in *Buprestis spec. incerta* Boucher d'Abbeville).
- calathi-cisteloidis* Dies., 1851a, 89 (in *Calathus cisteloides*; Goett.).—Baird, 1853a, 113.
- calathi-stephensii* Dies., 1851a, 89 (in *Calathus stephensii*; Eng.).
- caledoniensis* Villot, 1874a, 62-63, 67, pl. 2 fig. 8 to (Chord.) (in *Mantis*; New Caledonia; Mus. Paris).—Cam., 1897g, 381 (43) (to C.).—Janda, 1894, v. 7.—Römer, 1896, 282.
- calliptami-italici* Dies., 1851a, 97 (s. *Fil. calopteri-italici*) (in *Calliptamus italicus*; M. C. V.).
- capsularia* (Rud., 1802a) Oken, 1815a, 189 to (Fil.).

GORDIUS—Continued.

- capillaris* Fabr., 1780, 270 [nv.].—Herbst., 1787a, 24 (free).—Wilmsen, 1821, v. 3, 14.
- capitosulcatus* Montg., 1898a, 39–40, figs. 67–70 (Cuba).
- carabi-alternantis* Dies., 1851a, 89 (in *Carabus alternans*; Sicilia).
- carabi-catenulati* Dies., 1851a, 89 (in *Carabus catenulatus*; Anglia).
- carabi-hortensis* Dies., 1851a, 88 (s. *Fil. carabi-nemoralis*) (in *Carabus hortensis*; Eng.).
- carabi-monilis* Dies., 1851a, 88 (in *Carabus monilis*; Eng.).
- carabi-morbillosi* Dies., 1851a, 88–89 (in *Carabus morbillosus*; Eng.).
- carabi-violacei* Dies., 1851a, 88 (in *Carabus violaceus*; Eng., Austria).
- catocalæ-fraxini* Dies., 1851a, 104–105 (in *Catocala fraxini*; M. C. V.).
- chilensis* E. Bl., 1849e, 109 (free; Valparaiso, Chili).—A., D., & E., 1901b, 2.—R. Bl., 1890a, 91.—Braun, 1903a, 306; 1908a, 349 (in *Homo*); 1915a, 373.—Brumpt, 1910a, 479; 1913a, 540.—Cam., 1886a, 153; 1897g, 413 (75).—Cast. & Chalm., 1910a, 445, 926; 1913a, 565, 1293.—Dies., 1851a, 106.—F., S., & T., 1916a, 479.—Geddes, 1911a, 134.—Linst., 1906, v. 2 (2), 245 (in *Homo*).—Moniez, 1896a, 414.—Montg., 1898a, 24, 26.—Nev.-Lem., 1902a, 129; 1904a, 133; 1906a, 319–321; 1908a, 513.—Par., 1901, 4, 5.—Rail., 1893a, 563.—Stiles, 1907c, 58 (in H.; Valparaiso, Chile); 1914, MM, v. 2, 296.—Topsent, 1900, 89.—Villot, 1874a, 52 (V., C.), 67.
- chinensis* Villot, 1874a, 56, 67, pl. 2 fig. 7 (Pekin, Par. Mus.).—Cam., 1896d, 120–121 (4–5); 1897g, 395 (57) (so. *Parachord. kaschgaricus*), 415 (77).
- chinensis* Villot of Cam., 1895a, 2 (Borneo) (not Villot); 1897g, 371 (33) (so. *Chord. weberi*).
- chironomi-plumosi* Dies., 1851a, 105 (in *Chironomus plumosus*; by Jenyes).
- chordodes* Dies., 1851a, 94–95 (s. *Chord. parasiticus* Crep., *Fil. acanthoditis* Sieb.) (in *Acanthodis glabrata*; Brazil).—Villot, 1874a, 61 (s. *Ch. p.*, *Fil. ac.*; Brazil), 67 (in A. g.).—Montg., 1898a, 25, 26.
- chordodes* Guéguen, 1905, 399 (for *Gordius* (*Chordodes*)).
- cinctus* Fabr., 1780a, 270, fig. 3 (in fundo marino arenoso ad littora; Greenland).—Brug., 1791a, 89, pl. 29 fig. 2 A–B.—Criv., 1845a, 6.—Dies., 1851a, 107.—Herbst., 1787a, 24.—Lam., 1816b, 219; 1840a, 671.—Nordm., 1840, 671.—Wilmsen, 1821, v. 3, 14.
- cocci* Dies., 1851a, 100 (in *Coccus spec. inc.*).
- cognetti* Linst., 1907, 174 (for *cognettii*).
- cognettii* Cam., 1904, v. 19 (468), 1–3 (Alta Birmania).—Linst., 1907, AN, Jhg. 67, v. 2 (8), 174.
- coleopterorum* (Rud., 1809) Oken, 1815a, 190 to (Fil.).—Dies., 1851a, 89 (s. *Fil. carabi*) (in *Carabus sp. incert.*).
- colymbetis-ferruginei* Dies., 1851a, 92 (in *Colymbetes ferrugineus*; Eng.).
- colymbetis-striati* Dies., 1851a, 92 (in *Colymbetes striatus*; by Dohrn).
- coricæ-striatæ* Dies., 1851a, 100 (in *Corixa striata*; by Ball, 1846, v. 17, 135–136).—[Sieb., 1850, 8.]
- coronatus* (Rud., 1809) Oken, 1815a, 190 (in *Coracias garrula*) to (Fil.).
- corrugatus* Cam., 1895a, 2–3 (Sumatra); 1897g, 405–406 (67–68) (in Coll. Leyden).
- crassus* Grube, 1849a, 370 (Africa).—Cam., 1886a, 153; 1897g, 413 (75) (Africa).—Linst., 1901, 418.—Villot, 1874a, 61 (A.; Mus. Berl.), 67.
- cychni-rostrati* Dies., 1851a, 88 (in *Cychnus rostratus*; Eng.).
- cymindis-humeralis* Dies., 1851a, 88 (in *Cymindis humeralis*; Wien).
- danielis* Cam., 1894b, 4–5 (in Prov. St. Louis, Argentine); 1897g, 406 (68) (A.).—Montg., 1898a, 28.
- dectici-albifrontis* Dies., 1851a, 96 (in *Decticus albifrons*; Sicilia).—Cam., 1886a, 161 (so. *tricuspidatus*); 1897g, 400 (so. *Paragord. tricuspidatus*).
- de filippi* Rosa (1881a); 1881b, 572–574 (to *Chord.*) (Tiflis, Georgia).—Cam., 1888, 1–63, pl. 1 fig. 5, 8, 16, 18; 1897g, 382 (44) (to C.).—Janda, 1894, 606.
- densareolatus* Montg., 1898a, 29, 33–34, figs. 32–33 (Wyoming); 1899a, 650, 651, 652; 1907, 272.—Stiles, 1907c, 68.
- deshayesi* Villot, 1874a, 53, 67, pl. 1 fig. 3 (Venezuela, Mus. Paris).—Cam., 1897g, 417 (79) (V.).—Montg., 1898a, 27.

GORDIUS—Continued.

- diblastus* Oerley, 1881a, 331, pl. 18 fig. 6 (New Zealand).—Cam., 1897g, 417 (79) (N. Z.).
- difficilis* Montg., 1898a, 31 (N. Carolina), see *aquaticus difficilis* and *villoti difficilis*.
- doriæ* Cam., 1890b, 128-129, 2 figs. (in *Acanthodis*; Birmania); 1897g, 411 (73), 419, fig. 46 (s. *aquaticus*, *sphæurus*) (in A.; Monti Carin, Birmania); 1908, 115-116 (India); 1904, 3; 1912, 216 (W. Himalayas); 1914, 542.
- drassi-fusci* Dies., 1851a, 87 (s. ? *aquaticus* Sieb, 1848, 295) (in *Drassus fuscus*; lng. by Grube).
- drassi-lucifugi* Dies., 1851a, 87 (in *Drassus lucifugus*; M. C. V.).
- dubius* Weyenbergh, 1879, v. 3 (2-3), 217-218; 1880d, 110-111.—Cam., 1879g, 413 (75) (Argentina).—Montg., 1898a, 27.
- dytiscorum* Legrand, 1856, 274 [nv.]; 1858a, clxxxv-clxxxvii (in *Dytiscus marginalis*; Tróyes).
- elachistæ-cygnipenellæ* Dies., 1851a, 105 (in *Elachista cygnipenella*; Germany).
- emarginatus* Villot, 1884, v. 3, 45 [nv.].—Cam., 1897g, 407 (69) (so. villoti).
- emeryi* Cam., 1895a, 6-7 (hng.; Grandes Îles de la Sonde); 1897g, 401 (63) (to Paragord).—Montg., 1898a, 54.
- ennomî-crætægatæ* Dies., 1851a, 105 (in *Ennomos crætægata*; by Stephens).
- epeiræ-ceropegicæ* Dies., 1851a, 87 (s. *Fil. mirandæ-ceropegicæ*) (in *Epeira ceropegia*; lng. by Duval).
- epeiræ-diademæ* Dies., 1851a, 86 (in *Epeira diadema*; by Roesel, lng.).
- equinus* Abildg., 1789a, 49-50, pl. 109 figs. 12 (in *Equus cab.*).—A., D. & E., 1901b, 14 (to *Fil.*).—E. Bl., 1849a, 154 (to *F.*).—Braun, 1903a, 276 (to *F.*); 1908a, 309.—Cast. & Chalm., 1910a, 424, 1188 (*equinis*): 1913a, 539.—Muell., 1789a, 49-50, pl. 109 fig. 12 (in *equorum cavo abdominis*).—Nordm., 1840, 668 (so. *Fil. papillosa*).—Rail., 1893a, 524 (to *F.*).—Rud., 1809a, 63 (so. *F. p.*).—Stiles, 1907b, 41.—Ward, 1895a, 340 (in *Equus cab.*).
- [*eruca* Werner, 1782a, 24, pl. 8 fig. 16. Very doubtful whether this is used as a specific name.]—Schrank, 1803b, 186.
- [*erucarum* Werner, 1782a, 6, pl. 8 figs. 16-19. Very doubtful whether this is used as a specific name.]—Dies., 1851a, 101 (so. *lycænæ-betulæ* Dies.; *lycænæ-quercus* Dies.; *vanessæ-polychlori* Dies.; *v.-urticæ* Dies.), 104 (so. *euprepicæ-cajæ* Dies.; *gastropachæ-quercus* Dies.).—Oken, 1815a, 190 (to *Fil.*).—Rud., 1809a, 79 (to *Fil.*).
- euprepicæ-cajæ* Dies., 1851a, 104 (s. *erucarum* Werner) (in *Euprepia caja*; by Werner).
- euprepicæ-jacobææ* Dies., 1851a, 104 (in *Euprepia jacobææ* by Germar).
- eurrhyporæ-urticatæ* Baird, 1853a, 113 (in abd. *Eurrhypara* (Botys) *urticata*; Eng.).
- falconis-milvi* Rud., 1809a, 70 (quotes Gœze).
- fasciatus* Baird, 1853b, 21, pl. 30 fig. 6 (N. A.).—Cam., 1897g, 414 (76) (so. *longissimus* Roemer).—Montg., 1898a, 25.—Villot, 1874a, 53-54 (N. A., Brit. Mus.).
- favæ* Cam., 1888h, 168-170, figs. 2 (Mus. Genova, from Birmania); 1897g, 404 (66), 419, fig. 47 (Alto Irawaddi, Italy); 1903, 3.—Roemer, 1896g, 270.
- feroniæ-madidæ* Dies., 1851a, 90 (s. *Fil. pterostichi-madidi*, *F. steropodis-madidi*) (in *Feronia madida*; Eng.).
- feroniæ-melanariæ* Dies., 1851a, 90 (in *Feronia melanaria*; Gœtt.).
- feroniæ-metallicæ* Dies., 1851a, 90 (in *Feronia metallica*; Gœtt.).
- feroniæ-(omasei)-nigritæ* Dies., 1851a, 91 (s. *Fil. pterostichi-nigritæ*) (in *Feronia* (Omaseus) *nigrita*; by Sieb., lng.).
- feroniæ-striolæ* Dies., 1851a, 90 (s. *Fil. abaxis-striolæ*) (in *Feronia* (Abax) *striola*; Eng.).
- filaria* Rougier Grangeneuve, 1880a, 12 (refers to Levin, "et la filaire (Gordius *filaria*).")
- filum* Muell., 1774a, 31-32; 1776, 213.—Assmus, 1865, 52 (so. *Mermis albicans*).—Bosc, 1802a, v. 1, 231.—Dies., 1851a, 106.—Gmel., 1790a, 3083.—Herbst, 1787a, 24.—Modeer, 1790a, 126.—Wilmsen, 1821, v. 3, 14.
- flavus* Linst., 1906, v. 3 (2), 243, pl. 4 fig. 1 (hng.) (New Britain Isl.; Waichu, Maui, Hawaii; ? Fiji Isl.; ? Adelaide, Australia).

GORDIUS—Continued.

- forficulae-auricularia* Dies., 1851a, 94 (s. *Tænia forficulae*, Fil. *forficulae*) (in *Forficula auricularia*; Europe).
- forficulae-borealis* Dies., 1851a, 94 (in *Forficula borealis*: by Spence, Ing.).—[Sieb., 1850k, 333.]
- formicarum* Dies., 1851a, 99 (in *Formica* sp. inc.: by Gould.).—Linst., 1907, 83.
- fulgur* Baird, 1861a, 229-230 (free; Batchian).—Cam., 1897g, 410-411 (72-73) (s. villoti Cam., 1890, 130) (Batjan, Celebes, Nepal, Giappone, Birmania); 1908, 115 (Tavoy); 1912, 216 (Badarpur, Assam).—Oerley, 1881a, 328.—Rømer, 1891, 795; 1896g, 267.
- galleruce-alni* Dies., 1851a, 93-94 (s. Fil. *chrysomelæ*, F. *chrysomelæ-alni*) (in *Galleruca alni*; Denmark).
- galleruce-tanacetii* Dies., 1851a, 94 (s. Fil. *chrysomelæ-tanacetii*) (in *Galleruca tanacetii*; Germany, Eng.).
- gallina* (Schrank, 1788) Brug., 1791a, 89, pl. 29 figs. 4-6.—Hass., 1896a, 6 (so. *Trichosoma longicollæ* Rud.).—Mol., 1861, 320 (so. *Trichosomum annulatum*).—Nordm., 1840, 666 (so. *Hamularia nodulosa*).—Rud., 1809a, 84 (so. H. n.). (in Gallus; Gœze, 1782a, 126, pl. 7 figs. 8-10).
- gastropachæ-quercifoliae* Dies., 1851a, 104 (in *Gastropachæ quercifolia*; Wien).
- gastropachæ-quercus* Dies., 1851a, 104 (s. *erucarum*, Fil. *eruc.*) (in *Gastropachæ quercus* larva; by Werner, Ing.).
- gastropachæ-trifolii* Dies., 1851a, 103 (s. Fil. *erucarum*) (in *Gastropachæ trifolii* larva; by Hettlinger, Ing.).
- gemmata* Villot, 1884, 45 [nv.]: 1886, 306, pl. 14 figs. 13-17.—Cam., 1886a, 153; 1897g, 395 (57) (to Parachord.).
- globoicola* Fabr., 1780a, 268-269 (in *Gasterosteus aculeatus*; Greenland).—Herbst, 1787a, 24 (in Stichling).—Rud., 1810a, 279 (so. *gasterostei-aculeati*).—Wilmsen, 1821, v. 3, 14.
- glutinis* (Muell., 1783) Oken, 1815a, 191.
- gracilis* (Rud., 1809a) Oken, 1815a, 189 (in *Simia capucina*) to (Fil.).
- gracilis* Villot, 1874a, 53, 67 (Ténériffe, Gaimard; Mus. Paris).—Cam., 1897g, 413 (75) (Teneriffa).
- granulosus* Linst., 1897i, 31-32, fig. 12 (in *Idolomorpha defoliator*; Madagascar).
- gratianopolensis* Charvet of Dies., 1851a, 106 (in aqua fluviatili prope Gratianopolim) [not *G. gratianopolensis* Oerley, not *G. grat.* Schneid.].—Cam., 1886a, 161, 162 (so. *tricuspidatus*): 1897g, 400 (62) (so. t.).—Montg., 1898a, 26, 43, 45.—Villot, 1874a, 58-59 (s. t., Fil. *tricuspidata*, F. *bordigalensis*) (in *Gryllus bordigalensis*; France, Germany), 67, 68; 1886, 313.
- gratianopolensis* Charvet of Schneid., 1866a, 181-182, pl. 14 fig. 1 (s. *tricuspidatus* Meiss. & Sieb., varius Leidy) (Ing.).—Cam., 1897g, 414-415 (76-77).—Oerley, 1881a, 330, pl. 18 fig. 5 (s. t., Fil. t., F. *grylli-bordigalensis*) (Ceylon).
- grylli* sp. inc. Dies., 1851a, 95 (in *Gryllus* spec. incerta; by Holme).
- grylli-bordigalensis* Dies., 1851a, 95 (s. Fil. *tricuspidata* Duf.) (in *Gryllus bordigalensis*; by Duf.).—Cam., 1886a, 161 (so. t.); 1897g, 400 (so. Paragord. t.).
- grylli-campestris* Dies., 1851a, 95 (in *Gryllus campestris*; by E. Bl., 1849a, 7).—[Sieb., 1850k, 335.]
- guatemalensis* Linst., 1902a, 228, figs. 15-16 (free; Guatemala).
- harenqum* Herbst, 1787a, 23-24, pl. 1 figs. 3-6 (for *harenqum*).—Wilmsen, 1821, v. 3, 14.
- harenqum* Bloch, 1782a, 33, pl. 8 figs. 7-10 (in *Heringe*; Ing.).—Fabr., 1794, 32, 34 (in herring), 36.—Frøel., 1802, 50 (to Asc.).—Nordm., 1840, 668 (so. Fil. *capsularia*).—Rud., 1809a, 61 (so. F. c.).—Schrank, 1803b, 204 (to A.).
- harpali-ænei* Dies., 1851a, 91 (in *Harpalus æneus*; by Stephens, Ing.).
- harpali-azurei* Dies., 1851a, 91 (in *Harpalus azureus*; by Kirby & Spence, Ing.).
- harpali-binotati* Dies., 1851a, 91 (in *Harpalus binotatus*; Eng.).
- harpali-ruficornis* Dies., 1851a, 91-92 (in *Harpalus ruficornis*; Eng., Austria).
- hepioli-humuli* Dies., 1851a, 103 (in *Hepiolus humulus*; by Hope).
- hispidus* Linst., 1906, v. 3 (2), 243-244, pl. 4 fig. 4, pl. 5 fig. 3 (in *Thamnotrizon apteri*; Tirol).

GORDIUS—Continued.

- horsti* Cam., 1895a, 3-4 (Borneo); 1897g, 410 (72), 419, fig. 42 (B.); 1904, 3.
- hydrophili* Dies., 1851a, 92 (in *Hydrophilus* spec. inc.; by Deslgch.).
- hylotropis-bajuli* Dies., 1851a, 93 (in *Hylotropes bajulus*; Austria).
- impressus* Schneid., 1866a, 179, 181, pl. 14 fig. 3 (hng.; probably Berl.).—Cam., 1897g, 408 (70) (so. villoti).—Villot, 1874a, 54, 67, pl. 6 fig. 25 (B.).
- incertus* Villot, 1874a, 53, 67 (Tasmania; Mus. Par.).—Cam., 1886a, 153; 1897g, 413 (75) (T.).
- inermis* Kessler, 1869, 119 [nv.].—Cam., 1897g, 414 (76).
- inquinus* Muell., 1774a, 33 (superficiem corporis Buccini auriculæ, Planorb. bullæ, purpuræ, et Neritæ janitoris frequens inhabitat); 1776, 313.—Dies., 1851a, 137 (to Phacelura).—Herbst, 1787a, 24.—Wilmsen, 1821, v. 3.
- insectorum* Schrank, 1776, 98, pl. 4 fig. 1 [nv.].—Dies., 1851a, 101 (so. vanessæ-polychlori).
- intestinalis* Bloch, 1782a, 33, pl. 10 figs. 8-9 (in birds and fish; lng.).—Fabr., 1780, 269-270.—Herbst, 1787a, 23, pl. 1 figs. 1-2.—Lam., 1801a, 339 (to Fissula).—Wilmsen, 1821, v. 3, 13 (in birds and fish).
- lacteolus* Fabr., 1780, 271 [nv.].—Herbst, 1787a, 24 (free).—Wilmsen, 1821, v. 3, 14.
- lacteus* Muell., 1774a, 32 (in aquis fovearum); 1776a, 213.—Bosc, 1802a, v. 1, 231.—Dies., 1851a, 107.—Gmel., 1790a, 3083.—Herbst, 1787a, 24.—Oken, 1815a, 192.—Wilmsen, 1821, v. 3, 14.
- lacustris* Linn., 1767b, 1076 (in hepate Esocis luci).—Bloch, 1782a, 33.—Criv., 1845a, 4 (to Fil.).—Dies., 1851a, 201 (so. Asc. gasterostei). 202 (of Kœlreuter, so. A. albule).—Fabr., 1780a, 268 (in G. a.).—Gmel., 1790a, 3036 (to Asc.).—Herbst, 1787a, 21, 23.—Leidy, 1872 (1904a) 307 (130) (Fish Creek, Montana).—Montg., 1898a, 53 (of Leidy, is misprint for robustus).—Muell., 1776a, 213; 1780, 204; Muell., O. F., Zool. Dan., v. 2, 49.—Rud., 1809a, 201 (so. A. g.), 202 (so. A. alb.).—Schneid., 1866a, 8.—Wilmsen, 1821, v. 3, 13.
- lævis* Villot, 1874a, 52, 67 (New Caledonia; Mus. Par.).—Cam., 1897g, 413 (75) (N. C.).
- lapponicus* Linst., 1906, v. 3 (2), 244, pl. 4 fig. 6 (hng.; Lapland).
- larvarum* Brug., 1791a, 90, pl. 29 figs. 10-12 (sub cute larvarum et insectorum lepidopterorum).—Nordm., 1840a, 669 (so. Fil. acuminata) (see Goeze, 1782a, pl. 8 figs. 4-6).—Rud., 1809a, 66 (so. F. a.).
- latastei* Cam., 1895c, 8 (Chili), 9; 1897g, 390 (52) (to Parachord). (Chile).—Montg., 1898a, 29.
- latrensis* Janda, 1893a, 596-597, pl. 19 figs. 4-8 (Tatragebirge) (for tatrensis, q. v.).
- leidy* Montg., 1898a, 37-38, figs. 53-59 (Coll. Leidy); 1899a, 650, 652 (N. A.).—Stiles, 1907c, 68.
- libellulæ-flaveolæ* Dies., 1851a, 98 (s. Fil. libellulæ) (in *Libellula flaveola*; by Selys-Longchamp.).
- libellulæ-variegatæ* Dies., 1851a, 98 (in *Libellula variegata*; Wien).
- linea* Oken, 1815a, 192 (im Schlamm, stehenden Wasser).
- lineatus* Leidy, 1851c, 263 (free; Essex Co., N. Y.); 1856b, 57 (so. aquaticus), 1904a, 63, 105.—Cam., 1886a, 153; 1897g, 414 (76) (of Baird).—Montg., 1898a, 26, 32, figs. 20-31; 1899a, 649-651, 652; 1907, 271.—Pratt, 1916a, 227, fig. 362.—Stiles, 1907c, 67, 68.—Stiles & Hass., 1894e, 351.—Villot, 1874a, 51 (Essex Co., N. Y.), 67.
- liparidis-disparis* Dies., 1851a, 103 (in *Liparis dispar*; Germany).
- liparidis-monachæ* Dies., 1851a, 103 (in *Liparis monacha*; by Nordm., 1832a, 17).
- liparidis-salicis* Dies., 1851a, 103 (s. Fil. attenuata, F. erucarum, F. plicata) (in *Liparis salicis*).
- littoreus* Muell., 1776a, 213.—Herbst, 1787a, 24.—Wilmsen, 1821, v. 3, 14.
- locustarum* Oken, 1815a, 190 to (Fil.) (in *Locusta*, *Gryllus*, *Cercopis*) (? cf. *locustinæ*).
- locustinæ* Dies., 1851a, 96 (in *Locustina*; Sieb., 1842e, 153).
- longareolatus* Montg., 1898, Oct. 12, 334-335, figs. 1-5 (San Francisco); 1899a, 650, 651, 652; 1907, 272.—Stiles, 1907c, 68.
- longilobatus* Leidy, 1870, v. 2 (7), 194, fig. 120k (U. S. A.).—Montg., 1898a, 55.

GORDIUS—Continued.

- longissimus* Römer, 1895b, 796, figs. 1-2 (in Saturnia; Südsee); 1896g, 272, 273.—Cam., 1897g, 414 (76).
- lycænæ-betulæ* Dies., 1851a, 101 (s. erucarum) (in Lycæna betula: by Werner).
- lycænæ-quercus* Dies., 1851a, 101 (s. erucarum) (in Lycæna quercus: by Werner).
- maculatus* Linst., 1883a, 300, pl. 9 fig. 41 (Turkestan).—Cam., 1897g, 413 (75) (T.).
- madagascariensis* Cam., 1893b, 1-2 (in Mantide; Madagascar); 1897g, 387-388 (49-50) (to Chord.).
- [*malabaricus*.—Pall. (1760a), 1768a, 256.]
- mantidis-pustulata* Linst., 1879b, 336 (in Mantis [Polyspilota] pustulata; Gold Coast); 1889a, 106 (in M. p.).
- marinus* Linn., 1767a, 1075 (in Maris Norwegicis, piscibus, frequentissime in visceribus Clypeæ halecis).—Barbut, 1783, 9, pl. 1 fig. 4.—Bloch, 1779a, 546-1782a, 33.—Criv., 1845a, 4 (so. Filocapsularia communis). 5.—Davies, 1815a; 292-295 (of Montagu); 1817a, 1054-1056.—Ebel, 1778a, [1777.] 421.—Fabr., 1780, 266-268; 1794, 37.—Herbst, 1787a, 21, 23.—Krøyer, 1838-40a, 57.—Müell., 1776, 213; 1780, 204 (to Asc.); 1784, 106.—Müell., O. F., Zool., Dan., v. 2, 49.—Nøel, 1807a, 81-82.—Nordm., 1840, 668 (so. Fil. capsularia).—Rud., 1809a, 61 (so. F. c.), 74 (so. F. piscium).—Schneid., 1866a, 8.—Wegelin, 1779, 8.—Wilmsen, 1821, v. 3, 13.
- martis* Werner, 1782a, 9-10, pl. 8 figs. 20-21.—Mol., 1858, 162 (so. Fil. mustelarum (pulmonalis)).—Rud., 1809a, 85, 243; 1810a, 263 (so. Asc. bronchialis Gmel.).—Zed., 1803a, 44.
- medinensis* Linn., 1758a, 647 (in Homo; India).—Anderson & Dubois, 1806, 300-307.—Barbut, 1783, 8-9, pl. 1 fig. 3.—Ben., 1878a, 274 (to Dracunculus).—Blumenb., 1825, 240.—Bosc, 1802a, 231.—Braun, 1903a, 260 (to Fil.); 1908a, 293; 1915a, 304.—[Browne, 1756, 381.]—Brug., 1791a, 89, pl. 29 fig. 3.—Carro, 1806a, 97-104; 1813a, 112-136.—Cast. & Chalm., 1910a, 417; 1913a, 541.—Crep., 1846b, 171.—Criv., 1845a, 4 (to Fil.).—Dubois, 1806, v. 2, 300; 1813a, 113-124.—Ducasse, 1834a, 165-176.—Guyon, 1835a, 827-829.—Herbst, 1787a, 21-22.—Hussem, 1771a, 443-464; 1776a, 255.—Jacobson, 1834a, 432; 1834b, 320.—Küech., 1855, 313.—Lam., 1801a, 329.—Linst., 1905, 193.—Looss, 1905c, 182 (to D.).—Meissner, 1863b, 51 (to F.).—Nordm., 1840, 667 (to F.).—Oken, 1815a, 188.—Rougier-Grangeneuve, 1880, 14.—Rud., 1809a, 55.—Schneidem., 1896, 306 (to F.).—Schneid., 1866a, 8.—Slawikowski, 1819, 7.—Sl. & Sw., 1912a, 355.—Stiles, 1907b, 39 (in H.; India).—Ward, 1903, 210 (to F.).—Wilmsen, 1821, v. 3, 12.
- meruanus* Cam., 1910, Sjoest. Exped., 28 (Mt. Méru, German E. Africa).
- milvi* Rud., 1809a, 85; 1810a, 379 (refers apparently to Gœze, 1782a, 85).
- miseliæ-aprilinæ* Dies., 1851a, 105 (in Miselia aprilina; by Duponchel, 1841, 21).—Cam., 1892, 639.
- modiglianii* Cam., 1892d, 539-541(1-3) (hng.; Bua-Bua, Isola di Engano); 1897g, 378-379 (40-41) (to Chord.).—Janda, 1893a, 607.
- montenegrinus* Kaltenbach, 1915 v. 13 (4), 525.
- mononculorum* Oken, 1815a, 190 (to (Fil.) (in Mononculus apus)).
- noctux-typicæ* Dies., 1851a, 104 (in Noctua typica; Hanover).
- notodontæ-camelinæ* Dies., 1851a, 102 (in Notodonta camelina; by Rossi).
- notodontæ-ziczac* Dies., 1851a, 102-103 (s. Fil. erucarum) (in Notodonta ziczac; by Deg. and Welch).
- obesus* Cam., 1895a, 4-5 (Holland); 1897e, 1-2; 1897g, 403-404 (65-66), 419, figs. 6, 41 (Ecuador, Leyden); 1903, 3.—Montg., 1898a, 28.
- obtus* (Rud., 1802a) Oken, 1815a, 190 (in Hirundo rustica) (to (Fil.)).
- œdypodæ-biguttulæ* Dies., 1851a, 97 (s. Fil. gomphoceri-biguttuli) (in Oedypoda biguttula; Austria).
- œdypodæ-cærulescentis* Dies., 1851a, 97 (in Oedypoda cærulescens; Switz.).
- œdypodæ-migratorii* Dies., 1851a, 96 (s. F. grylli-migratorii) (in Oedypoda migratoria; Berl.).
- œdypodæ-parallelæ* Dies., 1851a, 97 (s. F. gomphoceri-paralleli) (in Oedypoda parallela; M. C. V.).
- orientalis* Dolley, 1894a, 996 (in Periplaneta orientalis) (see blattæ-orientalis).

GORDIUS—Continued.

- ornatus* Grenacher, 1868a, 323, pl. 23 figs. 1-12, pl. 24 figs. 13-14, 20-24 (in Mantide; Philippines).—Cam., 1897g, 382 (44) (to Chord.).—Janda, 1893a, 595.—Roemer, 1896g, 281.—Villot, 1874a, 62, 67 (to C.) (in Mantis; P.).
- otiorhynchi-ragusensis* Dies., 1851a, 93 (in *Otiorhynchus ragusensis*; Dalmatia).—Linst., 1878a, 303.
- ovatus* (Zed., 1803a) Oken, 1815a, 190 (in *Cyprinus gobia*) to (Fil.).
- pachydermus* (Erley, 1881a, 331, pl. 28 fig. 7 (New Zealand).—Cam., 1897g, 417 (79) (N. Z.).—Roemer, 1896g, 290.
- pallidus* Linst., 1906, v. 3 (2), 244, fig. 5 (hng.: Kronstadt, Siebenbürgen).
- pallidus* n. sp. Linst., 1906, May 15, 557, fig. 95a (corrected in ink to *semilunaris*) (in fresh water pond; Korea); 1906, v. 43, 94 (renamed *semilunaris*).
- palustris* Linst., 1883a, 299-300, pl. 9 figs. 39-40 (in water; Turkestan).—Cam., 1897g, 412 (74).
- papilionis* Dies., 1851a, 102 (in *Papilio spec. inc.*; Mus. Breslau).—Linst., 1878a, 306 (in *P. diurn. spec.*).
- papillosus* (Rud., 1802a) Oken, 1815a, 189 (in *Equus cab.*) to (Fil.).
- paranensis* Cam., 1892b, 965-966 (1-2) (Palmeira, Paraná); 1894b, 4 (in ruscello (stream); Paraguay); 1897g, 406 (68).—Montg., 1898a, 27, 40-41, figs. 71-74.—Roemer, 1896g, 270.
- parasitus* (? Crep., 1847) Dies. [nv., see *parasiticus*].—Montg., 1898a, 28.
- pardalis* Cam., 1893b, 2 (in *Aethiomerus adelphus*; Madagascar); 1897g, 381 (43) (to Chord.).
- paronæ* Cam., 1903, v. 18 (437), 2-3 (Kota Bharu); 1908, 116; 1914, 541.—Shipley, 1903, 153.
- peloris-blapoidis* Dies., 1851a, 91 (s. *Fil. carabi-blapoidis*, *F. coleopterorum*) (in *Pel. blapoides*; Wien).
- peloris-blaptoidis* Linst., 1878a, 298 (for *p.-blapoidis*) (in *Zabrus blaptoides*).
- peracca* Cam., 1894b, 5-6 (hng.: S. Pablo, S. A.); 1897f, 1-3 (to Chord.); 1897g, 385 (47).—Montg., 1898a, 28.
- peronei* Cam., 1886a, 169, figs. 14, 24 (Italy); 1897g, 407 (69) (so. *villoti* Rosa).
- phryganea-grisea* Dies., 1851a, 98 (in *Phryganea grisea*).—Linst., 1878a, 296.
- pilosus* (Möbius, 1855a) Villot, 1874a, 61-62 (in *Blabera gigantea*; Mus. Hamburg).—Linst., 1878a, 292 (in *B. g.*).
- pioloti* Cam., 1903, (437), 3 (for *pioltii*).
- pioltii* Cam., 1886a, 171-173, figs. 1-2, 25-26 (Italy); 1903, 3.
- piscium* Brug., 1791a, 89-90, pl. 29 figs. 7-9 (sub cute et in intestinis piscium).—Nordm., 1840, 668 (so. *Fil. ovata*).—Oken, 1815a, 190 to (Fil.) [? Brug. or Rud.?].—Rud., 1809a, 60 (so. *Fil. ovata*).
- platyccephalus* Montg., 1898a, 29, 34-36, figs. 40-49 (Guatemala and S. Montana); 1899a, 650, 651, 652; 1907, 272.—Stiles, 1907c, 68.
- platyptericis-falcula* Dies., 1851a, 105 (in *Platypterox falcula*).—Linst., 1878a, 307.
- platyura* Baird, 1853a, 36, pl. 1 fig. 4 (Jamaica).—Montg., 1898a, 25, 36, figs. 50-52 (*platyurus*).—Villot, 1874a, 52 (? Jamaica), 67.
- pllicatus* (Rud., 1809a) Oken, 1815a, 190 to (Fil.).
- pleskei* Cam., 1896d, 118-119 (2-3) (hng.: China); 1897g, 391 (53) (to Parachord.).
- poecil-cuprei* Dies., 1851a, 90 (in *Poecilus cupreus*; Lond.).—Linst., 1878a, 299.
- preslii* Vojd., 1886, ZwZ, 371, figs. 1-6, 26-30, 41-44, 51-53, 60-66 (Prag).—Cam., 1886a, 158-161, figs. 3, 5-6, 19-21, 27 (Italy); 1888e, 1-10; 1897g, 393 (55) (to Parachord.).—Par., 1901e, 4.—Villot, 1895, 630.
- prismaticus* Villot, 1874a, 58, 67, pl. 1 fig. 2 (Nouvelle-Grenada, Bogota; Coll. Lindig).—Cam., 1894b, 3-4 (Prov. S. Louis); 1897g, 349 (56) (to Parachord.).—Montg., 1898a, 27.—Roemer, 1896g, 274.
- pristonynchi-terricola* Dies., 1851a, 89 (in *Pristonynchus terricola*; Eng., Gœtt.).—Linst., 1878a, 299.
- pulmonalis-apri* (Gmel., 1790) Rud., 1809a, 246 (quotes Ebel, 1778a, 420-423) (in *Sus scrofa dom.*) (so. *Str. suis*).—Braun, 1903a, 292; 1908a, 325.—Brumpt, 1910a, 471.—Cast. & Chalm., 1910a, 430; 1913a, 541.—Dies., 1851a, 317 (so. *Str. paradoxus*).—Rail., 1893a, 432 (so. *S. p.*).—Ward, 1895a, 331 (in *Homo*), 337 (in *Ovis aries*); 1903, 219 (so. *Str. apri*).

GORDIUS—Continued.

- pusillus* (Chiaje (1823-1829), 177, 196, pl. 44 figs. 8-9 (in fundo limoso; Nap.) [nv.].—Dies., 1850a, 263 (to Tubulanus).—Mont., 1910, v. 3 (13), 1-3 (so. Tubifex tubifex).
- pustulosus* Baird, 1853a, 37 (in Blaps obtusa; Lond.); 1853b, 20, pl. 30 fig. 4 (in B. o.; L.).—Braun, 1903a, 306; 1908a, 349.—Cam., 1892f, 598-607, pl. 9 figs. 1-9; 1892g, 1-12, pl. 1 figs. 1-9; 1892h, 791; 1892, v. 7, 1-5 (in B. mortisaga, B. obtusa; Grenoble); 1897g, 392 (54) (so. Parachord. wolterstorffii); 395 (57) (so. P. gemmatus); 396 (58) (to P.).—F., S., & T., 1916a, 479.—Janda, 1893a, 601; 1894a, 3-4, pl. 9 figs. 1-3, pl. 10 figs. 12-13.—Linst., 1878a, 303 (in Blaps similis).—Roemer, 1896g, 264.—Stiles, 1907c, 66 (to P.).—Villot, 1874a, 56 (L.), 67.
- raphaelis* Cam., 1893c, 213-215, fig. 1 (in Phyllodromia hemerobina. P. parenthesis; French Congo); 1897g, 389 (51) (to Parachord.).
- reticulatus* Villot, 1874a, 57-58, 67, pl. 1 fig. 5 (California; Mus. Par.); 1886, 309 (so. violaceus).—Cam., 1897g, 415 (77) (Cal.).—Montg., 1898a, 26.
- robustus* Leidy, 1851c, 263 (in grasshopper; N. J.); 1856b, 57 (so. aquaticus) (in Pterostichus fastidites); 1879g, 10-11; 1904a, 65, 105, 153-154.—Cam., 1886a, 153; 1897g, 414 (76) (so. longissimus).—Montg., 1898a, 26, 30, 32.—Pratt, 1916a, 227.—Stiles & Hass., 1894e, 351.—Villot, 1874a, 51 (Pemberton, N. J.), 67.
- rosa* Cam., 1886a, 170-171, figs. 7-9 (Vallone della Veggia, Biellese).
- rubrifuscus* Cam., 1897g, 398 (60) (for subbiifuscus) (so. Parachordodes tolosanus).
- rugulosus* Risso, 1826a (b), 260 (in water; Alpes Maritimes).
- sagæ-natoliæ* Dies., 1851a, 96 (in Saga natoliæ).—Linst., 1878a, 293.
- salvadorii* Cam., 1895a, 3 (Coll. Leyden); 1897g, 411-412 (73-74), 419, fig. 40 (hng.; Grand îles de la Sonde).
- samoensis* Linst., 1906, v. 3 (2), 244, figs. 7-8 (hng.; Samoa).
- saturniæ-pyri* Dies., 1851a, 102 (in Saturniæ pyri larva).—Linst., 1878a, 307.
- semilunaris* Linst. [May 15, 1906, 557 (ink correction for pallidus);] 1906, 94 (in fresh-water pond; Korea); 1907, 259.
- seta* Müell., 1774a, 30-31 (s. Lumbricus aquaticus, Vitulus aquaticus, Seta palustris. Chætia); 1776, 212.—Baird, 1853a, 35 (so. aquaticus).—Carus, 1863, 465.—Dies., 1851a, 83-86 (in Carabus gemmatus, C. violaceus, Dytiscus marginalis, Decticus pedestris, D. verrucivorus, Feronia (Omaseus) melas, Locusta hemitoglia, L. viridissima, L. spec. inc., in Brazil, Mantis religiosa, Procrustes coriaceus; Germany, Brazil).—Montg., 1898a, 26, 32.—Oken, 1815a, 192.—Villot, 1874a, 50 (so. aquaticus).
- setiger* Schneid., 1866a, 179, 181, 195, pl. 13 fig. 9 (free; Berl.).—Cam., 1886a, 173; 1879g, 407 (69) (so. villoti).—Villot, 1874a, 50-51, 67 (? so. aquaticus) (B., Tegelsee).
- silphæ-obscure* Dies., 1851a, 92-93 (s. Fil. silphæ) (in Silpha obscura; Gørze, 1782a, 128).—Linst., 1878a, 297.
- smerinthi-tiliæ* Dies., 1851a, 102 (in Smerinthus tiliæ).—Linst., 1878a, 306.
- species* Cobb, 1891a, 213-214 (in water; Australia).
- species* Cort, 1915, v. 1 (4), 198-199, figs. 1-2 (in Brachyccelium hospitale in Diemyctylus viridescens; Douglas Lake).
- species* Lauterborn, 1904 (for 1903), 117-118 (in water; near Johanniskreuz); 1906, 57-58; 1906, v. 16, 268.
- species* Lab., 1864a, 678 (in Mantis; New Caledonia).
- species* Linst., 1889a, 68 (in Rana temporaria).
- species* Rosa, 1882a, 341 (in Carabus leucophthalmus).
- species* Leidy in Stiles & Hass., 1894e, 351 (6 bottles in Coll. Leidy, 1 marked with Clepsine as host; 1 Africa; 4 U. S. A.).
- species* Villot [nv.] (in Cobitis fossilis).—Linst., 1889a, 92.
- speciosus* Janda, 1893a, 597-599, pl. 19 figs. 9-10 (Krakau Mus.); 1894a, 9-10, pl. 9 figs. 16-18, pl. 10 figs. 14-15; 1894b, 597.—Cam., 1897g, 395 (57) (so. Parachord. gemmatus).—Roemer, 1896g, 272.
- sphæurus* Baird, 1853a, 112 (spherura) (Khasyan Hills, India); 1853b, 21; 1855a, 72 (sphæura).—Cam., 1891b, 131 (Birmanian); 1897g, 412 (74) (India).—Dies., 1861a, 601 (Khasyan Hills; in India).—Oerley, 1881a, 329.—Roemer, 1896g, 265.—Villot, 1874a, 56, 67 (India; Brit. Mus.).

GORDIUS—Continued.

- sphaerurus* Baird of Cam., 1891b, 131 (Carin, Birmania); 1897g, 411 (73) (so. *doriæ*).
sphecodis-gibbi Dies., 1851a, 99 (s. Fil. *sphæcodis*) (in *Sphecodes gibbus*).—Linst., 1878a, 305 (in *Dichroa gibbus*).
spherura Baird, 1853a, 112 (hng.; India) (see *sphaerurus*).
sphingis-euphorbiæ Dies., 1851a, 102 (s. Fil. *erucarum*) (in *Sphinx euphorbiæ*).—Linst., 1878a, 306.
sphingis-ligustri Dies., 1851a, 102 (in *Sphinx ligustri*).—Linst., 1878a, 306.
sphodri-leucophthalmi Dies., 1851a, 90 (in *Sphodrus leucophthalmus*; Lond.).—Linst., 1878a, 299.
stellatus Linst., 1906, v. 2 (2), 244–245, figs. 9–10 (in Rüedersdorf, Mark Brandenburg, Predazzo in Tirol).
stylosus Linst., 1883a, 299, pl. 8 figs. 36–37, pl. 9 fig. 38 (in *Otis macquini*, as pseudoparasite; loc. unknown, apparently Turkestan).—Cam., 1897g, 401 (63) (to Paragord.).—Cerruti & Cam., 1888b, 5 (refers to Linstow's find in O. *macquini*; T.).—Montg., 1898a, 54.
subareolatus Villot, 1874a, 54, 67, pl. 2 fig. 10 (France; Mus. Paris).—Cam., 1886a, 165, 168, 171; 1897g, 408 (70) (so. *villoti*).
subbifurcus Sieb., 1848c, 296 (in *Molops elatus*; by Fuchs); 1855c, 143 (in *Calathus cistelloides*, *Carabus hortensis*, *Drassus fuscus*, *Feronia melanaria*, F. *metallica*, *Harpalus hottentota*, M. e., *Omaseus melas*, *Pelor blaptoides*, *Pœcilus lepidus*, *Procrustes coriaceus*, *Pterostichus nigrita*); 1858a, 326, 333 (s. *Mermis nigrescens*, in *Amara similata*; by Lamb.). 334 (in *A. fusca*; Gœtt.).—Assmuss, 1865, 2, 3, 22, 49–50, 53, pl. 3 figs. 1, 2, 4; 1858, v. 2, 178 (in *Loricera pilicornis*; Leipzig), 179 (in *Libellula cancellata*; Moskau), 180 (in *Hepiolus humuli*), 181 (in *Abrostola urticæ*; Podolsk).—R. Bl., 1890a, 90 (so. *tolosanus*).—Cam., 1886a, 154 (so. t.).—Dies., 1851a, 90–91 (in *Cal. cist.*, *Feronia* (*Molops*) *elata*); 1861a, 602 (in *Amara similata*, A. *fusca*, *Carabus hortensis*, Cal. c., Dr. *fus.*, Fer. *mel.*, F. *metallica*, F. (M.) e., Harp. *hott.*, Om. *mel.*, Pro. c., Pte. *nig.*, Pœ. *lep.*, Pel. *blap.*, *Silpha carinata*; prope *Tolosam*, Muggendorf).—Fiori, 1881a, 730 (so. t.).—Linst., 1878a, 297 (in S. c.); 1889k, 278; 1890a, 40–41.—Meissner, 1855a, 59.—Oerley, 1881, 330.—Schneid., 1866a, 180, 306, pl. 14 fig. 2, pl. 16 figs. 9, 10 (in Tumpeln, Prov. Sachsen).—Stiles, 1907c, 65.—Villot, 1874a, 55 (so. t.).—Also reported for *Cobitis barbatula*.
subspiralis Dies., 1861a, 601 (s. *Gordius* Leidy, 1857, 204) (free; Kansas).—Cam., 1895a, 1 (Tex.); 1897g, 407 (69) (*Cordius*) (s. *aquaticus* Villot); 1903, 3.—Montg., 1898a, 26, 30.—Villot, 1874a, 51, 67 (K.).
sumatrensis Villot, 1891c, 138 (Sumatra).—Cam., 1897g, 381 (43) (so. *Chord. caledoniensis*).—Janda, 1893a, 607 (S.).
tatrensis Janda, 1893a, 596–597, 612 (in *Tatragebirge*); 1894a, 7–8, pl. 9 figs. 4–12, 26, pl. 10 figs. 16–17.—Cam., 1897g, 408 (70) (so. *villoti*).—Lauterborn, 1904 (for 1903), 118.—Montg., 1898a, 34.—Ritchie, 1915, 260.—Rœmer, 1896g, 271.
tellini Cam., 1888e, 7–8, pl. 1 figs. 1–4 (Rio Forgaria, Valle del Tagliamento); 1897g, 375 (37) (to *Chord.*).
tenthredinis (Gmel. 1790) Dies., 1851a, 99 (in *Tenthredinis spec. inc. larva*; lng.).—Linst., 1878a, 305 (in *Tenthredo* sp.; lng.).
tenuis Leidy, 1879e, 384 (in *Clepsine*; Lily Pond, Rhode Island); 1904a, 150.
tenuis Weyenbergh, 1879, v. 3 (2–3), 7, 217, 218 (in *Mantis precariu*; by Weyenbergh); 1880d, 109–110 (in *M. precariu*; Cordoba).—Cam., 1897g, 413 (75).—Linst., 1889a, 106 (in M. p.).—Montg., 1898a, 27.
tolosanus Duj., 1842e, 146–149 (Toulouse, France).—A., D., & E., 1901b, 2 (*tolosanus*).—Assmuss, 1865, 49 (so. *subbifurcus*).—Baird, 1853a, 36.—R. Bl., 1890a, 90 (s. *subbifurcus*, *Ophist. pontieri*).—Blunck, 1915, v. 45 (7), 289–290 (in *Dytiscus*).—Braun, 1895b, 246; 1903a, 306; 1905a, 349.—Brumpt, 1910a, 479.—Cam., 1886a, 153–156, figs. 17–18 (s. *aquaticus* Berthold, *subbifurcus*) (Italy), 158, 159; 1888f, 397 (in *Homo*); 1889, v. 4, 66; 1890, v. 5, 83; 1892, 3; 1897g, 398 (60) (to *Parachord.*).—Cerruti & Cam., 1888b, 1, 2, 3 (in H.).—Criv., 1845a, 13 (*tolosanus*).—Dies., 1851a, 106 (in *aqua fluviatili*; prope *Tolosam*).—F., S., & T., 1916a, 479.—Fiori, 1881a, 727–736 (in H.).—Hempel., 1912a, 101, fig. 6.—Janda, 1894, 602.—Linst., 1889k, 248–268, pls. 14–16 figs. 1–32 (development); 1889m, 390–396, pl. 22 figs. 1–8; 1890a, 40–41; 1891b, 239–249, pl. 12 figs. 1–14; 1891d, 760–762.—Moniez, 1896a, 414.—

GORDIUS—Continued.

tolosanus—continued.

Montg., 1898a, 54.—Nev.-Lem., 1902a, 129; 1904a, 133; 1906a, 319, 321; 1908a, 512.—Par., 1894a, 513; 1901e, 4 (to P.) (s. *aquaticus* Degland, O. p.), 5.—Rail., 1893a, 563.—Ritchie, 1915, 114.—Römer, 1895b, 793; 1896g, 262.—Rosa, 1882a, 337–338–341, pl. 7 figs. 1–6 (s. *subbifurcus*).—Russ, 1912, v. 7 255–259.—Shipley, 1896, 170, figs. 83–86, 90; 1901b, 165f, 170, figs. 83–86.—Stiles, 1907c, 65 (of Duj., 1842, to P.).—Topsent, 1900, 89, 91.—Vejd., 1886, v. 43.—Villot, 1874a, 48, 50, 55, 67, 68, pl. 1 fig. 6, pl. 2 fig. 11 (s. *subbifurcus*) (France, Germany); 1886, 296.—Also reported for *Corethra*, *Chironomus*, *Carabus hortensis*, *Celathus fuscipes*, *Ephemera*, *Melops elatus*, *Pterostichus niger*, *Procerus coriaceus*, *Pterostichus*, *Sialis lutraria*, *Tanypus*.

tolusanus Criv., 1845a, 13 (for *tolosanus*).

tricuspidatus (Dufour, 1828) Meissner, 1855a, 55 (*gratianopolensis* renamed).—R. Bl., 1897d, 1–5 (in *Homo* sap.; Bassa, France).—Braun, 1903a, 306; 1908a, 349.—Brumpt, 1910a, 479.—Cam., 1886a, 161–162 (s. *grylli-bordigalensis*, *grat.*, *dectici-albifrontis*, *tricuspidatus spiralis*) (Italy); 1887d, 1–3, pl. 2 figs. 1–8; 1887e, 57; 1887, v. 2, 1–2; 1888e, v. 3, 42; 1888, 1–63, pl. 5 fig. 14, pl. 9 figs. 2, 4, 16; 1889, v. 4, 66; 1897g, 400 (62) (to *Paragordius*), 401 (63) (of Cam., 1888, pl. 5 fig. 14, pl. 9 figs. 4–16, so. *Paragord. stylosus* Linst.); 1903, 34; 1903, 1 [9 Mar.].—Dies., 1861a, 603 (s. *Fil. g.-b.*, *F. tricuspidata* Leon, *gratianopolensis*, *tricuspidatus*) (in *Gryllus bordigalensis*; prope *Gratianopolim*).—F., S., & T., 1915a, 479.—Lab., 1897, 675.—Linst., 1878a, 260 (in *Cobitis barbatula*) 294 (in *Decticus albifrons*).—Montg., 1898a, 26, 46.—Nev.-Lem., 1902a, 129; 1904a, 133; 1906a, 319, 321; 1908a, 513.—Par., 1894, 251; 1901e, 5.—Schneid., 1866a, 179, 180, 181.—Sieb., 1855c, 143.—Stiles, 1907c, 64 (to *Paragord.*).—Topsent, 1900, 89, 91.—Villot, 1874a, 59 (of Meissner & Sieb. 1856, so. *grat.*); 1874a, 59 (Sicily).

tricuspidatus spiralis Dies., 1861a, 604 (*dectici-albifrontis* renamed) (in *Decticus albifrons*; Sicilia).—Cam., 1886a, 162 (so. *tricuspidatus*).—Villot, 1874a, 59.

trifurcatus White, 1861a, 175 (possibly *Homo*; by Bowditch).—Montg., 1898a, 55 (so. ? *varius*).

trifurcatus-varius Stiles, 1907c, 64 (see *trifurcatus*).

trilobus Villot, 1874a, 59, 67, pl. 2 fig. 9 (Jersey; *Mus. Par.*).—Cam., 1897g, 400 (62) (so. *Paragord. tricuspidatus*).—Montg., 1898a, 27, 45.

trilobus Villot of Oerley, 1881a, 330–331 (Lima, Peru).—Cam., 1897g, 414 (76) (Peru).

truncatulus (Rud., 1819) Dies., 1851a, 87 (s. *F. phalangii-cornuti*, *F. p.-opilionis*) (in *Phalangium cornutum*, *P. opilio*; by Bear & Latr.; Ing.).

truncatus (Rud., 1809) Oken, 1815a, 190 (in *Tinea padella*) to (Fil.).

tuberculatus Villot, 1874a, 63, 67 (to Chord.) (Rochamston, Nouvelle-Holland; *Mus. Paris*).—Cam., 1897g, 381 (43) (so. *C. caledoniensis*).—Janda, 1894, v. 7.

vanessæ-antiopæ Dies., 1851a, 100 (s. *Fil. erucarum*) (in *Vanessa antiopa*; M. C. V.).—Linst., 1878a, 305.

vanessæ-polychlori Dies., 1851a, 101 (s. *insectorum* Schrank, *erucarum*) (in *Vanessa polychloros*; Germany, Eng.).—Linst., 1878a, 306.

vanessæ-urticæ Dies., 1851a, 101 (s. *erucarum*, *Fil. erucarum*) (in *Vanessa urticæ*; by Werner & Hope).—Linst., 1878a, 306.

variabilis McArthur, 1902, BNCSB, 3–4 (N. Carolina).

varius Leidy, 1851c, 262 (U. S. A.), 263; 1856b, 56–57 (s. *aquaticus*, *tricuspidatus*) (in water; N. J.); 1858a, 112 (in *Lumbriculus limosus*); 1904a, 63, 64, 103–105, 114.—A., D., & E., 1901b, 2.—R. Bl., 1890a, 90–91.—Braun, 1895b, 246; 1903a, 306; 1908a, 349.—Brumpt, 1910a, 479.—Cam., 1893c, 216; 1895a, 5–6 (Bogota); 1897f, 1–3; 1897g, 402 (64) (to *Paragord.*).—Cerruti & Cam., 1888b, 2.—F., S., & T., 1916a, 479.—Fiori, 1881a, 731.—Moniez, 1896a, 414.—Montg., 1898a, 25, 28, 45.—Nev.-Lem., 1906a, 319, 321, 1908, 513.—Oerley, 1881, 331.—Par., 1901e, 4–5.—Rail., 1893a, 563.—Riley, 1878, 329.—Riley & Vasey, 1870, AEB, v. 2 (6), 180.—Römer, 1896g, 279.—Schneid., 1866a, 181.—Stiles, 1907c, 59.—Stiles & Hass., 1894e, 351.—Topsent, 1900, 89.—Villot, 1874a, 59–60, 67, 68 (E. America).

vejdvovskiyi Janda, 1894, 3–4, pl. 6 figs. 1–4 [nv.].—Cam., 1897g, 389 (51) (to *Parachord.*).

GORDIUS—Continued.

verrucosus Baird, 1853a, 36, pl. fig. 5 (Ing.); 1853b, 20; 1855a, 71.—Bell, 1885b, 236 (in Kilimanjaro).—Braun, 1903a, 306; 1908a, 349.—Cam., 1893c, 215; 1897g, 388 (50) (so. Chord. ferox), 415–416 (77–78) (Africa); 1903, 34; 1903, 1 [9 Mar.].—Dies., 1861a, 602 (A.).—Janda, 1893a, 606.—Linst., 1901, 418.—Montg., 1898a, 27.—Oerley, 1881a, 331.—Römer, 1896g, 274, 291.—Villot, 1874a, 60, 67 (A., Brit. Mus.).

vespæ-crabronis Dies., 1851a, 98–99 (in *Vespa crabro*; Sardinia).—Linst., 1878a, 305; 1905, 359.

vespæ-vulgaris Baird, 1853a, 113 (in *Vespa vulg.*; Eng.).

villoti Rosa, 1882a, 333–338, pl. 7 figs. 1–6 (s. aquaticus Duj.) (Alps).—Braun, 1903a, 306; 1908a, 349.—Cam., 1886a, 162–168, 169, 171, 172, 173 (s. aq. Villot) (Italy); 1888e, 110; 1888f, 397; 1889, v. 4, (66); 1890, v. 5 (83); 1892b, 966 (2); 1892, 3; 1897g, 407–410 (69–72), 419 fig. 44 (s. aquaticus, peronciti, emarginatus, setiger, impressus, subareolatus, tatrensis); 1903, 2 [17 Mar.]; 1904, v. 19, in 1–3; 1905, v. 20, 1–2; 1906, 2.—Cerruti & Cam., 1888a; 1888b, 1–2, 3, 5 (in *Aspius rapax*, *Coregonus wartmanni*, *Cobitis fossilis*, *Homo*, *Petro-myzon fluviatilis*, *Salmo fario*, *Thynnallus vexilliter*).—F., S., & T., 1916a, 479.—Janda, 1893a, 602; 1896, 121.—Moniez, 1896a, 414.—Montg., 1907, 271, 272 (in Acridiids).—Par., 1901e, 4, 5.—Ritchie, 1915, 113, 139, 141, 258–261, fig. 6.—Southern, 1909, 117 (Ireland).—Stiles, 1907c, 55 (in H.; Italy), 58.—Topsent, 1900, 89 (so. aquaticus).

villoti of Cam., 1891b, 130; 1897g, 410 (72) (so. fulgur).

villoti difficilis (Montg., 1898), Montg., 1907, June, 271 (N. Carolina).

violaceus Baird, 1853a, 36–37 (in *Carabus violaceus*; Berwickshire); 1853b, 20, pl. 30 fig. 3; 1855a, 71–72 (in C. v.; B.).—Braun, 1903a, 306; 1908a, 349.—Cam., 1886a, 157–158, figs. 15–16 (Italy); 1888e, 1–10; 1896d, 121 (5); 1897g, 392 (54) (to Parachord.), 393 (55) (of Römer, 1896), 415 (so. chinensis), 417 (79) (of Römer, so. blanchardi).—Dies., 1861a, 604–605 (in C. v.; B.).—F., S., & T., 1916a, 479.—Linst., 1878a, 300 (in C. v.).—Montg., 1907, June, 272; 1898a, 27, 30, 42–43, figs. 75–77.—Oerley, 1881a, 325–333.—Par., 1901e, 5.—Ritchie, 1915, 114.—Römer, 1895b, 794; 1896g, 266 (partim).—Stiles, 1907c, 66 (to P.).—Topsent, 1900a, 86–91 (in H.; France); 1904a, 20.—Villot, 1874a, 60, 67 (B., Brit. Mus.); 1886, 307, pl. 15 figs. 18–21; 1895, 630; 1896a, 650–657, figs. 1–3.

viriparus Bloch, 1782a, 33 (an der Seuche verrekten Viehes; by Camper).—Dies., 1851a, 316 (so. *Str. micrurus*).—Herbst, 1787a, 24.—Nev.-Lem., 1912a, 693.—Rail., 1893a, 430 (so. S. m.).—Rud., 1809a, 245 (so. *Str. vitulorum*).—Ward, 1895a, 334 (in *Bos taurus*), 340 (in *Equus cab.*).—Wilmsen, 1821, v. 3, 14.

weberi Villot, 1891c, 137–138 (Sumatra).—Cam., 1894d, 410; 1897g, 371 (33) (to Chord.).—Janda, 1894, 607.

willeyi Cam., 1899, ArAS, 466–467 (Nuova Britannia), fig. 6.

wolterstorffii Cam., 1888e, 6, pl. 1 fig. 5; 1897g, 392 (54) (to Parachord.).

zavattarii Cam., 1908, RIM, 117 (Darjiling).

GRAMMOCEPHALUS Rail. & Henry, 1910, 312, 315 (tod. clathratus); 1910, 565 (g. of Bunostomeæ, Strongylinae); 1912, v. 14, 565.—Gedælst, 1911a, 126.—Lane, 1914, July, 397; 1917, IJMR, 420, 422, 436, 437.—Nev.-Lem., 1912a, 648.

clathratus (Baird, 1868) Rail. & Henry, 1910, 315 (in *Elephas indicus*).—Gedælst, 1911a, 126 (in elephant; India).—Lane, 1914, 380.—Nev.-Lem., 1912a, 743.—R., H., & B., 1914, 136.

GRAMMOPHORA Gedælst, 1916, Rza, 49 (tod. mt. katangensis) [not Grammophora Guen., 1852, lepidopt.; Chevr., 1863, coleopt.; etc.].

katangensis Gedælst, 1916, 49–51, figs. 15a–b (in *Petrodromus tetradactylus*; Katanga).

GRAPHIDIUM Rail. & Henry, 1909a, 86 (tod. strigosum); 1912, 565.—Hall, 1916a, 123, 139; 1916, RMv, 518.—Nev.-Lem., 1912a, 645.—Trav., 1914, 5.

affine (Mégn., 1895) Rail. & Henry, 1909a, 86 (s. *Str. rectus*) (in *Dolichotis patagonica*).—Rail., 1916, RMv, 519.

rudicaudatum Rail. & Henry, 1909a, 86–87 (in *Lagostomus trichodactylus*; Argentine).—Rail., 1916, RMv, 519.

GRAPHIDIUM—Continued.

strigosum (Duj., 1845) Rail. & Henry, 1909a, 86 (s. *Str. blasii*, *leporum*).—Hall, 1916a, 126, 139–141, figs. 181–183 (in *Oryctolagus cuniculus*, *Lepus europæus*; Europe); 1916, RMv, 518.—Hut. & Mar., 1913b, 478.—Nev.-Lem., 1912a, 711.

GRAPHONEMA Cobb, 1898d, 406–407 (mt. *vulgaris*).—Stiles & Hass., 1905b, 110.

vulgaris Cobb, 1898d, 406–407 (coast of N. S. Wales and Victoria).—Stiles & Hass., 1905b, 110.

GRATHOSTOMIDÆ Skrz., 1916, CrSB, 972 (misprint for *Gnathostomidæ*).

GYALOCEPHALUS Looss, 1900c, 191–192 (mt. *capitatus*).—Nev.-Lem., 1912a, 649.—Rail. & Henry, 1902a, 110; 1909b, 170; 1912, 565.—Stiles & Hass., 1905b, 110.

capitatus Looss, 1900c, 191–192 (in *Equus*: Cairo; 1901a (1902), 39, 132–134 (diag.), 136, figs. 20–23 (in mule; Egypt).—Nev.-Lem., 1912a, 744.—Rail., 1915, 493.—Rail. & Henry, 1909b, 170; 1915, IVC, 735 (in mule).—Stiles & Hass., 1905b, 110.

GYMNOASCARIDÆ Dies., 1851a, 143–144 (group of *Ascaris*, contains *Apterocephalæ*, *Pterocephalæ*); 1861c, 275.—Mol., 1861c, 280.

GYMNODERMI Burm., 1856a, 205, 270–273 (contains *Nematodes* and *Gephyrei*).

GYMNOLAIMUS Cobb, 1913 JWAS, 443 (mt. *exilis*).

exilis (Cobb, 1893b) Cobb, 1913, 443 (Fiji).

GYMNOTHECÆ Dies., 1851a, 251 (sec. of *Trichosomum*).—Carus, 1863, v. 2, 463 (div. of *Trichosomum*, contains subg., *Calodium*, *Liniscus*).—Eberth, 1863a, 44, 45, 55 (group of *Trichotracheliden*).—Rail. & Lucet, 1890b, 19.

GYMNOTOMA Schneid., 1866a, 326 (order, to contain *Rhamphogordius*).

Haarwurm, Haarwormen, Hairworms.—Coster, 1864a, 1–23; 1864b, 1–47.—Fröhner, 1915a, 744 (of lungs).—Hutcheon, 1891, AJ, v. 3 (24), 241 (in sheep).—Laubser, 1906, AJ, v. 28 (1), 123 (in sheep).—Oerley, 1881a, 325–332, figs. 1–7 (Brit. Mus.); 1882a, 70–71 (Zealand).—Schulzen, 1756, 12–15 (in *Homo*).—Utz, 1880a, 33–35 (in sheep).—Virchow, 1864c, 1–68, pl. 1.

HABRONEMA Dies., 1861c, 270, 273–274 (mt. *muscae*).—Rail. & Henry, 1911, v. 4 (10), 695; 1915, BSPE, 695–704, 8 figs.—Seur., 1914, v. 77 (25), 344, 347; 1914, 152–153; 1914, 1017 (type *leptoptera*); 1915, 14, 15; 1916, 312, 319, 339.—Skrj., 1916, 500–501; 1917, P, 463.—Stiles & Hass., 1905b, 110.

chevreuxi Seur., 1913, CrSB, 678–679, figs. 3–7 (in *Felis ocreata*; Algeria); 1915, 14; 1915, 160, 161, fig. 6; 1917, BSHnA, 22.

equi Place, 1914, JDA, v. 17 (12), 1240.

ficheuri Seur., 1916, CrSB, 295–297, figs. 1–3 (in *Bubulcus lucidus*; Algeria).

grimaldix Seur., 1915, CrSB, 157–159, figs. 1–3 (in esoph. and stom. *Vulpes atlantica*; Algeria); 1915, 26–30, figs. 1–6; 1917, BSHnA, 23.

leptoptera (Rud., 1819) Seur., 1914, CrSB, v. 76, 21–24, figs. 1–5 (to *Habronema* (*Spiropt.*), in *Accipiter nisus*; Algeria); 1914, 1017 (type of H.: 1914, 150, 153; 1914, 70; 1914, 428, 429; 1914, 393.—Skrj., 1916, 501 (in *Circus cinereus*; Aoulié-ata).

mansioni Seur., 1914, CrSB, v. 76 (10), 427–429, figs. 1–3 (in *Buteo*, cf. *Buteo vulg.*; Corse); 1914, 150, 152, 153; 1916, CrSB, 297.—Skrj., 1917, P, 463, 464, 465.

megastoma (Rud., 1819) Seur., 1914, 626.—Rail., 1915, RMv, 472, 477, 480, 481, 493; 1915, IVC, 735 (in horse); 1915, RMv, 700.—Rail. & Henry, 1916, BSPE, 696, 700.

microstoma (Schneid., 1866) Rans., 1911, 690–692 (in horse, *Musca dom.*).—Place, 1915, 122, 123.—Rail., 1915, 493; 1915, RMv, 477, 480, 481; 1915, IVC, 735 (in horse); 1915, BSPE, 700.—Rail. & Henry, 1915, 700.—Seur., 1913, 678; 1914, 626, 1017; 1915, 14; 1916, 319–320, 321, 346.

muscæ (Carter, 1861) Dies., 1861c, 274.—Graham-Smith, 1913, 240.—Hall, 1916a, 224.—Leidy, 1874d (1904a), 139–140 (133) (in *Musca dom.*).—Place, 1915, 120, 121, 122, 123.—Rail., 1915, 493; 1915, IVC, 735 (in horse); 1915, RMv, 477, 478, 479, 480, 481; 1915, BSPE, 700.—Rail. & Henry, 1915, 700, 701.—Rans., 1911, 76 (in horse; U. S. A.); 1911, v. 34, 690–692 (in h., M. d.); 1913 (163), 1–36, figs. 1–41.—Rincones, 1916, GmC, v. 23 (17), 134–135.—Seur., 1912, 778, 780, fig. 1 (in cheval, mulet; Algeria); 1913, 678; 1914, 391; 1914, v. 77 (25), 347; 1914, CrAS, 1017; 1915, 14; 1915, 565; 1916, 319, 320–321, 346, 358 (in c., mouche dom., *Stomoxys calcitrans*).

nouveli Seur., 1915, CrSB, 160–161, figs. 4–5 (in stom. and intest., *Genetta afra bonapartei*; Algeria); 1917, BSHnA, 22–23.

HABRONEMA—Continued.

rotundata (Linst., 1883) Seur., 1914, CrSB, v. 77 (25), 347; 1914, BSHnA, v. 6 (5), 117–119, fig. 1 (in *Houbara undulata*; Bou-Saâda); 1914, 153.—Skrj., 1916, 501–502, figs. 19–21 (in *Oedicnemus oedicnemus*).

seurati Skrj., 1917, P, 463–465, pl. 18 figs. 3–7 (in *Falco cenchris*; Siberia).

species Rail. & Henry, 1916, BSPE, 701 (in *Equidae*).—Seur., 1916, 347 (s. *Fil. irritans*, *Trichina uncinata*; Brazil).

unialata Seur., 1914, 151, figs. 1–6 (lapsus for *unilateralis* Mol.).

unilateralis (Mol., 1860) Seur., 1914, BSHnA, v. 6 (6), 149–153, figs. 1–6 (in *Neophoron percnopterus*; Algeria, Hamman Meskoutine); 1915, NZ, 15 (s. *Fil. tulostoma*) (in N. p.; H. M.); 1916, CrSB, 297.—Rail. & Henry, 1916, BSPE, 368.—Skrj., 1917, P, 463, 465.

HABRONEMIASIS, HABRONÉMOSE (infection with *Habronema*).—Descazeaux, 1915, RMv, 485.

—, cutaneous, of horse: Descazeaux, 1915, 485.—Bull, 1916, JCPT, v. 29 (3), 187–199 (1–15), figs. 1–5.

HADJELIA Seur., 1916, CrSB, 517–519 (? mt. *Ihuillieri*).

Ihuillieri Seur., 1916, 517–519, figs. 1–3 (in *Caccabis petrosa*; Bou-Saâda).

HÆMATOZOA, NEMATODE, pathological significance: Lewis, 1874c (d), 111–133, figs. 1–2, pls. 1–3; 1875a, 410–451, figs. 1–2, pls. 1–3; 1875b, 115 (in pariah dog); 1875d, 218–220; 1875e, 613–615; 1875f, 268–277, pl. 13 figs. 1–5 (in dog); 1888, 533–559, figs. 34–35, pls. 38–40.—Cobbold, 1875c, 216–217.

—, —, in *Homo* and animals, relation to disease: Lewis, 1878b (c), 157–208 (1–90), figs. 1–27, pls. 1–3; 1879c, 245–259, pl. 12.

—, in stomach of *Culex*: Lewis, 1878a, 89–93.

HÆMATOZOON Leisering, 1865, 125 (used in a collective rather than in a generic sense, for *H. subulatum*); 1865, v. 33 (1), 117–125, pl. 2 figs. 1–4.—Stiles & Hass., 1905b, 110.

subulatum Leisering, 1865, 117–125, pl. 2 figs. 1–4 (in *Canis* fam.; Dresden).—Cobbold, 1873c, 92; 1878c, 366.—Deffke, 1889a, 121 (so. *Str. vasorum*).—Fiebiger, 1912a, 225.—Hut. & Mar., 1913a, 935.—Rail., 1893a, 553 (of Gurlt, 1864).—Züern, 1882, 245.

Hæmatozoon, nematode, in *Homo*, relation to Chyluria, etc., cf. *Fil. sanguinis hominis*.—Lewis, 1872c (d), 241–260 (1–50), figs. 1–3, 1872e, 889–890; 1873a, 52–54; 1873b, 120–121; 1873c, 217–219; 1873d, 325–328, figs. 1–3; 1873d, 540–541 1874a (b), 504–509 (1–53) figs. 1–3; 1880a, 45–46.—Cunningham, 1873a, 835–837 (and dog).

—, in camel, Evans: Lewis, 1882b, 63–64; 1882c, 127–128; 1882d, 509; 1907, JTVS, 151.

—, of Lewis: Grassi & Caland., 1890a, 18–26, figs. 1–16.—Ward, 1895a, 343 (larva of *Fil. recondita*) (in dog).

HÆMOCHUS Trav., 1914, Bm, 5 (reprint) (misprint for *Hæmonchus*).

HÆMONCHUS Cobb, 1898a, 447 (mt. *contortus*).—Braun, 1915a, 348.—Brumpt, 1910a, 333, 392; 1913a, 462.—Gedølst, 1911a, 116.—Nev.-Lem., 1912a, 645.—Rail. & Henry, 1912, 565.—Rans., 1911a, 14, 18, 21, 22, 47, 49–50, 54.—Sl. & Sw., 1912a, 327–329.—Stiles, 1914, MM, v. 2, 271.—Stiles & Hass., 1905, 110.—Theiler, 1912, v. 3, 572–586, figs. 1–3 (treatment, sheep).—Trav., 1914, 5.—Walker, 1913, v. 33, 588–589, fig. 1.—Ward, 1916, 698.

bispinosus (Mol., 1860) Rail. & Henry, 1909a, 86.—Rans., 1911a, 14, 47, 50, 54, 123 (generic determination not proved) (in *Mazama nana*; Brazil).

cervicornis (M'Fadyean, 1897) Sl. & Sw., 1912a, 379–380, 402.

contortus (Rud., 1803) [Cobb, 1898a, 447, figs. 120, i–v] Stiles & Hass., 1905b, 110.—Alexander, 1908, v. 54 (9), 366–367.—ASB, 1909, 583.—Barber, 1916, 33 (in cow; Guam).—Blgr., 1914, v. 7 (3), 242 (in stom., *Ovis aries*; Eng.); 1915, 134, 139, 142, 145, 146, 147.—Boynton & Wharton, 1916, 350, 352 (in goat, cow; P. I.).—Braun, 1915a, 348.—BMJ., 1896, 1528–1529 (in sheep; Lincolnshire, Leicestershire, Northampton).—Brown, 1915, QAJ, v. 4 (2), 71–73; (3), 162–163.—Brumpt, 1910a, 392; 1913a, 463.—Cast. & Chalm., 1913a, 552.—Coffey, 1915, BG, v. 68 (4), 118, 120; (5), 152, 154.—Conradi, 1914, S, 356 (in cattle and sheep; S. C.).—Craig, 1915, 498, 500.—Detmers, 1883, 68–81, pls. 1–5.—Dixon, 1913, v. 6, 34–37.—Dodd, 1908, QAJ, v. 21, 197–198; 1909, ESR, v. 21, 181; 1914, QAJ, v. 1 (6), 421–426, figs. 1–2.—F., S., & T., 1916a, 436–438, figs. 315–316.—Fiebiger, 1912a, 270.—Gardener,

HÆMONCHUS—Continued.

contortus—continued.

1911, 483, 486, 487, 489, 491, 493 (in cattle, goats, sheep; Asia, Africa, Australia, New Zealand, S. A., Europe, U. S. A.).—Garin, 1913, 8.—Gedölst, 1911a, 116, fig. 154 (in goat, ox, man, sheep, etc.).—Gough, 1908, 3-4 (in sheep; Transvaal).—Ihle, 1917, 165, 167, 168.—Klein, 1905, 1-11; 1906, 18-19.—Leiper, 1908 (3), 189-190 (in O. a.; Nasser, Sobak River); 1911, v. 8, 448.—Magal., 1908, v. 12 (2), 283-286 (in Homo; S. America); 1908, v. 14, 162-167; 1908, 218; 1909, CIB, 129 (case in Homo; Santa Victoria).—Maupas & Seur., 1913, 34.—Meyer, 1897, 21.—Mote, 1914, 27, 31, 38-39, figs. 8, 9.—Nev.-Lem., 1912a, 706, 707.—Powers, 1909, v. 21 (2), 181-182; Bull. 142, 3-19 (in cattle, sheep).—Rail., 1915, 493; 1915, JVC, 735 (in goat, ox, sheep).—Rail. & Henry, 1909a, 86 (in *Addax nasomaculata*); 1912, 566; 1913, 454.—Rans., 1906g, 10-11, 53-54; 1906i, 1-7, figs. 1-2 (in O. a.; U. S. A., life history); 1906h, 207-212 (in lambs); 1907a, 163-168; 1907b, 1-7; 1907c, 340-345; 1907d, 437-443; 1907g, 735; 1910, 269-278; 1910 (157), 1-10; 1911a, 14, 15, 34, 49, 50-54, 82, 85, 99, 121, 122, 123, 124, figs. 33-37 (s. *Str. filicollis*, placei) (in *Ad. nas.*, *Alce americanus*, *Antilocapra americana*, *Bos taurus*, *Bison bison*, *C. h.*, *Capreolus capreolus*, *Homo*, *Odocoileus hemionus*, *Ovis a.*, *O. nahura*, *O. ammon*, *O. mexicana*, *Mazama sp.*, *Rupicapra rupicapra*, *Rangifer terrænovæ*; Europe, U. S. A., Asia, Africa, Australia, New Zealand); 1915, v. 2 (50), 4, 6; 1916, 297; 1917, TASTM, 83.—Seur., 1913, 75, 76, 79, 81; 1914, 623-626, 634.—Shipley, 1911, 212.—Sl. & Sw., 1912a, 327, 328, 377, 402, fig. 185.—Stiles, 1903l, 14, 17, 75; 1914, MM, v. 2, 294.—Theze, 1916, BSPE, 402.—Veglia, 1915, RDA, Nov., 347-500, figs. 1-60, pls. 1-18; 1916, JCPT, v. 29 (3), 265-277.—VJ, 1909 (410), v. 65, Aug., 426-427.—Ward, 1916, 698.—Wing, 1908, v. 18 (7), 11; 1908, v. 54 (2), 48.—Wolfh., 1911, 64-65.—Woodruff, 1911, v. 8, 363.

gracilis (M'Fadyean, 1896) Sl. & Sw., 1912a, 380, 402.

longistipes Rail. & Henry, 1909a, 86 (in dromadaire; Africa, India).—Gedölst, 1911a, 116 (in d.).—Nev.-Lem., 1912a, 715.—Rail., 1915, 493; 1915, IVC, 735 (in d.).—Rans., 1911a, 14, 54, 123 (in *Camelus dromedarius*; Africa, India).

lunatus Trav., 1914, Bm, 325 (5) (in *Bos taurus*; Rio de Janeiro, Peuha).

ostertagi (Stiles, 1892) Stiles, 1903, 75.

rubidus (Stiles & Hass., 1892) Sl. & Sw., 1912a, 378, 379, 402.

similis Trav., 1914, Bm, 3-4 (in *Bos taurus*; Brazil).

species Marshall, 1904, 182 (in *Ovis aries*; Montana) [see *Ostertagia marshalli*].—Rans., 1911a, 62 (so. *Ostertagia marshalli*).

vasorum (Bail., 1866) Sl. & Sw., 1912a, 381, 403.—Rail., 1915, IVC, 747 (in dog).

ventricosus (Rud., 1809) Sl. & Sw., 1912a, 380, 402.

HÆMONSTRONGYLUS Craig, 1915, AVR, 508 (misprint for *Hæmostr.*).

HÆMOSTRONGYLUS Rail. & Henry, 1907a, 753 (tod. *Str. vasorum*); 1907, 566; 1909a, 86; 1913, 453.—Nev.-Lem., 1912a, 644.

subcrenatus Rail. & Henry, 1913, v. 6 (6), 451-454, figs. 1-2 (in *Felis pardus*; at Dongou, Congo belge).

vasorum (Bail., 1866) Nev.-Lem., 1912a, 701 (in dog).—Craig, 1915, 508 (treatment).—Rail., 1914, 168-179; 1915, 506, 509.—Rail. & Henry, 1913, 453; 1913, 213-215, figs. 4-6 (in dog).

HÆRUCA Gmel., 1790a, 3050 (mt. muris) (refers to *Pseudoechinorhynchus* Goeze, 1782, 138).—Ben., 1858a, 3; 1861a, 3.—Brug., 1791, 106 (musculi).—Cuv., 1798, 637; 1817a, 40.—Deslgch., 1824u, 451.—Dies., 1851a, 19 (so. *Echinor.*).—Duj., 1845a, 483.—Goldb., 1855a, 107.—Hémont, 1827a, 9.—Jamour., 1825b, 9.—Looss, 1902m, 755.—Lühe, 1905b, 202 (type *E. muris*).—Marval, 1905a, 204 (so. *E.*).—Nordm., 1840, 641 (*Hæruca*).—Raf., 1815, 151 (of "I." renamed *Hæruca*).—Rud., 1793a, 21-22; 1801a, 54; 1802a, 65 (stomach of mouse); 1809a, 302.—Stiles, 1905y, 28; 1906a, 36 (so. *Tænia*).—Stiles & Hass., 1905b, 110.—Stiles & Stev., 1905a, 8 (so. *Tænia*).—Westrumb, 1821a, 40.

erinacei Rud., 1793a, 22 (in *Erinaceus europæus*; by Rud.); 1809a, 254 (so. *Echinorh. napeiformis*).—Dies., 1851a, 22 (so. *E. n.*).—Lühe, 1905a, 334; 1905b, 202, 263, 334 (so. *E. erinacei*=*n.*).—Westrumb, 1821a, 8(=*E. n.*).

muris (Schränk, 1788) Gmel., 1790a, 3050 (=? *Cysticercus fasciolaris*).—Cuv., 1817a, 40.—Dies., 1851a, 54 (to *Echinor.*).—Lühe, 1905a, 334; 1905b, 150 (so. *C. f.*), 225, 260, 334 (=? *Pseudoechinor.*).—Risso, 1826a (b), 261 (in rat;

HÆRUCA—Continued.

muris—continued.

Alpes Maritimes).—Rud., 1793a, 21–22; 1809a, 302 (to E.); 1819a, 76 (to E.).—Stiles, 1905z, 28; 1906a, 44 (so. ? C. f.).—Stiles & Stev., 1905a, 8.—Zed., 1803a, 169.

musculi Brug., 1791a, 107, pl. 37 fig. 1 (in *muris musculi ventriculo*).—Rud., 1809a, 302 (so. *Echinor. muris*).

HÆRU(ULA Pall., 1760, 52; 1768a, 289 ("habitat in ranæ, esocis, cernuæ, percæ & maxime in Truttæ nobilis intestino." See also Tæniola).—Dies., 1851a, 29 (so. *Echinorh. hæruca*).—Encycl. méth., 1824, v. 2, 451.—Goldb., 1855a, 107 (so. *Echinorh.*).—Lamour., 1825b, 9.—Lühe, 1905a, 334–335; 1905b, 334.—Marval, 1905a, 204 (to E.).—Rud., 1809a, 265 (=E. h.).—Stiles & Hass., 1905b, 110.—Westrumb, 1821a, 18 (=E. h.).

HÆRU(ULA Raf., 1815a, 151 ("Hæruca L." renamed, hence type *muris*=*fasciolaris*).—Stiles & Hass., 1905b, 150.

HALALAIMUS Man, 1888a, 2–4 (mt. *gracilis* Man).—Stiles & Hass., 1905b, 110.

gracilis Man, 1888a, 3–4, pl. 1 fig. 1 (free; Walcheren Isl.); 1907, 86 (Zealand).

HALAPHANOLAIMUS Southern, 1914a, 11–12 (mt. *pellucidus*) *Anguillulidæ*.

—*pellucidus* Southern, 1914a, 11–12, pl. 1 figs. 2 a–f (Clew Bay).

HALICHOANOLAIMUS Man, 1886a, 66 (tod. *Spilophora robusta*); 1888, 36–39 (mt. S. r.); 1907, 55.—Stiles & Hass., 1905b, 111.

dolichurus Savelev, 1912, 121 (Kolafjord, Catharinahafen).

minor Savelev, 1912, 120–121 (Kolafjord, Catharinahafen).

rapar Savelev, 1912, 122 (im Sande; Mogilnojesee, Kolafjord, Palafjord).

robustus (Bast., 1865) Man, 1907, v. 20, 87 (marine; Zealand).—Southern, 1914a, 24 (Blacksod B., Clare Isl.).

HALIGMUS Carus, 1863, v. 2, 461 (for *Heligmus*).

HALIPECTUS Cobb, 1913, JWAS, v. 3 (16), 443 (mt. *pellucidus*).

pellucidus Cobb, 1913, 443 (brackish and fresh water; Eastern U. S. A.).

HAMANIA Trav., 1915, Bm, v. 29, 105 (3–4) (tod. *microcephala*).

microcephala (Rud., 1819) Trav., 1915, Bm, v. 29, 105 (4).

HAMANIELLA Trav., 1915, Bm, v. 29, 137 (1) (*Hamannia* Trav., not R., H., & S., 1912) (type *microc.*).

HAMANNIA Trav., 1915, Bm, v. 29, 137 (1), for *Hamania*, 1915 (renamed *Hamaniella*).

HAMANNIA R., H., & S., 1912, CrSB, 624 (3) (tod. *uncinata*) (subg. of *Acuaria*).

calcarata (Mol., 1860) R., H., & S., 1912, 624 (3) to A. (H.).

contorta (Mol., 1858) R., H., & S., 1912, 624 (3) to A. (H.).

longeornata (Mol., 1860) R., H., & S., 1912, 624 (3) to A. (H.).

phœnicopteri Seur., 1916, CrSB, 439–441, figs. 1–4 to A. (H.) (in *Phœnicopterus roseus*; Algeria).

squamata (Linst., 1883) R., H., & S., 1912, 624 (3) to A. (H.).

uncinata (Rud., 1819) R., H., & S., 1912, 624 (3) to A. (H.).

HAMULARIA Treutler, 1793, 10–13 (mt. *lymphatica*).—Blainv., 1824a, 513; 1828, 549.—Braun, 1915a, 308, 325.—Cast. & Chalm., 1910a, 407, 424; 1913a, 522, 539.—Crep., 1846b, 161 (to *Tentacularia*).—Criv., 1845a, 5.—Cuv., 1817a, 30–31.—Deslgch., 1824v, 454.—Eiss, 1838a, 26.—Gerv. & Ben., 1859a, 145.—Hémont, 1827a, 8.—L'Herminier, 1826a, 11.—Joy, 1835a, 505.—Lam., 1816a, 215.—Lamour., 1825b, 39.—Leuck., 1868a, 264; 1876a, 619.—Looss, 1902m, 755.—Mlinarich, 1832a, 12.—Mol., 1858a, 162.—Nordm., 1840a, 665.—Oken, 1815a, 186.—Rail. & Henry, 1911, 387.—Rud., 1801, 55–56; 1809a, 3, 13–14, 32, 82, pl. 12 fig. 6.—Schneid., 1866a, 12, 13, 15.—Slawikowski, 1819b, 61.—Stiles, 1907b, 41 (mt. *lymphatica*=*equina*).—Stiles & Hass., 1905b, 111.—Valentin, 1811a, 3.—Zed., 1803a, 40 (to *Tentacularia*).

cylindrica (Zed., 1803) Rud., 1809a, 83–84, pl. 12 fig. 6 (s. *Linguatula bilineis*) (in *Lanius collurio* by Schrank).—Chiaje, 1825a, 3.—Lam., 1816a, 216.—Mol., 1858c, 393 (so. *Fil. tridens*).—Nordm., 1840, 666 (s. L. b., *Fil. collurionis pulmonalis*) (in L. c.).—Oken, 1815a, 186.

equi (Gmel., 1790) Cast. & Chalm., 1910a, 1190; 1913a, 539 (s. *lymphatica*).—Neum. & Mayer, 1914a, 406.

HAMULARIA—Continued.

linfatica (Brera, 1810a) Criv., 1845a, 6 (s. Fil. bronchialis).

lymphatica Treutler, 1793a, iv, 10-13, pl. 2 figs. 5-7 (in Homo: Europe).—Blainv., 1828a, 549 (in H.).—R. Bl., 1890a, 15 (to Fil.).—Braun, 1883a, 182 (so. F. bronchialis); 1903a, 276 (so. F. equina); 1908a, 309; 1915a, 325.—Brera, 1810a, 225-231.—Cast. & Chalm., 1910a, 424; 1913a, 539.—Chiaje, 1825a, 3, pl. 1 fig. 2 (so. F. hominis bronchialis).—Dav., 1877a, cix.—Hémont, 1827a, 11 (in H.).—Leuck., 1867b, 150; 1868a, 264, fig. 161; 1876a, 618, fig. 308.—Linst., 1902a, 222 (s. F. hominis not F. inermis. F. equina).—Nordm., 1840, 665 (so. subcompressa).—Olfers, 1816, 31.—Rail., 1893a, 530 (to F.).—Rail. & Henry, 1911, 387.—Rud., 1809a, 82.—Schmalz, 1831, 26.—Slawikowski, 1819b, 23, 25.—Stiles, 1907b, 41 (s. F. equina, Str. longevaginatus) (=Metastr. apri).—Ward, 1903, 212 (to F.).

nodulosa Rud., 1809a, 84-85 (s. Gord. gallinae, Fil. gallinae, Linguatula unilinguis, Cap. semiteres) (in Gallinae intestinis; by Goeze); 1810a, 379; 1814a, 85; 1819a, 14.—Brems., 1811, 18, 24.—Hass., 1896a, 5, 6 (so. Trichosoma longicollae).—Lam., 1816a, 216.—Mol., 1861, 320 (so. Trichosoma annulatum).—Nordm., 1840a, 666 (s. G. g., F. g., T. l.).—Oken, 1815a, 186.—Risso, 1826a (b), 259 (in chicken; Alpes Maritimes).

subcompressa (Zed., 1803) Rud., 1809a, 82-83 (s. lymphatica) (in Homo); 1819a, 7.—R. Bl., 1890a, 15 (so. Fil. lym.).—Braun, 1915a, 325.—Brems., 1824, 250-253, pl. 3 fig. 2.—Chiaje, 1825a, 3 (so. Fil. hominis bronchialis).—Cuv., 1817a, 31.—Eiss, 1838a, 26.—L'Herminier, 1826a, 14.—Joy, 1835a, 516.—Küsch., 1855a, 296 (so. Str. longevaginatus).—Lam., 1816a, 216.—Leuck., 1868a, 404.—Lundborg, 1817a, 7.—Mlinarich, 1832a, 12.—Most, 1836a, 978.—Nordm., 1840a, 665 (s. lym., Crino truncatus, F. h. b.).—Oken, 1815a, 186.—Püettner, 1837a, 5 (in H.).—Sjæbeck, 1830a, 10.—Slawikowski, 1819b, 62, 140.—Stiles, 1907b, 41.—Valentin, 1811a, 3-4 (s. lym.) (in H.).

HAMULLARIA Slawikowski, 1819b, 23, 25 (for Hamularia).

limphatica Slawikowski, 1819b, 23, 25 (for lymphatica).

HAPLACIS Rail. & Henry, 1916, CrSB, 114 (tod. silvestrii).

silvestrii (Par., 1896) Rail. & Henry, 1916, 114.

HAPLONEMA Ward & Magath, 1917 (for 1916), JP, 61 (mt. immutatum) (?Spiruridae).

immutatum Ward & Magath, 1917, JP, 61, figs. 1-2 (in Amia calva; Lake St. Clair, Fairport, Ia.).

HARTERTIA Seur., 1914, CrAS, 1017; 1915, NZ, 11 (type by present designation obesa) (between Habronema and Protospirura).

obesa Seur., 1915, 11-14, figs. 10-15 (in Caccabis petrosa spatzi; Oued N'za).

rotundata (Linst., 1883) Seur., 1915, 14.

HAULARIA Lee, 1840a, 242 (misprint for Hamularia).—Stiles, 1907b, 40.

subcompressa (Zed., 1803) Lee, 1840a, 282.—Stiles, 1907b, 41.

HEDRURIDÆ Rail, 1916, RMv, 521.

HEDRURIDEA Dies., 1861a, 646 (i. contains: Hedruris, Synplecta).—Carus, 1863, v. 2, 460.

HEDRUIS Schneid., 1866a, 340 (misprint for Hedruris).—Stiles & Hass., 1905b, 111.

HEDRURIS Nitzsch, 1821a, 48-49 (mt. Asc. androphora).—Burm., 1837a, 535.—Carus, 1863, v. 2, 460.—Crep., 1839a, 281.—Duj., 1845a, 291.—Goldb., 1855a, 110.—Krefft, 1871a, 210.—Leuck., 1876a, 547; 1879a, 153; 1886d, 119.—Linst., 1909, 63; 1909 (15), 71, 75.—Linst., 1909, 63; 1909a, 71, 75.—Mol., (1857a) 1858d, 151; 1861c, 292.—Moniez, 1889p, 361-385, pl. 7 figs. 1-13; 1889q, 1-25, pl. 7 figs. 1-13; 1890c, 192.—Mordw., 1908, v. 13 (1-2), 144.—Perrier, 1871a, 5-64, pls. 1-2 figs. 1-34; 1871b, 337-339.—Rail., 1916, JP, 99.—Schneid., 1866a, 29, 107, 235, 238.—Shipley, 1896a (1901b), 163.—Stiles & Hass., 1905b, 111.—Wallenstedt, 1847, 8.

androphora Nitzsch., 1821a, 48-49 (in Triton tenuatus; by Nitzsch).—Carus, 1863, v. 2, 460 (in Tritonen).—Crep., 1839a, 281 (in Wassersalamander).—Dies., 1851a, 205 (s. Asc. (Hed.) a., A. leptocephala) (in Bufo calamita; Berl.; Bignon; M. C. V.; Hypochthon laurentii; M. C. V.; Lissotriton punctatus; Triton cristatus; Breslau); 1861c, 274.—Duj., 1845a, 291.—Galeb., 1878b, 367.—Hannover, 1864a, 3 to (Asc.).—Leidy, 1886a (1904a), 313 (193) (s. Synplecta pendula) (in Nanemys guttatus).—Linst., 1909, J. 75, 63-64 (in stomach of Bombinator igneus, H. l., Triton alpestris, T. c., T. exiguus, T. t.; in spleen of Bufo calamita; larva in Asellus aquaticus; 1909a, 75, fig. 66

HEDRURIS—Continued.*androphora*—continued.

(in *Bufo*. cal., Bom. ig., T. a., T. c., T. t.).—Mol., 1858, 151; 1861c, 292-295, pl. 10 figs. 3, 5-8, 19 (in B. c., B. i., H. l., T. c., T. e., L. p.).—Pavesi, 1881a, 296-297 (in *I'ululone*, B. c.).—Schulthess, 1882a, 183.—Schneid., 1866a, 107-108, 234, 252, 278, 280, 286, 313, pl. 4 fig. 8, pl. 24 fig. 17.—Seur., 1916, 347 (of Schmelz).—Stiles & Hass., 1894e, 341 (in *Amblystoma mexicana*, N. g.).—Stoss., 1891d (e), 109 (1) (in T. c.).—Wedl, 1855b, 403-404, 408, fig. 12 (in T. igneus, T. c.).—Also reported for *Emys guttata*, *Proteus anguineus*.

armata Perrier, 1871a, 1-64, figs. 1-34 (in *Emys picta*; Mus. Paris); 1871a, 337-339.—Galeb, 1878b, 329, 331.—Linst., 1909, v. 1 (1), 63 (in E. p.), 66.

hipsirhinæ Chatin, 1876a, 803-805 (in *Hipsirhina bocourti*; Cochinchina).—Linst., 1909, AN, J. 75, 64 (in intest. H. b.).

orestiæ Moniez, 1889p (q), 361-385 (1-25), figs. 1-6, 8-13 (in intest. of *Orestias mülleri*; Lake Titicaca, Peru and Bolivia); 1890c, 192.—Linst., 1909, Jhg. 75, 64 (in O. m.).—Nev.-Lem., 1905g, 255, 256 (in O. albus, O. m.; L. T.); 1909, 110.—Seur., 1916, 347 (in *Allorchestes*).

siredonis Baird, 1858a, 225-226, pl. 52 figs. 1-4 (in stom. *Siredon mexicanus*; Mex.).—Linst., 1878a, 204; 1909, J. 75, 64 (in S. m.).

squamata Linst., 1909, AN, v. 1 (1), 63-66, figs. 1-8 (in *Clemmys guttata*; Offen-burg).

HELICOTHRIX Galeb, 1878b, 296-298 (tsd. *Oxyuris spirotheca*) (subg. of *Oxyuris*, contains *spirotheca*, *hydrophili*, *hydroi*, *hydrobi*), 379 (*Helicotrix*).—Rail. & Henry, 1916, 114 (so. *Pseudonymus Dies.*).—Stiles & Hass., 1905b, 111.

HELICOTRIX Galeb, 1878b, 379 (for *Helicotrix*).

HELIGMOSOIDES Rail., 1916, RMv, 519 (for *Heligmosomoides*, 1916).

HELIGMOSOMINÆ Trav., 1914, Bm, 325, 326 (3, 5, 6) (contains *Heligmosomum*, *Viannaia*).—Hall, 1916a, 123, 148-149, 158, 160 (contains *Heligmosomum*, *Heligmosomoides*, *Viannaia*); 1916b, 518.

HELIGMOSOMOIDES Hall, 1916a, 149, 159, 160-161 (tod. *linstowi*).

linstowi Hall, 1916a, 161-162, figs. 205-208 (s. *Str. polygyrus* Duj. of Linst.) (in *Microtus arvalis*; Germany).

HELIGMOSOMUM Rail. & Henry, 1909a, 86-87 (tod. *costellatum*); 1912, 566.—Hall, 1916a, 141, 146, 148, 149-150, 151, 153, 154, 155, 157, 158, 159; 1916b, 519.—Seur., 1917, CrSB, 354.—Trav., 1914, 5.

agoutii Neiva, Cunha, & Trav., 1914, 184-185, pl. 26 fig. 4.

brasiliense Trav., 1914, Bm, 326 (34) (in *Mus decumanus*; Rio de Janeiro).—Hall, 1916a, 150, 154-155 (in *Epimys norvegicus*; Brazil); 1916b, 519.

costellatum (Duj., 1845) Rail. & Henry, 1909a, 88.—Hall, 1916a, 149, 150-151, 153 (in *Microtus arvalis*; France).

depressum (Duj., 1845) Rail. & Henry, 1909a, 88.

gracile (Leuck., 1842) Rail. & Henry, 1909a, 88.—Hall, 1916a, 150, 153 (in *Glis glis*; Europe).

læve (Duj., 1845) Rail. & Henry, 1909a, 88.—Hall, 1916a, 150, 153-154, 160 (in *Dipodilla campestris*, *Pitymys subterraneus*, *Apodemus sylvaticus*, *Eliomys quercinus*; Europe, Algeria).—Seur., 1914, 521 (in D. c.; A.); 1915, v. 48 (3), 171-177 (1-7), figs. 1-4 (in D. c.; A.).

minutum (Duj., 1845) Rail. & Henry, 1909a, 88.—Hall, 1916a, 150, 151-152, 153, 157, fig. 199 (in *Microtus arvalis*, *Apodemus sylvaticus*, *Pitymys subterraneus*; France).

polygyrum (Duj., 1845) Rail. & Henry, 1909a, 88.—Hall, 1916a, 159 (to *Viannaia*).

vexillatum Hall, 1916a, 150, 152, 155-158, figs. 200-204 (in *Thomomys fossor*; Colo.).

HELIGMUS Duj., 1845a, 136, 147-148 (mt. *longicirrus*) [not *Eligma* Hüb., 1816, lepidopt.; corrected to *Heligma* by —?, — see Scudd., 1884, 143; *Heligmus* Cand., 1864, coleopt.; not *Eligmus* Desl., mollusk].—Carus, 1863, 461.—Mol., 1857a, 151.—Stiles & Hass., 1905b, 111.

longicirrus Duj., 1845a, 148 (in *Pleuronectes platessa*; Rennes).—Carus, 1863, 461.—Dies., 1851a, 206 (in *Platessa vulg.*; Rennes).—Krøyer., 1838-40a, 610 (in P. v.).

- HELMINS** Schlotthauber, 1860, 128 [it is doubtful whether this should be interpreted as a generic name].—Stiles & Hass., 1905b, 111.
nematoideus dubius Schlotthauber, 1860a, 128 (in intest. *Equus cab.*; by Schlotth.).
nematoideus paradoxus Schlotthauber, 1860a, 128 (in *Gadus aeglefinus*, *Sterna hirundo*).
- HELMINTHUS** Dungl., 1895a, 518 (Hairworm: *Seta equina*). [It is very doubtful whether this is intended as a generic name.]
gordii Dungl., 1895a, 518 (Hairworm; *Seta equina*).
- HEMIPSILUS** Quatref., 1846a, 131-132 [one unnamed species] (marine anguillule).—Bast., 1865c, 172 (gives three species).—Bütsch., 1874b, 277 (so. *Thoracostoma*).—Leuck., 1849a, 157-159.—Schneid., 1866a, 51.—Stiles & Hass., 1905b, 111.
amphacanthus Grube, 1855, [nv.].—Bast., 1865c, 172: species Quatref., 1846a, 131 (marine; côtes de la Manche).—Bast., 1865c, 172.
trichodes Leuck., 1849a, 157-159 (marine; Iceland).—Bast., 1865c, 172.
- HEMONCHUS** Horta, 1913, RVZ, v. 3 (1), 3-10, 3 pls. (for *Hæmonchus*).
contortus (Rud., 1803a) Horta, 1913, v. 3 (1), 3-10, 3 pls.
- HEPATICOLA** Hall, 1916a, 19 (*Trichurinae*), 30, 31 (tod. *hepatica*): 1916b, 517.
hepatica (Bancroft, 1893) Hall, 1916a, 30, 31-33, figs. 35-36 (in *Epimys alexandrinus*, *E. norvegicus*, *Lepus europæus*; Australia, Europe, U. S. A.).
- HERUCA** Scop., 1777, 383 (gives only *Tenia heruca*, see also *Hæruca*).—Blainv., 1824a, 515 (*Hèruque*, French).—Stiles & Hass., 1905b, 111.
- HETERACHIS** Galeb, 1878b, 310, 317 (for *Heterakis*).
vesicularis (Froel., 1791a) Galeb, 1878b, 310, 317.
- HETERACIS** Mol., 1858d, 149-150 (type *vesicularis*: for *Heterakis*): 1861c, 289-290.—Müell., 1904a, 119.—Olss., 1869b, 487.—Stiles & Hass., 1905b, 111.
- Heterakiasis** (infection with *Het.*).—Hut. & Mar., 1913b, 500-502.
- HETERAKIDÆ** Rail. & Henry, 1914, ICZ, 674-682 (key to genera: *Ascaridia*, *Aspidodera*, *Cissophyllus*, *Dacnitis*, *Het.*, *Subulura*): 1915, 447.—Hall, 1916a, 39, 44, 51, 62, 64, 65 (contains: *Het.*, *Asp.*, *Ascaridia*, *Dac.*, *Sub.* C.); 1916b, 518.—Lane, 1914, 655; 1916, IJMR, 99-103.—Rail., 1915, 491; 1915, 734.—Seur., 1916, 143; 1917, CrSB, 350.—Skrj., 1916, 487; 1916, 53.—Trav., 1914, 137, 138 (contains: *Ascaridia*, *Asp.*, *Het.*, *Oxinema*, *Paraspidodera*, *Strongyluris*, *Subulura*).
- HETERAKINÆ** Rail. & Henry, 1912, 256 (changed in footnote to *Heteracinae*).—Hall, 1916a, 44, 45, 49; 1916b, 518.—Lane, 1914, 655 (contains: *Ascaridia*, *Aspidodera*, *Het.*, *H.* (*Strongyluris*)); 1916, IJMR, 101.—Trav., 1913, 271 (contains: *Aspidodera*, *Ascaridia*, *Cissophyllus*, *Dacnitis*, *Het.*, *Subulura*): 1913, v. 5 (3), 271-318, pls. 27-31 figs. 1-38; 1914, v. 6 (2), 137, 138 (subf. of *Heterakidæ*, contains: *Ascaridia*, *Asp.*, *Het.*, *Paraspidodera*, *Strongyluris*).
- HETERAKIS** Duj., 1845a, 136, 222-230 (tod. *vesicularis* de la poule).—Bail., 1866b, 36.—R. Bl., 1888a, 661.—Bonneson, 1911, v. 23 (7), 177-182.—Braun, 1883a, 159; 1895b, 213; 1903a, 253; 1915a, 285, 291.—Carus, 1863, v. 2, 461.—Cobb, 1896a, 746-753, figs. 1-8 (in fowls).—Gedørlst, 1911a, 132.—Gendre, 1909, v. 63, 33-41, figs. 1-22, 74-83, figs. 1-15; 1911, v. 65, 68-78, figs. 1-9 (*Dahomey*); 1911, 1-11, figs.—Guerrini, 1914, AdP, v. 16, 337-372 (*eosinophilæ*).—Hall, 1916a, 44, 45, 52, 105.—Johnst., 1913, PRSQ, v. 24, 63-91, pls. 1-4.—Kasperek, 1902a, 245-247.—Lane, 1914, Oct. 655 (g. of *Heterakinae*), 656 (diag. type *vesicularis*), 660; 1916, IJMR, 100, 101; 1917, IJMR, 754-756.—Leiper, 1908, RWRL, in 187-199, figs. 1-12.—Linst., 1898c, in 280-291, 2 pls.: 1900g, 6; 1902a, in 217-232, 1 pl.: 1904f, 9 (6), 2 pls.: 1906, SZ, v. 3, in 163-188, 3 pls.: 1906, AN, Jhg. 72, in 249-258, 3 pls.: 1906, v. 41, in 749-752; 1907, v. 2, 324; 1907, v. 47, in 111-114; 1907, in 251-259; 1909, CIB, v. 50, in 448-451, figs. 1-4; 1909a, 48, 55.—Looss, 1901a (1902), 41; 1905a, 18; 1911a, 182, 183, 189, 515.—Nev.-Lem., 1908a, 416; 1912a, 643.—Rail., 1893a, 405-409 (contains: *Cheilostomi* for *H.* *sensu stricto*, and *Acheilostomi* for *Stelmus* and *Subulura*): 1915, 491.—Rail. & Lucet, 1892d, 117-120: 1893a, 43 (cf. *Cheilostomi*, *Acheilostomi*).—Rail. & Henry, 1912, 256, 257 (type *vesicularis*).—Rollet., 1888a, 679, 681, 682, 686.—Schep., 1908f, 198.—Schneidem., 1896a, 305.—Schneid., 1866a, 25, 29, 30, 31, 66-70, 109, 126, 189, 190, 204, 234, 235, 239, 241, 242, 243, 245, 247, 248, 286.—Seur., 1914, BSHnA, v. 6, 195-202, figs. 1-5 (of birds); 1914, v. 6 (8), 222-225, figs. 1-4.—Shipley, 1896a (1901b), 131, 139.—Skrj.,

HETERAKIS—Continued.

- 1916, 487-488.—Sons., 1891d, 291 (in *Gallus dom.*).—Stiles & Hass., 1905b, 111.—Stoss., 1887f (1888a), 277-301 (1-25), pls. 3-9 figs. 1-45; 1889, 277; 1898c, 75-76; 1904b, in 1-4, pl. 1 figs. 1-11.—Theobald, 1899, (thymol).—Trav., 1913, 271, 272, 274-275 (type *vesicularis*); 1914, v. 6 (2), 138.—Ward, 1897b, 184.—Will.-Suhm, 1870a, 14.
- abbreviata* (Rud., 1819) Stoss., 1887f (1888a), 294, 295, 299 (18, 19, 23) (in *Scorpæna cirrhosa*).
- acuminata* (Schrank, 1788) Duj., 1845a, 227-228 (in *Hyla arborea*, *Rana escul.*, *R. temp.*, *Triton palustris*; Europe).—Baird, 1853a, 27 (s. *Asc. subulata*, *acuminata*, *ranæ*) (in *R. t.*).—Dies., 1851a, 153 (to *Asc.*).—Olss., 1876a, 147.—Stewart, 1914, 167.—Stoss., 1898c, 80 (to *Oxysoma*).
- acutissima* (Mol., 1860) Stoss., 1887f (1888a), 289, 297, 298, 299, 301 (13, 21, 22, 23, 25) (in *Cuculus seniculus*, *Strix atricapilla*).
- ægyptiaca* Linst., 1902a, 218, fig. 2 (in *Ardea garzetta*; Egypt).
- africana* Gendre, 1909, xxxiii-xxxvi (1-6), figs. 1-7 (in *Cinixys belliana*; Saré Kindia, French Guiana); 1911, PVSL, Bordeaux, 69 (2) (in *C. b.*, *Varanus arenarius*; Abomey, Guiana).—Rail. & Henry, 1914, 676 (in *C. b.*, *V. a.*).
- alata* Schneid., 1866a, 76, 1 fig. (in *Tinamus sp.*; Brazil).—Lane, 1917, IJMR, 758.—Stoss., 1888a, 285 (in *T. sp.*; B.).—Rail. & Henry, 1914, 675 (in *T. sp.*).—Trav., 1913, 279, 280-281, pl. 27 fig. 2 (in *Crypturus sp.*, *T. sp.*).
- allodapa* (Crep., 1853) Seur., 1914, CrSB, 154-157, figs. 1-4, to *Subulura* (H.) (in *Cariama cristata*; Brazil).
- amblymoria* Drasche, 1883a, 139 (1), pl. 12 figs. 1-3 (in *Caprimulgus* (*Podager nacunda*) *campestris*; Brazil) (*Heteracis*).—Stoss., 1888a, 282 (in *C. c.*; B.).
- annulata* Mol., 1860e, 340 (12) (s. *colubri*) (in *Ophis saurocephalus*; Caicara).—Dies., 1861a, 643 (in *O. s.*; Brazil).—Rail. & Henry, 1914, 676 (in *O. s.*).—Stoss., 1888a, 292 (in *O. s.*).
- anomala* Linst., 1904f, 7, pl. 1 figs. 10-11 (in *Tropidonotus piscator*; Colombo).—Baylis, 1916, 229 (to Tanguay).—Rail. & Henry, 1914, 676 (in *Tropidonotus p.*).
- arquata* Schneid., 1866a, 77, 1 fig. (in *Crypturus cupreus*; Brazil).—Lane, 1917, IJMR, 755.—Stoss., 1888a, 286 (in *C. c.*; B.).—Trav., 1913, 278, 281-282, pl. 27 fig. 3 (in *C. c.*, *Psophia viridis*).
- attenuata* (Mol., 1858) Stoss., 1888a, 293 (in *Leuciscus cavedanus*).
- australis* Linst., 1898c, 285, fig. 10 (in *Macropygia nigrirostris*; Ralum).
- bancrofti* Johnst., 1912, 72-73, pl. 4 figs. 28, 30 (in *Catheturus lathamii*; Australia); 1912, v. 12, 106 (in *C. l.*; S. Q.).—Rail. & Henry, 1914, 676 (in *Talegallus (C.) l.*).
- beramporia* Lane, 1914, 658-660, pl. 75 figs. 1-3 (in domestic fowl; Berhampore, Bengal); 1917, IJMR, 755.
- borcalis* Linst., 1884a, 131-132, pl. 8 fig. 12 (in *Lagopus mutus*); 1903u (1904a), 268 (4) (in *Tetrao lapopus*; Kamtschatka).—Stoss., 1888a, 283.
- bosia* Lane, 1914, 656, 657-658, 660, pl. 74 figs. 8-10 (in gut, *Cerionis satyra*; Calcutta Zoo.).
- bouti* Gendre, 1911, ASL, Bordeaux, 74-76 (7-9), figs. 1-6 (in *Xerus erythropus*; Agouagon).—Hall, 1916, 54 (to *Subulura*).
- brasiliana* Linst., 1899b, 11-12, pl. 2 fig. 21 (in *Perdix sp.*; Brazil).—Lane, 1917, IJMR, 756.—Rail. & Henry, 1914, 676 (in *P. sp.*).
- brasilensis* Magal., 1892g, 210, 219-221, figs. (in *Gallus dom.*; Rio de Janeiro).—Gedæst, 1903a, 58, 103 (in *G. gallinaceus*; 1911a, 133 (in chicken).—Hass., 1896a, 5 (in *G. d.*).—Hut. & Mar., 1910b, 500.—Nev.-Lem., 1912a, 1214; 1912, 682.—Par., 1900c, 195.—Rail., 1893a, 408-409 (in poule).
- brevicauda* Ratz, 1897c, 450-452, 1 fig. (in intest., *Lucioperca sandra*; by Ratz in Balaton).—Hofer, 1904a, 230 (in *L. s.*).—Linst., 1909a, 56 (in *L. s.*).—Pratt, 1916a, 225.
- brevicaudata* (Zed., 1800) Duj., 1845a, 228-230, pl. 5 fig. E. (in *Anguis fragilis*, *Bufo cinereus*, *B. igneus*, *B. fuscus*, *B. viridis*, *Coluber natrix*, *Rana temp.*, *Salamandra maculata*, *S. atra*; Europe).—Dies., 1851a, 153 (of Duj., so. *Asc. acuminata*).—Schneid., 1866a, 114 (in *R. t.*).—Stewart, 1914, 166, 167-168.—Stoss., 1898c, 80 (to *Oxysoma*).—Also reported for *Lucioperca sandra*.

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- brevicaudata* (Muell., 1894) Rail. & Henry, 1914, 677 to (*Strongyluris*) (in *Agama colonorum*).
- brevispiculum* Gendre, 1911, 72-73 (5-6), figs. 1-4 (in *Gallus gallinaceus*, *Numida meleagris*, *Francolinus bicalcaratus*; Abomey, Zagnando).—Rail. & Henry, 1914, 676 (in G., N., F.).
- calcarata* Gendre, 1909, lxxv-lxxviii (4-6), figs. 1-6 (in *Numida meleagris*; Labé); 1911, 71 (4) (in N. m.; Abomey, Zagnando).
- campanula* Linst., 1899b, 10-11, pl. 2 fig. 16 (in intest., *Lacerta campestris*; Ypanema, Brazil).—Trav., 1913, 279, 283-284, pl. 27 fig. 7 (in L. c.).
- campula* Rail. & Henry, 1914, IZC, 676 (misprint for *campanula*) (in *Lacerta campestris* (?), "probablement *Agama*"; Brazil).
- catheturinus* Johnst., 1912, PRSQ, v. 24, 73-74, pl. 3 figs. 23, 25, pl. 4 figs. 26, 27 (in *Catheturus lathamii*; Burnett River); 1914, v. 12, 106 (in C. l.).
- caudata* Linst., 1906, v. 1 (3), 250-251, fig. 4 (in *Lampronessa sponsa*; Zool. Mus. Koenigsb.).—Rail. & Henry, 1914, 676 (in *Anas sponsa*).
- chenonette* Johnst., 1912, PRSQ, v. 24, 71-72, pl. 4 figs. 31, 33 (in *Chenonetta jubata*; Sydney); 1912, v. 12, 107 (in C. j.; N. S. W.).—Rail. & Henry, 1914, 676 (in C. j.).
- circularis* Linst., 1903k, 110, fig. 6 (in *Centropus sinensis*; Siam).—Lane, 1914, 664 (in C. s.; S.).—Shipley, 1903l, 153 (in C. s.).
- circumvallata* Linst., 1906, v. 1 (3), 251, fig. 5 (in *Cygnus atratus*; Zool. Mus., Koenigsb.).—Gedelst, 1911a, 133 (in swan).—Johnst., 1912, v. 12, 107 (in *Chenopsis atrata*; K.).—Rail. & Henry, 1914, 676 (in *Cyg. a.*).
- columbae* (Gmel., 1790) Rail., 1885a, 324 (s. *Asc. maculosa*) (in pigeon); 1893a, 406 (so. *mac.*).—Gedelst, 1911a, 133 (in domestic pigeon, pheasant, etc.).—Hut. & Mar., 1913b, 500.—Martin, 1913, 4, 32-34, 41, 57, 64, 67, 68, 88, 118, 119, 122, 127, 130, 141, 142, 145, 146.—Nev.-Lem., 1912a, 677.—Vauil., 1901a, 136 (in pigeons, pheasants) ("=H. *mac. Rud.*").
- compar* (Schrank, 1790) Stoss., 1887f (1888a), 287, 296, 299 (11, 20, 23) (in *Caccabis saxatilis*, *Coturnix dactylisonans*, *Ortyx virginianus*, *Perdix cinerea*, *Tetrao urogallus*, *T. lagopus*; Fla.); 1890e, 55.—Fiebiger, 1912a, 302, fig. 224.—Gedelst, 1903a, 58, 103 (in *Gallus gallinaceus*); 1911a, 133.—Hass., 1896a, 5 (s. *Asc. lagopodis*) (in G. dom.).—Hut. & Mar., 1913b, 500.—Linst., 1899b, 12, pl. 2 fig. 18 (in T. u.; Isergebirge); 1906, v. 47, 112 (in T. *tetrix*).—Muell., 1897a, 10, 11, pl. 2 fig. 1a, 1b (in T. t., T. u.) (Heteracis).—Nev.-Lem., 1912a, 682.—Rail., 1893a, 408 (s. *Asc. l.*).—Wehrmann, 1909a, 234, 235, 237 (in G. d., *Numida meleagris*).—Also reported for *Colinus virginianus*, *Coturnix communis*.
- compressa* Schneid., 1866a, 67, 71, pl. 3 fig. 14 (in *Gallus dom.*; Adelaide, S. Australia).—Anacker, 1887c, 514.—Caruccio, 1886, 293.—Fiebiger, 1912a, 303.—Gedelst, 1903a, 58, 103 (in G. *gallinaceus*); 1911a, 133 (in rooster).—Hass., 1896a, 5 (in G. dom.).—Hut. & Mar., 1910b, 500; 1913b, 500.—Land., 1882, 23.—Magal., 1892g, 220, 221 (in G.; Australia).—Nev.-Lem., 1912a, 681.—Rail., 1893, 406.—Stoss., 1888a, 280 (in G. d.; Adelaide, A.).—Verrill, 1870c, 180 (in chicken).—Wehrmann, 1909a, 237 (in G. d.).
- cordata* Linst., 1906, v. 41 (7), 749-750, fig. 1 (in *Callipepla squamata*; Mex.).
- crassispiculum* Sons., 1889c, 227-228 (in *Megalotis cerdo*; Egypt); 1895c (d), 124 (6) (in M. c.).—Seur., 1915, CrSB, 126.
- cristata* Linst., 1901b, 413, figs. 8-9 (in *Balearica regulorum*; Langenburg, Nyassa-See, Africa).
- curvata* Linst., 1883a, 291-292, pl. 7 fig. 24 (in *Perdix graca*; Turkestan); 1886, 15.—Seur., 1914, 156.—Stoss., 1887f (1888a), 287-288, 296, 299, 300 (11-12, 20, 23, 24), fig. 23 (in P. g.; T.).
- cylindrica* Blome, 1909, ZV, v. 21, 353, 365-368, pl. 2 figs. 12-15, pl. 3 figs. 13-16 (in *Tetrao urogallus*; Breslau).
- dahomensis* Gendre, 1911, 76-78 (9-11), figs. 1-5 (in *Cricetomys gambianus*; Abomey).—Hall, 1916a, 45, 48 (so. *spumosa*).—Rail. & Henry, 1914, 676 (in C. g.).
- differens* Sons., 1890k, 136-137 (3-4) (in *Gallus dom.*; Pisa); 1891d, 291.—Fiebiger, 1912, 303.—Gedelst, 1903a, 58, 103 (in G. *gallinaceus*); 1911a, 133 (in

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- chicken).—Hass., 1896a, 5 (in G. d.).—Hut. & Mar., 1906a, 399; 1910b, 500; 1913b, 500.—Nev.-Lem., 1912a, 682.—Par., 1894a, 222, 672 (in G. d.).—Rail., 1893a, 409 (in G. d.; Pisa).
- dispar* (Schrank, 1790) Duj., 1845a, 225–226 (in geese).—Bail., 1866b, 36.—Clerc, 1903, 250, 256.—Cobbold, 1859d, 365, pl. 63, figs. 26–27 (in Sandwich Island goose).—Dies., 1851a, 149 (to Asc.); 1861a, 643 (in *Strix passerina*; Padua); 1861, 274.—Fiebiger, 1912a, 301, fig. 222.—Gedöelst, 1903a, 58, 106 (in *Anas boschas* dom. *Anser cinereus* dom.); 1911a, 133, fig. 178 (in domestic ducks, fat geese).—Hut. & Mar., 1906a, 399; 1910b, v. 2, 500; 1913b, 500, 501.—Linst., 1909 (15), 55, fig. 14 (in *Anas boschas*, *Anser anser*, *A. fabalis*, *Tadorna tadorna*).—Lucet, 1896a, 289 (in oie).—Mol., 1858d, 150 (in *Strix passerina*; Padua) (*Heteracis*); 1861c, 291–292 (in *Anas anser* dom., *A. canadensis*, *A. leucopsis*, *A. moschata*, *Strix passerina*).—Nev.-Lem., 1912, 680.—Rail., 1893, 408, fig. 268.—Rail. & Henry, 1914, 676 (in *Anas*, *Anser*).—Schneidem., 1896a, 323 (in *Ente*, *Ganse*).—Schneid., 1866a, 75, 1 fig. (in *Anas tadorna*; Berl.).—Skrj., 1916, 492–493 (in *A. a. d.*; Aoulié-ata, Syr Daria).—Stoss., 1887f (1888a), 284 (8), 295, 298, 299, 300 (19, 22, 23, 24), fig. 13 (in *Anas b. d.*, *A. c.*, *A. l.*, *A. m.*, *A. tadorna*, *Anser cinereus*, *Surnia passerina*); 1890e (f), 55 (10) (in *Anas* dom.).—Trav., 1913, 275.—Verrill, 1870c, 180 (in goose).—Also reported for *Anser segetum*.
- distans* (Rud., 1809) Schneid., 1866a, 66, 68, 73–74, 233, 234, pl. 3 fig. 10 (in *Simia sabaea*; ? Berl.).—Linst., 1900g (1901), 5–9, pl. 2 figs. 10–22 (in *Callithrix caligata*, *Cercopithecus cephus*, *C. collaris*, *C. fuliginosus*, *C. sabæus*, *Hapale bicolor*, *H. chrysoleucos*, *H. jacchus*, *H. melanura*); 1902k, 373; 1907, v. 26 (6), 469.—Stoss., 1888a, 291, 298, 299, 300 (15, 22, 23, 24) (in *Cebus caligatus*, *Cercopithecus s.*, *C. f.*, *H. j.*, *H. crysoleucos*, *Jacchus melanurus*, *J. bicolor*; Brazil).—Stewart, 1914, 173.
- dolichoerca* Stoss., 1902c (d; e), 7–8 (67–68; 7–8), pl. 5 figs. 30–32 (in *Circus spilo-thorax*; New Guinea).
- elegans* Gendre, 1909, xxxvi–xxxix (6–9), figs. 1–7 (in *Chamaeleon gracilis*; Labé, French Guiana); 1911, 69 (in *Cameleons*; Abomey).—Rail. & Henry, 1914; 667 to (*Strongyluris*) (in *C. g.*).
- farix* Lane, 1917, P, 756 (for *fariai*).
- fariai* Trav., 1913, MIOC, 278, 284, pl. 28 fig. 10 (in *Odontophorus capueira*, Sta. Cruz im Staate Rio).—Lane, 1917, IJMR, 756 (*fariae*).
- fasciata* Schneid., 1866a, 68, 69, 78, 236, pl. 3 figs. 18–20 (in *Dasypus novemcinctus*; Brazil).—Stoss., 1888a, 287 (in *D. n.*; B.).
- fax* Par., 1889c, 769–770, pl. 3 figs. 9–11 (in *intest.*, *Testudo* sp.; Birmanie); 1891, v. 10, 495 (in *T. sp.*).—Rail. & Henry, 1914, 676 (in *T. sp.*).—Trav., 1913, 310 (of *Sons*).
- flexuosa* Schneid., 1866a, 67, 72–73, pl. 3 fig. 17 (in *Crotalus*; Brazil).—Stoss., 1887f (1888a), 283, 295, 299, 301 (7, 19, 23, 25), figs. 9, 43 (in *C. sp.*; B.).—Trav., 1913, 279, 288, pl. 27 fig. 9 (in *C. sp.*).
- forciparia* Schneid., 1866a, 68, 75 (in *Bucco* sp., *Caprimulgus ruficollis*, *C. nacadua*, *C. urutau*, *Cuculus navius*, *C. seniculus*, *C. tingazu*, *Dicholophus cristatus*, *Tetrao uru*; Brazil, Spain).—Stoss., 1887f (1888a), 288–289 (12–13) (*s. Asc. strongylina*) (in *Bucco collaris*, *B. macrorhynchus*, *B. melanoleucos*, *B. rufiventris*, *B. striolatus*, *B. tamatia*, *Caprimulgus nacadua*, *C. r.*, *C. u.*, *Cuc. n.*, *C. s.*, *C. t.*, *D. c.*, *Monasa leucops*, *M. rubecula*, *M. tenebrosa*, *M. torquata*, *M. tranquilla*, *Perdix dentata*, *Podager nacunda*, *Tet. u.*, *Tinamus tatuapa*).
- foveolata* (Rud., 1809) Schneid., 1866a, 68, 69, 74, 189, 198, 218, 221, pl. 4 fig. 1 (*s. ?abbreviatus*, *?alatus*, *heterochrous*, *minutus*) (in *Blennius phycis*, *Pleuronectes maximus*, *P. flesus*, *P. passer*; Europe).—Carus, 1885a, 173 (in *Muraena*, *Phycis*, *Pleuronectides*, *Phycis mediterranea*).—Linst., 1905d, 329, 330 (*s. Cucullanus globosus*, *C. sp.*), 350, 351, 395 (in *Anguilla chrysypa*, *Galeichthys milberti*, *Leptocephalus conger*, *Micropogon undulatus*; Beaufort); 1907, v. 33, 93–94, 121–122, figs. 5–10 (in *Diplodus sargus*, *Holocentrus ascensionis*, *Lycodontis moringa*, *Mycteroperca apua*, *Neomænis griseus*; Bermuda).—Müeh., 1898b, 46 (in *Platessa flesus*).—Nicoll, 1907a, 71, 72, (in *Gadus aeglefinus*, *Hippoglossus vulg.*, *Pl. platessa*).—Stoss., 1887 (1888a), 290–291, 295, 299, 300 (14–15, 19, 23, 24), fig. 27 (*s. Cucullanus heterochrous*, *Dacnitis heterochrous*, *D. esuriens*) (in *Dentex vulg.*, *P. m.*, *Platessa vulg.*,

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P. flesus, *P. limanda*, *Solea vulg.*; 1898c, 78 (to *Dacnitis*).—Will.-Suhm, 1870a, 14.—Also reported for *Conger cassinii*, *Gadus morrhua*, *Hippoglossus maximus*, *Pleuronectes passer*.

francolina Linst., 1899b, 11, pl. 2 fig. 20 (in *Francolinus bicalcaratus*; Togo, Bismarckburg).

fusiformis (Mol., 1860) Stoss., 1887f (1888a), 290, 295, 299 (14, 19, 23) (in *Platessa flesus*); 1890, 56; 1898c, 78 (in *P. passer*; Trieste).

gadorum (Ben., 1858) Stoss., 1887f (1888a), 295, 299 (19, 23) (in *Gadus morrhua*).

gallopavonis (Gmel., 1790) Rail., 1893b, 36.—Vaull., 1901a, 130, 135–136 (in Gallinaces).

gracilis Linst., 1883a, 294 (in *Agama sanguinolenta*; Turkestan); 1886, 18.—Rail. & Henry, 1914, IVC, 676 (in *A. s.*).—Stoss., 1888a, 294 (in *A. s.*; T.).

granulosa Linst., 1906, v. 3 (11), 168, pl. 3 fig. 49 (in *Gallus gallinaceus*; Colombo).—Gedølst, 1911a, 133 (in chicken).—Lane, 1914, 664 (in *G. g.*; C.).

hamulus Linst., 1906, v. 1 (3), 251–252, fig. 6 (in *Pavo spicifer*; Zool. Mus. Königsb.).—Gedølst, 1911a, 133 (in peacock).—Rail. & Henry, 1914, 675 (in *P. s.*).

hians (Duj., 1845) Stoss., 1887f (1888a), 293–294, 299 (17–18, 23) (*s. Dacnitis hians*) (in *Conger vulg.*, *C. cassinii*, *Muraena helena*).

inflexa (Zed., 1800 of Rud., 1819a) Schneid., 1866a, 67, 70, pl. 3 fig. 12 (*s. Asc. perspicillum*) (in *Gallus dom.*, *Meleagris gallopavo*; Berl.).—Anacker, 1887c, 514.—R. Bl., 1891t, 484 (in poule; Liberia).—Carruccio, 1886b, 279, 280–281 (in hen's egg); 1887a.—Centoscudi, 1911, v. 37, 394, 399.—Cobb, 1896a (b), 747, 750–752 (2, 5–7), figs. 2–4, 7 (in *Gallus gallus*; cosmopolitan); 1905, v. 16, 561–562, 1 fig. (in fowl's egg).—Demateis, 1895, v. 1, 209.—Favre & Garin, 1913, v. 22, 90–91; 1913, v. 120, 410–412; 1913, v. 11, 130–132.—Fiebiger, 1912a, 300.—Guittard, 1899b, 414.—Hass., 1896a, 5. 6 (*so. p.*); 1896b, 2 (*so. p.*).—Hut. & Mar., 1906a, 399; 1910b, 500; 1913b, 500, fig. 70.—Kowal., 1894a (b), 225; 1902d, 12, 30 (*so. p.*).—Land., 1882, v. 1, 23.—Linst., 1883a, 292 (in *Gallus dom.*; Turkestan); 1884, v. 50, 131, pl. 8 fig. 11; 1886, 16; 1903u (1904a), 268 (4) (in *Tetrao urogallus*; Petrograd); 1909 (15), 55, fig. 15 (in *Anas boschas*, *A. acuta*).—Lucet, 1888a, 314 (in chicken); 1898c, 91–92.—Magal., 1892g, 220, 221 (in *Gallus*; Brazil).—Møbius, 1888a, 19 (in hen's egg).—Mueh., 1898b, 46 (in *Anas boschas*, *G. d.*).—Nev.-Lem., 1912a, 673.—Par., 1887b, 347–348 (75–76) (*s. Asc. teres galli* (major), *teres anatis*, *lumbrioides*, *gallopavonis*, *anatis*, *inflexa*, *vesicularis*, *p.*, *crassa*, *funiculus*, *Fus. reflexa*) (in *Anas boschas dom.*, *A. b. fer.*, *A. moschata*, *A. acuta*, *G. d.*; Bologna, Padova); 1900c, 195 (in *G. d.*; Brazil).—Rail., 1893a, 406 (*so. p.*).—Roth, 1903a, in 1–40, 3 pls.; 1904a, 264; 1907a, 167; 1907b, 223–224.—Santasia, (1673), v. 4, 106–108.—[Santinelli, 1687, 17–22].—Saunders, 1914, v. 14, 132, 138.—Schneidem., 1896a, 323 (in Huhn, Ente).—Stiles & Hass., 1894e, 342 (in *G. d.*, *Phasianus gallus*).—Stoss., 1887, v. 10, 186, pl. 11 fig. 47; 1887f (1888a), 279–280, figs. 1, 35 (*s. Asc. p.*) (in *Anas ac.*, *A. m.*, *A. b. dom.*, *A. b. fer.*, *G. d. Meleagris gallopavo*, *Tet. ur.*; Europe & Turkestan); 1890e (f), 56 (11) (in *G. gallorum*); 1890g (h), 129 (1) (in *G. d.*; Semlino); 1891a, 216 (1) (in *M. g.*); 1898c, 76 (*s. p.*).—Wehrmann, 1909a, 235 (in *Numida meleagris*).—Wolffh., 1900a, 10, 49, 50, 51, 52, 53 (in *Tet. ur.*, *T. tetrix*; Europe).—Also reported for *T. bonasia*.

isolonea Linst., 1906, v. 1 (3), 252, fig. 7 (in *Thaumalea amherstiae*; Zool. Mus. Königsb.).—Gedølst, 1911a, 133 (in pheasant).—Hut. & Mar., 1913b, 500, 501.—Lane, 1914, 659, 660.—Lucet & Henry, 1911, v. 88, 320–333, 15 figs.; 1911, v. 88 (14), 320–333, figs. 1–15 (in *Crossoptilon manchurianum*, *Phasianus colchicus*, *P. chrysemelas*, *Thaumalea picta*, *T. amherstiae*).—Rail. & Henry, 1914, 675 (in *Phasianus*).

laticauda (Mol., 1860) Stoss., 1887f (1888a), 282–283, 296, 299, 301 (6–7, 20, 23, 25), figs. 8, 42 (in *Dicholophus marcgrafi*; Brazil).

laticaudata Trav., 1913, 276, 278, 287, pl. 28 fig. 13 (for *laticauda* Mol.) (in *Microdactylus cristatus*).

leprincei Gendre, 1909, lxxviii–lxxxii (7–8), figs. 1–8 (in *Macrodipteryx macrodip-terus*; Labé); 1911, 73 (in *Caprimulgus fossii*; Dahomey).—Seur., 1913, 329.

lineata Schneid., 1866a, 67, 70–71, fig. 1, pl. 3 fig. 15 (in *Gallus sp.*; Brazil).—Fiebiger, 1912a, 303.—Gedølst, 1903a, 58, 103, 106 (in *Anas boschas dom.*,

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- Gallus gallinaceus*: 1911a, 133 (in domestic duck, also roosters).—Hut. & Mar., 1913b, 500.—Linst., 1883a, 292, pl. 7 fig. 25 (in A. b. d.); 1886, 16; 1909 (15), 56, fig. 16 (in A. b.).—Magal., 1892g, 220 (in *Gallus*; B.).—Nev.-Icm., 1912a, 682.—Par., 1900c, 195.—Rail., 1893a, 406 (in A. dom.; G. sp.; B., Turkestan).—Stoss., 1888a, 280, figs. 2, 36 (in A. b. d., G. sp.; B., T.).—Wolffh., 1900a, 10, 48, 59 (in A. b. d., G. d.; Europe).
- longicaudata* Linst., 1879a, 174, pl. 11 figs. 22–22a (in *Megacephalon* maleo; lng.).—Rail. & Henry, 1914, IZC, 675 (in *M. malco*).—Stoss., 1888a, 286 (in M. m.).
- longicirrata* Linst., 1879a, 175, pl. 11 fig. 23 (in *Geopelia* sp.? [Dolchstichttaube; lng.]).—Stoss., 1888a, 283–284.
- macronis* Stewart, 1914, RIM, 170–173, 186–187, pl. 19 figs. 17–24, pl. 20 figs. 25–34 (in *Macrones* aor; Lucknow).
- macroura* Linst., 1883a, 293–294, pl. 8 fig. 28 (in *Megaloperdix nigellii*; Turkestan); 1886, 17.—Rail. & Henry, 1914, 675 (in M. n.).—Stoss., 1888, 280–281 (in M. n.).
- maculosa* (Rud., 1802) Schneid., 1866a, 67, 69, 72, pl. 3 fig. 11, pl. 17 fig. 8 (in *Columba* dom.; Berl.).—Aless., 1907, v. 8, 220–224, 2 pls. (in pigeon); 1907, v. 17 (3), 323–329, pl. 12 figs. 1–4; 1908, v. 41 (19–21), 661–662.—Anacker, 1893g, 184.—A., D., & E., 1901b, 3.—Bedel, 1902a, 147 (in C. d.); 1902, DtW, 305; 1903, 233 (in C. d.).—R. Bl., 1888a, 666 (in C. d.).—Collinge, 1911, 58 (in pigeon).—Fiebiger, 1912a, 302, figs. 225, 226.—Galli-Val., 1901c, 363 (in pigeon).—Geddelst, 1903, 58.—Gendre, 1911, 69–71 (in C. d.; Abomey, Athiémé).—Guerrini, 1912–1913, v. 2, 238–245.—Hut. & Mar., 1906a, 399; 1910b, 500; 1913b, 500, 501.—Jacquot, 1891a, 169–171 (in C. d.).—Knauer, 1888a, 40.—Kowal., 1902d, 25 (in *C. livia* dom.; Lwow).—Linst., 1896b (c), 204 (17) (toxine, convulsions); 1899b, 11, pl. 2 fig. 17 (in C. d.); 1901c, 186–188, pl. 8 figs. 5–9 (in C. l.; Mus. Frankf.).—Looss, 1892a, 12.—Messner, 1901b, 241–242.—Müch., 1898b, 46 (in C. d.).—Par., 1885a, 440–441 (19–20) (s. *Asc. columbæ*, *teres*) (in *Stictenas arquatrix*; Scioa); 1887 (76), 348–350; 1896, 5–6.—Pearson & Warren, 1896, 42, fig.—Rail., 1893a, 406–407, fig. 266 (s. A. c.) (in C. d., *faisan*).—Sabrazès & Salm, 1904a, 117; 1904b, 307–308.—Schneidem., 1896a, 323 (*makulosa*) (in pigeon).—Stiles & Hass., 1894e, 342 (in C. d.).—Stoss., 1887f (1888a), 281, 296, 297, 299, 301 (5, 20, 21, 23, 25) figs. 5, 39 (in C. d.; Italy, Germany; C. *livia*; Italy; C. *gutturosa*, C. *risoria*, C. *talpacoti*, C. *picui*, C. *speciosa*, *Stictenas arquatrix*; Europe, Scioa Africa; 1891, 110; 1896c (d), 121–122 (3–4) (in C. d. *laticauda*, C. *livia*; Trieste); 1898c, 76 (in *piccioni domestici e selvatici*; Trieste).—Vaull., 1901a, 136.—Wolffh., 1911, 78.—Also reported for C. *arquatrix*, *Turtur sylvaticus*.
- magalaei* Lane, 1917, P, 758 for *magalhaesi* (*Ascaridia*).
- magnipapilla* Linst., 1906, v. 47, 112, figs. 3–4 (in *Tetrao tetrix*; Friedland).
- makulosa* Schneidem., 1896a, 323 (for *maculosa*) (in pigeon).
- monticelliana* Stoss., 1892b, 72, 73 (9, 10), pl. 2 figs. 9–10 (in *Otistarda*; Leipzig); 1893, 333.—Rail. & Henry, 1914, 676 (in O. t.).—Skrj., 1916, 491, 493 (in O. *tetrix*; Auolié-ata. Tchén Kent. Syr-Daria).
- numida* Leiper, 1908 (3), 193–194, fig. 44 (in *Numida ptilorhyncha*; White Nile).
- ornata* Linst., 1897i, 29, fig. 5 (in *Stellio* vulg.; Coll. Koenigsb. Mus.).—Gendre, 1909, 75 (so. *strongyluris* or *strongylura*); 1909, 39–41, figs. 1–7 (in *Agama colorum*; Labe. French Guiana).—Rail. & Henry, 1914, 677 (to *Strongyluris*) (in *Stellio* vulg.).
- orthocerca* Stoss., 1902c (d. e), 67 (7), pl. 3 figs. 4–8 (in *Rhea americana*; Cagliari).—Trav., 1913, 278, 286, pl. 28 fig. 15 (in R. a.).
- papillosa* (Bloch, 1782) Rail., 1885a, 324 (s. *Asc. vesicularis*) (in dindons, faisans, poules, paons, pintades, etc.); 1893a, 407–408 (s. *ves.*, *Asc. ves. pars*).—Ackert, 1917, AR, v. 11, 537–538 (prevention).—Carruccio, 1886, 293 (s. *Asc. ves.*); 1886b, 281–283; 1887a, 281 (in hen's egg).—Centoscudi, 1911, ZA, v. 37, 394, 398, 399.—Clerc, 1903, v. 11, 248, 256 (in *Meleagris gallopavo*; Oural).—Cobb, 1896a (b), 748, 752–753 (3, 7–8), figs. 5–6, 8 (in common fowl; cosmopolitan).—Cobbett & Graham-Smith, 1911, 283, 307 (in grouse).—Fiebiger, 1912a, 300, fig. 223.—Galli-Val., 1901c, 362 (in *Phasianus versicolor*, P. *colchicus*, Poule).—Geddelst, 1903a, 58, 103, 104, 105, 106 (in *Anas boschas* dom., A. *cinereus* dom., *Gallus gallinaceus*, M. g. dom., *Numida meleagris* dom.

HETERAKIS—Continued.

papillosa—continued.

- Pavo cristatus*. Ph. col.).—Hass., 1896a. 5 (s. Asc. papillosa. ves.) (in Gallus dom.); 1896b. 2 (s. v., A. p., v.) (in M. g.).—Hut. & Mar., 1906a. 399; 1910b. 500; 1913b. 500.—Khitrow, 1900a. 4. 8 (cf. ves.).—Kowal., 1902d (e), 30 (12) (s. ves.) (in N. m.; Dublany); 1904. v. 38. 24 (9) (in Perdix perdix; D.).—Lucet, 1888a. 314 (in chicken).—Magal., 1892g. 220 (in Gallus).—Mote, 1914. 30.—Müh., 1898b. 46 (s. ves.) (in G. d.).—Neum., 1892d. 373 (in intest. of cat [cat has probably eaten this]).—Nev.-Lem., 1912a. 674.—Nicoll, 1914. 5 (in chickens; Queensland).—Perronc., [?1902]. 377 (Heterakis).—Perronc. & Tomiolo, 1901. 66. 68. 69. 72.—Rabieaux, 1900a. 19.—Rail. & Lucet, 1892d. 119-120 (12-13) (in Anser dom., Cerionis satyra, Phasianus veneratus).—Repp., 1903d. 288 (in chicken).—Shipley, 1908d. 11 (s. ves.) (in grouse, poultry, pheasants; Frimley); 1911. 217-218.—Smith, A. J., 1908a. 266 (in Chrysolophus pictus; Phila. Zool. Gard.).—Sons., 1890k. 137 (4) (so. ves.) (not papillosa Mol. in Corvus cajanus).—Steele, 1916. Bull. 51. 1233-1234, 2 figs.—Stoss., 1887i (1888a). 291-292. 297. 299. 300 (15-16. 21. 23. 24) fig. 24 (in Corvus cajanus); 1898c. 77 (in galline; Trieste, Istria, Goriziano); 1900b (1901a). 90 (2) (in M. g., N. m.; Trieste).—Vauil., 1901a. 136.—Wehrmann, 1909a. 234. 237 (in A. b., G. d.).—Also reported for Coturnix communis.
- paradoxa* Linst., 1906. v. 41 (7). 750. fig. 2 (in intestine of Didelphys dorsigera; Ing.).—Rail. & Henry, 1914. 676 (in D. d.).
- parisi* Blanc, 1913. CrSB. 1272-1274 (in nandou; Dijon); 1914. v. 39 (2). 78-82, figs. 1-4.
- paronai* (Stoss., 1902) Rail. & Henry, 1914. ICZ. 677 to (Strongyluris) (in Amphibolurus muricatus).
- perarmata* Ratzel, 1868b. 150-152 (in Tarsius spectrum).—Seur., 1913. 127.—Stoss., 1888. 289.
- perspicillum* (Rud., 1803) Rail., 1893a. 406 (s. inflexa. Asc. gallopavonis. gibbosa. funiculus. inflexa. Fus. reflexa. strumosa).—Fiebiger, 1912a. 300. fig. 221.—Galli-Val., 1901c. 363 (in poule).—Geddelst., 1903a. 58. 103. 104 (in Gallus gallinaceus. Meleagris gallopavo dom., Numida meleagris dom.); 1911a. 132 (in chicken, guinea fowl, turkey).—Hass., 1896a. 5-6 (s. inf., Asc. fun., gallop., gib., inf., perspicillum. Fus. ref., st.) (in Gallus dom.); 1896b. 2 (s. inf., Asc. f., g., gib., i., p., teres, F. r., s.) (in M. g.).—Hut. & Mar., 1906a. 399; 1910b. 500; 1913b. 500. 501.—JAMA. 1909. v. 52 (18). 1440 (in eggs).—Kasperek, 1902a. 245-247 (Taubenepizootie); 1903a. 233.—Kowal., 1902d. 30 (12) (s. inf.); 1904. v. 38. 25 (10) (in G. d.; Dublany).—Mote, 1914. 30.—Nev.-Lem., 1912a. 673.—Nicoll, 1914. 5 (in chickens; Queensland).—Norgaard, 1915. 191.—Rail. & Lucet, 1892d. 117-119.—Scott, 1913. v. 38. 672-673 (in Helodrilus parvus).—Smith, A. J., 1908a. 266 (in G. gallin.; Tex.).—Stoss., 1898c. 76 (s. inf., Asc. inf., gibbosa) (in galline & anitre; Trieste, Istria e Goriziano).—Ward, 1897b. 184-185. figs. 7-8 (in chicken; Neb.).—Wolfh., 1912. 77-78.
- poculum* Linst., 1909. v. 50 (4). 449. fig. 2 (in Francolinus adspersus; German S. W. Africa).—Seur., 1914. 197 (in F. a.; A.).
- praeincta* (Duj., 1845) Stoss., 1887i (1888a). 289. 290. 295. 299. 300 (13-14. 19. 23. 24) fig. 26 (in Conger vulg.); 1898c. 77-78 (in C. v.; Trieste).
- psophia* Trav., 1913. 278. 285. pl. 28 figs. 11-12 (in Psophia viridis; Brazil); 1917. IJMR. 756.
- pusilla* Linst., 1906. v. 3 (11). 167. pl. 1 fig. 9 (in Gallus lafayetti; Mamadu. N. Prov.).—Geddelst., 1911a. 133 (in chicken).—Lane, 1914. 660.
- putaustrials* Lane, 1914. 656. 658. 659. 660. pl. 75 figs. 4-7 (in domestic fowl; Berhampore, Bengal).
- recurvata* Linst., 1901b. 412-413. fig. 7 (in Eurytomus afer; Langenburg. Nyassa See. Africa).—Seur., 1914. 201 (in E. a.).
- retusa* (Rud., 1819a) Schneid., 1866a. 73. 78 (in Dasypus novemcinctus; Brazil).—Stoss., 1887i (1888a). 288. 298. 299. 300 (12. 22. 23. 24) fig. 22 (in D. n.; B.).—Trav., 1913. 276. 279. 286. pl. 27 fig. 8 (in D. n.).
- rima* Linst., 1906. 252-253. pl. 17 fig. 8 (in Otis haubara; Zool. Mus. Königsb.).—Seur., 1914. 202.
- rimula* Linst., 1903k. 110. fig. 5 (in Centropus sinensis; Siam).—Shipley, 1903l. 153 (in C. s.).
- rotundata* (Mol., 1859) Stoss., 1887i (1888a). 293. 295. 299 (17. 19. 23) (in Cantharus vulg.).

HETERAKIS—Continued.

- schebeni* Linst., 1909, C'fB, v. 50 (4), 448–449, fig. 1 (in *Cynictis penicillata*; German S. W. Africa).
- serrata* Schneid., 1866a, 67, 72, pl. 3 fig. 16 (in *Penelope humeralis*; Brazil).—Stoss., 1887f (1888a), 282.—Trav., 1913, 278, 283, pl. 27 fig. 6 (in P. h.).
- similis* Gendre, 1909, lxxxii–lxxxiii (10–11), figs. 1–2 (in *Coracias abyssinicus*, *Eurystomus afer*, *Scops leucotis*; Labé); 1911, 73 (in *Centropus monachus*, E. a., S. l.; Dahomey).
- sonsinoi* Linst., 1894g, 733–735, figs. 1–3 (in intest. *Chamæleo vulg.*; Gabes and Gefsa, N. Africa); 1894h, 452.—Rail. & Henry, 1914, 676 (in C. v.).
- species* Linst., 1903u (1904a), 268 (4) (in *Caesarea rutila*; China).
- species* Lint., 1905d, 325, 329 (for Asc. sp. Lint., (1899), 1901, 481, figs. 57–61 and *Cucullanus* sp. Lint., (1899), 1901, 441, pl. 17 figs. 207–208).
- species* Lint., 1905d, 330, 392 (in *Leiostomus xanthurus*; Beaufort, N. C.); 330, 414 (in *Lophopsetta maculata*; B.). 330 (in *Paralichthys albiguttus*; B.); 330, 390, figs. 24–25 (in *Sciænops ocellatus*; B.).
- species* Lint., 1907, v. 33, 95–96, figs. 11–14, 15–20 (in *Hæmulon carbonarium*, *Neomænis griseus*; Bermuda).
- species* Par., 1900c, 195 (host not known).
- species* Sons., 1896g (h), 32–33 (1–2) (in *Salamandrina perspicillata*).
- sphærocephala* (Rud., 1809) Schneid., 1866a, 66.—Stoss., 1887f (1888a), 292, 294, 299 (16, 18, 23) (in *Accipenser stellatus*, A. sturio).
- spinicauda* (Olfers, 1819) Rail. & Henry, 1914, IZC, 676 (in *Podicnema teguixin*).
- spumosa* Schneid., 1866a, 77, 1 fig. (in *Mus decmanus*; Berl.).—Hall, 1916a, 45–49, 59, figs. 50–54 (in *Cricetomys gambianus*, *Epimys rattus*, E. norvegicus; cosmopolitan).—Lane, 1914, 662 (in M. d.; Berl.); 1917, IJMR, 1756.—Rail. & Henry, 1914, 676 (in M. d.).—Saunders, 1914, v. 14, 132, 138.—Stoss., 1887f (1888a), 286, 298, 299, 300 (10, 22, 23, 24), fig. 19 (in M. d.; B.); 1890b (c), 45–46 (7–8), pl. 15 fig. 64 (in M. d.); 1891d (e), 110 (2) (in M. d.); 1898c, 77 (in M. d.; Trieste).—Trav., 1913, 279, 282, pl. 27 fig. 4 (in M. d.).
- squali* (Duj., 1845) Stoss., 1887f (1888a), 293, 294, 299 (17, 18, 23) (in *Galeus canis*).
- streptosophaea* (Connal, 1912), Rail. & Henry, 1914, 677, to (*Strongyluris*) (in *Agama colonorum*).
- stroma* Linst., 1899b, 11, pl. 2 fig. 19 (in *Grus paradisea*; Mus. Berl.).
- strongylura* Gendre, 1909, lxxv (for *strongyluris*); 1911, 69 (in *Agama colonorum*; Dahomey).
- strongyluris* Gendre, 1909, ASL, Bordeaux, v. 63, lxxv (in *Agama colonorum*) (s. *Strongyluris brevicaudata*, H. ornata of Gendre, 1909).
- stylosa* Linst., 1907, v. 3 (3), 253, pl. 6 fig. 6 (in *Otis tarda*; Nauen i. Mark).—Rail. & Henry, 1914, 676 (in O. t.).
- styphlocerca* Stoss., 1904b, 2 fig. 11 (in volatile dom.; Gambia, by Shipley).
- subulata* Schneid., 1866a, 69 (no further clue).
- suctoria* Mol., 1860e, 341 (s. *Spiropt. caprimulgi*) (in *Caprimulgus campestris*; Manaos, Brazil).—Dies., 1860, 643.—Drasche, 1883, 119.—Gendre, 1909, 81–82 (in C. C., *Dicholophus marcgrafi*, *Gallus dom.*, *Numida meleagris*); 1911, 73 (in *Francolinus bicalcaratus*; Dahomey).—Seur., 1914, 154; 1914, 196 (pars so. *Allodapa allodapa*), 197 (pars to *Allodapa*).—Stoss., 1888, 292.
- tenuicauda* Linst., 1883a, 293, pl. 7 fig. 26, pl. 8 fig. 27 (in *Perdix græca*; Turkestan); 1886, 17.—Stoss., 1888a, 283.
- tenuicaudata* Rail. & Henry, 1914, 676 (for *tenuicauda* Linst., 1883) (in *Perdix græca*).
- trilabium* Linst., 1904f, 7, pl. 1 fig. 9 (in *Centropus sinensis*; Horana).—Lane, 1914, 664 (in C. s.; Ceylon).
- truncata* (Zed., 1803) Schneid., 1866a, 67, 71, pl. 3 fig. 13 (in *Psittacus macao*; Brazil).—Stoss., 1887f (1888a), 281, 297, 300, 301 (5, 21, 24, 25), figs. 4, 38 (in *Chrysotis festiva*, *Conurus pavua*, C. solstitialis, *Pionus menstruus*, *Psittacus æstivus*, P. aracanga, P. ararauna, P. dominicensis, P. m., P. pulverulentus, P. pertinax, P. phœnicurus, P. purpureus, P. leucoc., P. leucotis, P. sulfureus, P. vinaceus; B.).
- turgida* Schneid., 1866a, 69, 77 (in *Ameiva teguixin*; Brazil).—Stoss., 1887f (1888a), 286–287, 300 (10–11, 24), fig. 20 (in A. t.; B.).—Trav., 1913, 279, 288, pl. 28 fig. 14 (in *Tejus teguixin*).—Also reported for *T. monitor*.

HETERAKIS—Continued.

- uncinata* (Rud., 1819) Schneid., 1866a, 73 (in *Cavia aperea*. C. pacca: Brazil).—Hall, 1916a, 49, 50, 53 (of Travassos, 1914, to *Paraspidodera*).—Par., 1900c, 195 (in C. a.; Buenos Aires).—Stoss., 1887f (1888a), 286, 298, 300 (10, 22, 24) (in C. a.; B.).—Trav., 1913, 276, 279, 286, 287 (in *Agouti paca*, C. a.); 1914, v. 6 (2), 139 (type of *Paraspidodera*).—Also reported for *Cœlogenys paca*.
- valdemacronata* (Mol., 1860) Stoss., 1887f (1888a), 293, 295, 300 (17, 19, 24) (in *Ciconia maguari*).—Trav., 1913, 276, 279, 287 (in *Euxenura maguari*).
- valvata* Schneid., 1866a, 76, 1 fig. (in *Crypturus cupreus*: Brazil).—Lane, 1917, IJMR, 758.—N., C., & T., 1914, 181.—Rail. & Henry, 1914, 676 (in C. c.).—Stoss., 1887f (1888a), 285, 296, 300 (9, 20, 24), fig. 15 (in C. c.; B.).—Trav., 1913, 279, 282, 283, pl. 27 fig. 5 (in C. c., *C. noctivagus*).
- verrucosa* Mol., 1860e, 340–341 (in *Dasyprocta aguti*; Caiçara).—Hall, 1916a, 105–106, fig. 133 (in *Dasyprocta aguti*; Brazil).—Linst., 1878a, 26 (in D. a.).
- vesicularis* (Froel., 1791), Duj., 1845a, 223–225 (s. *Asc. papillosa*, *teres* (minor), *vesicularis* pars) (in *Anas tadorna*, *Meleagris gallopavo*, *Numida meleagris*, *Otis tarda*, *O. tetrax*, *Phasianus gallus*, *P. colchicus*, *P. nycthemerus*, *P. pictus*, *Perdix cinerea*, *P. coturnix*, *P. græca* ou *saxatilis*, *Pavo cristatus*, *Tetrao bonasia*, *T. urogallus*; Europe).—Bail., 1866b, 36 (in *dindon*, *falsan*, *paon*, *poules*, *poulets*).—Baylis, 1916, 418 (s. *Asc. unduloso-striata*) (in *Sarcorhamphus papa*).—Ben., 1866a, 211.—Carus, 1863, v. 2, 461 (in *Auerhahn*, *Truthahn*, *Haushahn*).—Dies, 1851a, 148; 1860, 643; 1861c, 274.—Eberth, 1860d, 41–60; 1863a, 63, 65, 67, 68.—Fiebiger, 1912a, 300.—Garin, 1913, 13, 18, 51–61, 148, figs. 11–16.—Geddoelst, 1911a, 133 (in domestic chicken, duck, fowl, goose, guinea, peacock, pheasant, turkey, etc.).—Hall, 1916a, 45, 48.—Hass., 1896a, 5, 6 (s. *papillosa*); 1896b, 2 (s. p.).—Hut. & Mar., 1906a, 399; 1910b, 500; 1913b, 500, 501.—Johnst., 1912, v. 12, 107 (in *Chenopsis atrata*; Berl. Zoo.).—Khitrow, 1900a, 4 (cf. p.).—Kowal., 1894a (b), 225; 1902d (e), 30 (12) (s. p.).—Land., 1882, 23.—Lane, 1914, 656–657, 660; 1917, IJMR, 754, 755, pl. 43 figs. 1–4, pl. 44 figs. 5–14, pl. 45 figs. 15–16.—Letulle & Marotel, 1909, v. 12 (3), 361–368, figs. 1–2; 1910, v. 46 (16), 499.—Leuck., 1867b, 24, 130.—Linst., 1883a, 292 (in *A. boschas dom.*, *Gallus dom.*); 1886c, 16–17 (in A. b. d., G. d.); 1897c, 618, pl. 28 fig. 28 (in *Fasan* and *Huhn*); 1900g, 6, 7; 1906, v. 1 (3), 252; 1909 (15), 56, fig. 17 (in A. b., *Anser anser*, *Tadorna tadorna*).—Magal., 1892g, 220, 221 (in *Gallus*).—Mol., 1859e, 150, 298 (in *Perdix cot.*; Padua); 1859h, 24 (in M. g., *Phas. col.*; P.); 1861c, 290–291, 292, pl. 10 fig. 1 (s. *Asc. p.*, *gallinarum*, *tetraonis*, *teres* (minor *phasiani-galli et-picti*), *urogalli*, *vesicularis* (*phasiani-colchici*), *Fus. tetraonis*, *papillosa*) (in *Anas tadorna*, M. g., N. m., O. t., O. tet., *Pavo cristatus*, *Perdix cin.*, *P. cot.*, *P. sax.*, *Phas. col.*, *P. gallus*, *P. nyct.*, *P. pic.*, *Tetrao bonasia*, *T. lagopus*, T. ur.).—Nev.-Lem., 1912a, 674.—Par., 1887b, 346–347 (74–75).—Pratt, 1916a, 225.—Rail., 1893a, 407 (so. *papillosa*); 1915, 499.—Schneidem., 1896a, 323 (*vesikularis*) (in *Huhn*, *Ente*).—Schneid., 1866a, 69, 70, 76, 197, 227, pl. 4 fig. 2.—Shipley, 1908d, 11 (so. p.).—Skrj., 1916, 488–491 (in *G. gallus dom.*; *Aoulié-ata*, *Syr-Daria*).—Sons., 1890k, 136–137 (3–4) (s. p.) (in G. d.; Pisa).—Stewart, 1914, 172.—Stiles & Hass., 1894e, 342 (in *Cupidonia cupido*, G. d., M. g., *Ortyx virginianus*).—Stoss., 1885b, 346–347 (74–75) (s. *Asc. tetraonis*, *p. teres*, *gallinarum*, *urogalli*, *Fus. tetraonis*, *papillosa*) (in *Anas tad.*, *Chen. at.*, M. g., N. m., O. t., O. tet., *Phas. gal.*, *P. col.*, *P. pic.*, *P. nyc.*, *Pavo cr.*, *Per. cin.*, *P. cot.*, *P. sax.*, *Tetrao lagopus*, *T. bonasia*, T. ur.; *Ancona Bologna*); 1887d (e), 187 (4), pl. 12 figs. 50–51 (in *Gallus*; Trieste); 1887f (1888a), 284–285, 295, 296, 300 (8–9, 19, 20, 24), fig. 14 (s. p.) (in A. b. d., A. tad., Ch. at., *Coturnix dactylisonans*, G. d., *Lagopus mutus*, *Mel. gal.*, N. m., O. t., O. tet., *Ortyx virginianus*, *Phas. col.*, *P. pic.*, *P. nyc.*, *Pavo cris.*, *Per. cin.*, *P. sax.*, *Tet. u.*, *T. bon.*, T. lag.; Europe, Fla., *Turkestan*); 1891a, 217 (2) (in M. g., N. m.).—Trav., 1913, 274, 275–276, 278, 279–280, pl. 27 fig. 1 (in A. b. dom., A. tadorna, *Chenopsis atrata*, *Coturnix dacty.*, *Gallus dom.*, L. mutus, *Mel. gal.*, *Numida meleagris*, *Otis tarda*, O. tet., *Ortyx virg.*, *Pavo cristatus*, *Perdix cin.*, *P. sax.*, *Phasianus col.*, *P. ny.*, *P. pi.*, *Tetrao urogallus*, *T. bon.*).—Verrill, 1870c, 180 (in hen and turkey).—Wedl., 1856a, 36 (to *Asc.*).—Will.-Suhm, 1870a, 15.—Wolffh., 1900a, 10, 46, 47, 48, 49, 53, 58, 59 (in A. b. d., G. d., *Grossiptodon manschuricus*, *Pavo c.*, *Perd. sax.*, *Ph. col.*, *P. pi.*, *Polyplectron bicalcaratum*, *St. cin.*, *Tet. u.*; Europe); 1911, 78.—Also reported for *Colinus virginianus*.
- vesikularis* Schneidem., 1896a, 323 (for *vesicularis*) (in *Ente*, *Huhn*).

HETERAPIS Linst., 1889g, 563 (misprint for Heterakis).

HETERIKIS Linst., 1907, v. 33, 93 (for Heterakis).

HETEROBOLBUS Rail., 1896d (e), 161 (5) (Heterodera Schmidt, 1871, renamed because of Heteroderes Latr., 1834, hence type *schachtii*).—Stiles & Hass., 1905b, 111.

radicicola (Greef, 1872) Julien, 1898a, 86 to Heterodera (Heterobolbus).

HETEROCEPHALUS Mar., 1870a, 18–19 (mt. *laticollis*) [not Heterocephalus Rüppel, 1842, mammal].—Stiles & Hass., 1905b, 111.—Villot, 1875a, 456, 461 (so. *Phanoderma*).

laticollis Mar., 1870a, 18–19, pl. D (Pharo, Mallamousque).—Villot, 1875a, 462, 465.

HETEROCHEILIDÆ Rail. & Henry, 1915, BSPe, 271 (s. *Heterocheilinae*) (contains also *Goezia*, *Kathleena*, *Rhaphidasc.*, *Terranova*).—Rail., 1916, RMv, 521.

HETEROCHEILINÆ Rail. & Henry, 1912, BSPe, 256 (subf. of *Ascaridæ*; contains: *Heterocheilus*, *Typhlophoros*, *Porrocæcum*, *Contracæcum*, *Crossophorus*, *Lecanoc.*); 1915, 270.

HETEROCHEILUS Dies., 1839a, 229–232 (mt. *tunicatus*=*Lobocephalus heterolobus* 1838 renamed) [not *Heterocheila* Rond., 1857, dipt.; not *Heterocheila* for *Heterochella* Lioy, 1864, dipt.; not *Heterochelus* Burm., 1844, coleopt.; not *Heterochilus* for *Heterocheila*; not *Heterochilus*]: 1840, 229–230.—Carus, 1863, v. 2, 461.—Crep., 1841a, 82.—Duj., 1845a, 288–289.—Mol., 1857a, 151; 1861c, 296.—Nordm., 1840a, 550, 648.—Olss., 1869b, 487.—Stiles & Hass., 1899a, 107 (possibly so. *Asc.*); 1905b, 111.

tunicatus Dies., 1839a, 230–232, pl. 15, figs. 1–8, pl. 19 (*Lobocephalus heterolobus* renamed) (in *Manatus exunguis*: Borba); 1840, 230–232, pl. 15 figs. 1–8, pl. 19: 1851a, 209 (in M. e.; Brazil).—Carus, 1863, v. 2, 461 (in M.).—Cobbold, 1879b, 429.—Crep., 1841a, 82 (in M. e.).—Duj., 1845a, 289.—Nordm., 1840a, 648 (in M. e.: S. A.).—Stiles & Hass., 1899a, 107 (in M. *inunguis*).

HETEROCHILUS Crep., 1841a, 82 (for *Heterocheilus*) [not *Heterochilus* Kuwert, 1891, insect].

tunicatus (Dies., 1839) Crep., 1841a, 82 (in *Manatus exunguis*).

HETERODERA Schmidt, 1871a, 1 (mt. *schachtii*) [not *Heteroderes* Latr., 1834, coleopt.] (renamed *Heterobolbus*).—A., D., & E., 1901b, 8.—Bos, 1891, 9, 10.—Braun, 1895b, 212: 1903a, 253.—Hempelm., 1912a, 101, 110.—Kirk, 1908 (16), in 97–162.—Larbalétrier, 1898a, 310–312, figs. 1–6.—Magnus, 1888, 170.—Melcher, 1915, Ohio N. v. 15, 551–555, 4 figs.—Muell., 1884a, 1–42, pls. 1–4.—Nev.-Lem., 1913a, 283.—Pierre, 1897a, 97–107, pls. 2–3, figs. 1–4.—Pratt, 1916a, 217.—Rail., 1896d (e), 161 (renamed *Heterobolbus*).—Schneidemann., 1896a, 304.—Shipley, 1896a, 155; 1901b, 155, 160, 164.—Southern, 1909, v. 4, 91.—Stiles & Hass., 1905b, 112.—Stoedter, 1901a, 55.—Stone & Smith, 1898, Bull. 55, in 1–67, pls. 1–12.—Tarnani, 1896, 445–448 (Russia).—Tischler, 1902a, 95–107 (on *Circea lutetina*); 1902b, 514–515.

göttingiana Liebscher [nv.].—Nev.-Lem., 1913a, 284, 311–312 (on plants; Goett.).

javanica Treub., 1885, Meded. uit 's lands plantentuin, 13.—Bos, 1889, 265, 291.

radicicola (Greef, 1872) Muell., 1884a, 321–323 (2, 5, 7–42), pls. 1–4 (on roots of various plants, namely: *Angelica archangelica* (Englewurzarten), *A. silvestris* (E.-w.), *Cichorium intybus* (Cichorienpflanze), *Cissus aconitifolius*, *Clematis* species, *C. vitalba* (Waldrebe), *Coffea arabica* (Kaffeebaum), *Daucus carota* (Möhre), *Dodartia orientalis*, *Elymus arenarius* (Straddhafer), *Erythrina cristagalli*, *Euphorbia cyparissias* (Wolfsmilch), *Hamiltonia spectabilis*, *Heliconia pulverulenta*, *Ixora crocea*, *I. aurea*, *I. flammea*, *Lactuca sativa* (Kopfsalat), *Leontodon taraxacum* (Löwenzahn), *Medicago sativa* (Luzerne), *Musa cavendishii*, *M. dacca*, *M. rosacea*, *Onobrychis sativa* (Esparssette), *Pirus communis* (Birnbäum), *Plantago lanceolata* (Wegebreit), *Poa annua* (Rispengras), *Sempervivum glaucum* (Hauslaucharten), *S. tectorum*, *Sedum* species, *Sonchus macrophyllus*, *Soya hispida* (Soyabohne), *Strelitzia nicolai*, *Theophrasta crassipes* (?), *Triticum repens* (Queckengras), *Vitis labrusca* (amerikan. Wein).—Bd. Agric. & Fish., Lond., 1911, 9 ed., 1–3, figs. A–B.—Bessey, 1911, 1–89, figs. 1–3, pls. 1–3.—Bessey & Byars, 1915, 1–19, figs. 1–20.—Bos, 1888, 49; 1888, 165; 1889, 291; 1891, 6, 16, 43; 1892a, 560, 587; 1907, 2, 5.—Haan, 1904, v. 15, 367–386 (Java).—Chiffot, 1900a, 128–134, pl. 1.—Childs, 1913, v. 2 (12), 737–756, figs. 390–397.—Dewitz, 1892b, 141, fig. 111.—Dyke, 1896, J. Hort., v. 33, 423–424, figs. 1–8; 1897, v. 16,

HETERODERA—Continued.

radicicola—continued.

3. s., v. 7 (33), 45–56.—von Faber, 1909, CfB, 193–219, figs. 13–40 (in coffee plant).—Frank, 1884, 6–8.—Gandara, 1906, 1–7, figs. 1–2, pls. 1–4, figs. 3–6.—Gilbert, 1914a, 8, figs. 10–11.—del Guercio, 1915, 236–245, figs. 1–3.—Hawkins, 1911, v. 34, 127.—Howard, 1907, 447–453, figs. 1–7.—Howard, 1908, v. 6 (24), 611–612.—Jack, 1913, v. 10 (5), 676–679, 1 pl.—Julien, 1897e, 540, 543, 546; 1898, 86 (to *Heterobolbus*).—Korff, 1910, v. 8 (6), 61–67, figs. 1–3.—Laidlaw, 1914, JDA Victoria, 370–377, figs. 1–3.—Lounsbury, 1904n, 406–412, figs. 1–4.—Melchers, 1914, v. 40, 241; 1915, v. 15 (8), 551–555, figs. 1–4.—Mosseri, 1903a, 5–35, pls. 1–3, figs. 1–4 (Egypt).—Mirande, 1909, v. 67 (32), 519–521.—Nemec, 1912, CfB, v. 32 (6–12), 311–312.—Nev.-Lem., 1913a, 284, 305–311, figs. 257–260.—Newcomer, 1912, v. 1, 81–85.—Peglion, 1902a, 201–204 (on *Cyclem europaeum*, *C. persicum* (Rome)).—Pratt, 1916a, 217.—Scofield, 1912, 3–15, figs. 1–21.—Stødter, 1901a, 43.—Tischler, 1902 (1), 95–107, 1 fig., pl. 25 figs. 1–14 (on *Circæa lutetiana*).—Tryon, 1909, v. 22 (2), 100–102 (*radicola*).—Voigt, 1890b, 66–74; 1890c, 93–98; 1891b, 21–22; 1891c, 207–208.—Vuillemin & Segrain, 1894a, 549–551 (Sahara).—Wager, 1913, v. 10 (3), 51–53, figs. 1–4, pl. 3.—Ward, 1895a, 321–323 (s. *Anguillula arenaria* pars).

radicola (Müll., 1884a) Peglion, 1902a, 201 (error in Concilium card. for *radicola*).—Tryon, 1909a, 100–102.

schachtii Pratt, 1916a, 217 (for *schachtii*).

schachtii Schmidt, 1871a, 1–19, pl. 1 figs. 1–25 (in sugar beets: Germany).—Berliner & Busch, 1914, v. 34 (6), 349–356, pl. 1 figs. 1–6.—Bos, 1889, 274, 293; 1907, 1, 5; 1908, 70, 71.—Chatin, 1878e, 130–132 (in betterave, etc.).—1887f, 390–391; 1887g, 959–960; 1888f, 139–141 (structure of integument and modifications in fertilized females); 1888g, 738 (integument); 1890a, 17–18; 1891a, 457–506, pls. 1–9 figs. 1–37; 1891b, 1–52, pls. 1–9 figs. 1–37; 1891c, 1516–1518; 1891d, 598–599; 1891e, 1066–1067; 1891f, 51–52; 1892a, 135.—Ebert, 1894a, 18–21.—Dewitz, 1892d, 140, 141, fig. 110.—Fiebiger, 1912a, 225.—Fuchs, 1911, v. 14 (7), 923–952; 1912, CfB, 312–313.—Fulmek, 1912, v. 32 (6–12), 314.—Garman, 1915, v. 8 (4), 403–404.—Hansen, 1904, v. 11, 289–299; 300–302.—Hempel, 1912a, 108, 110.—Huber, 1909, 6 (in various plants).—Kuhn, 1891, v. 11 (11), 343–351.—Liebscher, 1878a, 687–690; 1879a, 1–41.—Lindner, 1890a, 26.—Lonay, 1900, v. 37, 967–968 (eradication); 1900, v. 14 (7), 317–319.—Menz., 1914, 86.—Müll., 1884a, 38–40 (on various plants, namely: *Beta vulg.* (Runkelrube), *Brassica oleracea acephala* (Kuhkohl), *B. o. botrytis* (Blumenkohl), *B. o. capitata* (Strunk Kraut, Kopfkohl), *B. o. gongyloides* (Kohlrabi), *B. o. gemmifera* (Rosenkohl), *B. o. sabauda* (Wirsing), *B. napus oleifera* (Winterraps, Sommerraps), *B. n. rapifera* (Kohlrabe), *B. rapa oleifera* (Rübsen), *Helianthus annuus* (Sonnenblume), *Lepidium sativum* (? Gartenkresse), *Raphanus sativus* (Rettig), *Sinapis alba* (Weisser Senf, *Sinapis arvensis* (Ackersenf), *Spinacea oleracea* (Spinat)).—Müll. & Molz, 1914, v. 707, 959–1050, figs. 1–3.—Nemec, 1911, v. 40 (3), 422–424, pl. 2, figs. 1–3.—Nev.-Lem., 1913a, 284, 297–305, figs. 251–256.—Pratt, 1916a, 217 (*schachtii*).—Rostrup, 1896, v. 2, 52; 1900, v. 6, 50; 1902, v. 9, 128; 1903, v. 10, 371.—Schwartz, 1911, 35.—Shaw, 1915, v. 17, 31–35, pls. 1–6; 56–60; fig. 1, 58–61; 58–63, figs. 2–3, pls. 8–10; 58–61, 62, pl. 7; 55–58, 51–53, 54–55; 1916, 1–19, figs. 1–6.—Shipley, 1896a (1901b), 155, 160, 164, figs. 77–78 (in plants).—Southern, 1909a, 91 (in beet).—Spiegler, 1893a, 1–27, figs. 1–7 (eradication); 1895, 1–52.—Stift, 1895, v. 1 (11), 398–406; 1909, CfP, v. 23, 173–192; 1915, CfB, v. 44, in 129–142.—Strubell, 1887a, 42–46, 62–66; 1887b, 603–604; 1887c, 401–402; 1888a, 1–50, figs. 1–57; 1888b, 1–46; 1888c, 737–738; 1889a, 423–429.—Uzel, 1909, v. 13, 32–42.—Voigt, 1892b, 813–815; 1894a, 94–97; 1895a, 633.—Willot, 1888a, 507–509; 1888b, 953; 1896a, 1019–1020; 1901a, 703.

HETEROPLUS Kostylew, 1914, ZA, v. 44 (4), 186–188 (ed. otidis=*Echinor. taniatus*) (*Gigantorhynchidae*) [not *Heteroplus* Muls. Rey., 1871, coleopt.]; 1916, 393–394, fig. 8.

mirabilis (Marval, 1904) Kostylew, 1914, 188.

otidis (Marval, 1905) Kostylew, 1914, 188; 1916, 394 (in *Oedienemus crepitans*, *Otis macqueenii*; Oural).

HETEROURA Sieb., 1836a, 116 (*Hedruris* Nitzsch renamed, hence type *androphora*).—Stiles & Hass., 1905b, 150.

androphora (Nitzsch, 1821) Sieb., 1836a, 116.—Ben., 1858a (1861a), 201.—Cobbold, 1879b, 444.

- HETEROXYNEMA** Hall, 1916a, 52 (Subulurinae), 56, 57 (tod. cucullatum); 1916b, 518.
- cucullatus* Hall, 1916a, 56, 57-60, figs. 64-69 (in *Eutamias amoenus operarius*; Colo.).
- HETH** Cobb, 1898a, 299 (4) (mt. juli).—Rail. & Henry, 1916, CrSB, 115.—Stiles & Hass., 1905b, 112.
- juli* Cobb, 1898a (b), 299 (4), figs. 10, i-iv (Ing.).—Rail. & Henry, 1916, 115.
- HISTIOCEPHALUS** Mol., 1860, 913 (misprint for *Histioc.*).—Stiles & Hass., 1905b, 112.
- HISTIOCEPHALUS** Dies., 1851a, 230-232 (tsd. *laticaudatus*) [not *Histioccephalus* De Zigno, 1891, fish].—Carus, 1863, 462.—Goldb., 1855a, 111.—Linst., 1902a, 220 (s. *Proleptus*).—Mol., 1857a 151; 1860c, 507-516.—Olss., 1869b, 487.—Par., 1894a, 522.—Poche, 1912, AN, 15, 22.—Scudd., 1884a, 164.—Skrj., 1916, 509 (type *laticaudatus*).—Stiles, 1907b, 37 (type ? *laticaudatus*).—Stiles & Hass., 1905b, 112.
- bicuspis* (Rud., 1819) Linst., 1878a, 135 (s. *gracilis* Dies.) (in *Vanellus melanogaster*).
- brevicaudatus* (Duj., 1845) Dies., 1851a, 231-232 (s. *Str. ardeæ-stellaris* C. E. V.) (in *Ardea stellaris*; M. C. V.).—Skrj., 1916, 511.—Stiles & Hass., 1905b, 112.
- coronatus* (Mol., 1860) Skrj., 1916, 511, 512 (in *Rallus cayennensis*, *Alcedo americana*).
- dacnodes* (Crep., 1851) Mol., 1860c, 512-513 (in *Mustelus vulg.*, *Raja clavata*; Ostend.).—Linst., 1890d, 181 (to *Spiropterina*).—Oerley, 1885a, 109 (to *Spir.*).—Skrj., 1916, 511.
- decorus* (Duj., 1845) Dies., 1851a, 232 (in *Alcedo ispida*; Rennes).—Skrj., 1916, 511 (in A. i.).—Stiles & Hass., 1905b, 112.
- denudatus* (Duj., 1845) Dies., 1851a, 232 (in *Leuciscus erythrophthalmus*; Rennes).—Linst., 1902a, 222 (to *Ancyracanthus*).—Skrj., 1916, 511.—Stiles & Hass., 1905b, 112.
- gracilis* Dies., 1851a, 231 (s. *Disph. bicuspis*, *Spiropt. bicuspis*) (in *Vanellus melanogaster*; M. C. V.).—Skrj., 1916, 511.—Stiles & Hass., 1905b, 112.
- laciniatus* Mol., 1860c, 513 (s. *Spiropt. ralli* M. C. V.) (in *Rallus cayennensis*; Paranagua, Brazil).—Skrj., 1916, 511 (in R. c.).
- laticaudatus* (Rud., 1819) Dies., 1851a, 230 (in *Otis tetrax*; M. C. V.).—Mol., 1860c, 511 (in O. t.; M. C. V.).—Skrj., 1916, 462, 509-513, figs. 25-27 (in *Gallus gallus dom.*; Aoulié-Ata, Syr-Daria).—Stiles & Hass., 1905b, 112.
- minutus* (Rud., 1819) Dies., 1851a, 230 (in *Platessa flesus*; M. C. V.).—Krøy., 1838-40a, 611 (in P. f.).—Mol., 1860c, 511-512.—Skrj., 1916, 611 (in P. f.).
- spiralis* Dies., 1851a, 231 (s. *Spiropt. obvelata* Crep.) (in *Alca torda*, *Larus maximus*, *L. argentatoides*, *L. argentatus*, *L. medius*, *L. canus*, *L. fuscus*, *L. marinus*, *L. ridibundus*, *Mergus serrator*, *Sterna risoria*, *Totanus maculatus*, *T. hypoleucus*); 1861a, 673 (so. *Cosmoc. alatus*; Europe).—Olss., 1876a, 147.—Skrj., 1916, 511.—Stiles & Hass., 1905b, 112.
- stellæ-pollaris* Par., 1901g, 1-2 (in *Fulmarus glacialis*; by Par.); 1901h, 828.
- subulatus* Mol., 1860c, 513-514 (s. *Spiropt. turgida didelphidis-cayopollin*; M. C. V.) (in *Didelphys myosurus*; Ypanema).—Cobbold, 1879b, 434.—Skrj., 1916, 511 (in D. m.).—Also reported for *D. nudicaudatus*.
- HISTIOSTRONGYLUS** Mol., 1861a (b), 436, 530-534 (12, 106-108) (mt. *coronatus*).—Rail. & Henry, 1909a, 86; 1912, 566.—Stiles & Hass., 1905b, 112.—Trav., 1914, 5.
- coronatus* Mol., 1861a (b), 533-534 (109-110), pl. 6 figs. 1-2 (s. *Str. phyllostomatis*) (in *Phyllost. discolor*; Cuyaba, Caiçara).—Stoss., 1899d, 114 (60) (to *Sclerost.*).
- HÆMONCHUS** Trav., 1914, MIOC, v. 28 (19), 183 (misprint for *Hæmonchus*).
- similis* Trav., 1914, 183 (3-4) (in *Bos taurus*; Brazil).
- HÆRUCÆ** Nordm., 1840, 641 (for *Hæruca* Gmel.).—Stiles & Hass., 1905b, 112.
- Holomyaires** French for *Holomyarii*.
- HOLOMYARIA** Rhode, 1893d, 42-43 (for *Holomyarii*).
- HOLOMYARIA** Schneid., 1866a, 23, 24, 30 (contains: *Anguillula*, *Ichthyonema*, *Gord.*, *Mermis*, *Pseudalius*, *Sphærulearia*, *Trichina*, *Trichosoma*, *Trichoc.*), 51, 199, 326, 331, 332.—Buetsch., 1873a, 402-408, pl. 22.—R. Bl., 1888a, 777.—Rhode, 1892c, 665-667; 1893d, 42-43.—Rollest., 1888a, 677, 686.—Schlegel, 1899, 139.—Shipley, 1896a (1901b), 137.

Hookworms. (See also *Ancylostoma*, *Necator*, *Uncinaria*).

Anatomy: (U. S. A.) Litterer, 1910, JTMA, v. 3 (2), 44-46; 1910, JAMA, v. 55 (16), 1378-1379 (non-oviparous female).

Cultures: (DEUTSCHLAND) Fülleborn, 1911, 368; 1911, Cfb, 573.

Life-history: (GR. BRIT.) Nicoll, 1912, BMJ, v. 1, 499-500.

(DEUTSCHLAND) Fränkel, 1885a, 444.

Proportion of sexes: (DEUTSCHLAND) Leichtenstern, 1885, 501; 1886, 216-217.

Specific differentiation: (U. S. A.) Stitt, 1912, JAMA, v. 59 (19), 1706-1707, figs. 1a-4a.

Statistics: (U. S. A.) Gage & Bass, 1910, 304.

HOPLOCEPHALUS Linst., 1898a, 469-470 (mt. *cinctus*) (renamed *Echinonema* Linst., 1898) [not *Hoplocephalus* and *Oplocephalus* Cuv., 1829, reptile; *Hoplocephali*, see *Cephaloplia* Macq., 1845, dipt.; *Heplacephala* Walk., 1857, dipt.; *Oplocephala* Lap., 1831, coleopt.; *Hoplocephala* (v. *Heplacephala*, *Oplocephala*)]—Cast. & Chalm., 1913a, 217.—Stiles & Hass., 1905b, 112.

cinctus Linst., 1898a, 469-470, pl. 35, figs. 3-11 (in intest. *Perameles obesula*; Australia).—Gemmell & Linst., 1902a, 113.—Par., 1900c, 195.

HOPLOLAIMUS Daday, 1905, Z, v. 18, 62 (mt. *tylenchiformis*).—Menz., 1917, RsZ, 153-162 (s. *Iota*, *Criconema*, *Ogma*).

aquaticus (Micol., 1913) Menz., 1917, 158, 160.

guernei (Certes, 1889) Menz., 1917, 157, 158, 161.

heideri (Stefanski, 1916) Menz., 1917, 158, 161.

morgensis (Hofmæn., 1914) Menz., 1917, 157, 158, 160.

murrayi (Southern, 1914) Menz., 1917, 157, 158, 161.

octangularis (Cobb, 1914) Menz., 1917, 157, 158, 161.

paradorus Daday, 1905, Z, 363, pl. 3 figs. 16-19 (for *tylenchiformis*, lapsus? or correction?).

rusticus (Micol., 1915) Menz., 1917, 157, 158, 160.

squamosus (Cobb, 1913) Menz., 1917, 157, 158, 161.

tylenchiformis Daday, 1905, Z, 62-63, pl. 3 figs. 16-19 (in fresh water; Paraguay).—Menz., 1917, 156, 157, 158, 160.

HORICEPS Fleming, 1822, Phil. of Zool., v. 2, 607 (for *Floriceps*).

Husk, V. J., 1916 (487), v. 72, 35-36 (same as Hoose) (in calves).

HYDROMERMIS Corti, 1902a, 105-113 (mt. *rivicola*); 1906, v. 19 (20), 627, 628, 629, 630.—Daday, 1911, Mte, v. 29, 503; 1913, 244, 269.—Linst., 1903o, 530; 1905z, 393.—Stiles & Hass., 1905b, 113.

acuminata Daday, 1911, v. 29, 503-504, pl. 3 fig. 17, pl. 1 fig. 2; 1911, v. 19, 524-525, pl. 17 figs. 15a-c (Vierwaldstætter-See); 1913, 219, 224, 233, 269-270, pl. 3 fig. 17, pl. 4 figs. 1-2.

annulosa Daday, 1911, v. 29, 504, pl. 4 figs. 3-5; 1911, v. 19, 525-526, pl. 17 figs. 16a-c (Neuenburger-See); 1913, 219, 221-222, 223, 224, 270-271, pl. 4 figs. 3-5.

bathycola Daday, 1911, v. 29, 505, pl. 4 figs. 6-9; 1911, v. 19, 526-527, pl. 17 figs. 17a-d (Vierwaldstætter-See); 1913, 218, 224, 271-272, pl. 4 figs. 6-9.

contorta (Linst., 1889) Linst., 1905z, 393-395 (to *Paramermis*).—Daday, 1911, v. 29, 505-506 (of Kohn); 1913, 239, 242, 272-273 (of Kohn).—(See *implicata*).

conura Daday, 1911, v. 29, 506-507, pl. 4 figs. 10-13; 1911, v. 19, 527-528, pl. 17 figs. 18a-d (Neuenburger-See); 1913, 217, 223, 224, 273-274, pl. 4 figs. 10-13.

implicata Corti, 1906, v. 29, 627-631 (new name for *Paramermis contorta* Linst., of Kohn).—Seur., 1916, 364.

rivicola Corti, 1902a, 105-113 (in *Chironomus venustus*; near Pavia); 1906, v. 19 (20), 629.—Daday, 1911, v. 29, 507-508; 1913, 216, 239, 242, 274-275 (in C. v.; P.).—Seur., 1916, 363 (in C. v.; P.).

HYDROMERMITHINÆ Corti, 1906, v. 19 (20), 631 (contains *Hydromermis*, *Pseudomermis*).

HYPODONTOLAIMUS Man, 1886a, 66 (tsd. *inæqualis*); 1888, 39-44 (type *inæqualis*).—Stiles & Hass., 1905b, 113.

inæqualis (Bast., 1865) Man, 1888a, 39, 41-44, fig. 18, 1907, 67, 70, 87 (Zealand); 1907, 238.—Ditlevsen, 1912, 223-224.—Jægers., 1904b (c), 417-421, figs. 1-3; 1904d, 447-448.—Schneid., 1906d, 626.

- HYPOPHALLI** Mol., 1858d, 144 (sec. of Gamonematoidea, containing Asc., Acanthocheilus, Cosmoc., Cucullanus, Disph., Echinoc., Fil., Het., Hedruris, Oxyuris, Spiropt., Stelmus, Trichosomum); 1861c, 275, 306 (sectio).—Carus, 1863, v. 2, 459 (group, contains: Anguillulidæ, Ascaridea, Cheiracanthidea, Cephalota, Dacnidina, Filaridea, Hedruridea, Physalopteridea, Spiruridea, Urolabea).—Looss, 1901a (1902), 36.—Oerley, 1885a, 103.—Schneid., 1866a, 26.
- HYPOSTOMUM** Stewart, 1898a, 543 (this appears to be a lapsus rather than a new genus).
columbiana (Curtice, 1890) Stewart, 1898a, 543-544 (in sheep).
- HYSTERACRUM** Rail. & Henry, 1913, BSPE, 507 (subg. of Oesophagost.) (contains venulosum, asperum).
- HYSTEROETHYLACIUM** Ward & Magath, 1917 (for 1916), JP, 63 (mt. brachyurum) (Heterocheilidæ).
brachyurum Ward & Magath, 1917 (for 1916), JP, 63, fig. 8 (in black bass; Lake St. Clair, Mich.).
- HYSTRICHIS** Duj., 1845a, 290-291 (mt. tricolor).—A., D., & E., 1901b, 7.—Carus, 1863, v. 2, 464.—Geddelst, 1911a, 114.—Leuck., 1867b, 6.—Linst., 1899c, in 155-164, pls. 13-14 figs. 1-16; 1909a, 77.—Mol., 1858, 299-300; 1861a, 437, 602-606 (13, 178-182); 1861c, 305-306.—Neum., 1892d, 345, 374.—Nev.-Lem., 1912a, 651.—Rail. & Henry, 1909a, 85; 1912, 562.—St. Joseph, 1900a, 228-229.—Shipley, 1896a (1901b), 147, 149, 163.—Stiles & Hass., 1905b, 113.—Stoss., 1899, 55, 59.
- acanthocephalicus* Mol., 1861a (b), 608-609 (184-185), pl. 9 (s. Str. tubifex tantali) (in Ibis tubifex; Brazil).—Jägers., 1909, v. 2 (3), 3, 33-34, 46 (type), pl. 1 figs. 15-17, pl. 4 figs. 47-50, pl. 5 figs. 56, 69 (in Phimosus infuscatus; B.).—Linst., 1899a, 157.—Stoss., 1899d, 62 (8) (in I. nudifrons; B.).
- coronatus* Mol., 1861a (b), 611 (187) (in Mergus merganser; Padua); [1860a, 707-709, figs. 1-4 (in M. m.)].—Jägers., 1909, v. 2 (3), 41-42, 47, fig. 11 (s. mergi-merganseris, sp.) (in M. m.).—Linst., 1899a, 156; 1909 (15), 78 (in M. m.)—Par., 1894a, 235.—Stoss., 1899d, 62 (8) (in M. m.; P.).
- cygni* (Mol., 1858) Dies., 1861a, 682 (in Cygnus olor; Padua); 1861c, 279.—Hut. & Mar., 1913b, 2, 480.—Jägers., 1909, v. 2 (3), 42 (s. pachyc.).—Nev.-Lem., 1912a, 780.—Rail., 1893a, 424 (s. pachyc., Echinocephalus cygni).—Stoss., 1899d, 61 (7) (s. pachyc., E. c.) (in C. o.; P.).
- elegans* (Olfers, 1816) Rail., 1893a, 423 (s. tubifex, Eustr. tubifex, Str. anatis, elegans, mergorum).—Fiebiger, 1912a, 259.—Geddelst, 1903a, 52, 106 (in Anas boschas dom.).—Jägers., 1909, v. 2 (3), 2 (pars so. neglectus, pars of varispinosus), 5 (of Rail. pars and Stoss. pars so. Eustrongylides tubifex), 10 (of Rail. pars., to Eustrongylides), 24 (of Stoss. pars so. Eustrongylides excisus).—Nev.-Lem., 1912a, 780.—Stoss., 1899d, 59-60 (in Anas acuta, A. crecca, A. clypeata, A. domestica, Alca torda, Carbo cormoranus, Colymbus arcticus, C. septentrionalis, Mergus albellus, M. merganser, M. serrator, Microcarbo pygmaeus, Pavo cristatus, Podiceps minor, P. cristatus; Europe); 1902, 8 (in Querquedula ciria).—Wehrmann, 1909a, 222-229, 230, 233, figs. 5, 6 (in A. b. dom.).
- mergi-merganseris* Dies., 1861a, 683 (in Mergus merganser; Mol., 1860).—Jägers., 1909, v. 2 (3), 41 (so. coronatus).
- neglectus* Jägers., 1909, v. 2 (3), 2, 3, 30-32, 46, figs. 14, 44-46, 68 (s. papillosus, ? sp. Wedl. 1856, Eustrongylus papillosus) (in Numenius arquatus, Querquedula ciria; Cagliari, Mus. Wien, Mus. Genoa).
- orispinus* Mol., 1858 (1859e), 300 (in Ibis falcinellus; Padua); 1860, v. 38, 712; 1861a (b), 610 (186) (in I. f.; P.); 1861c, 306-308, pl. 12 fig. 7, pl. 13 fig. 13 (in I. f.; P.).—Dies., 1861a, 682 (in Cygnus olor; P.); 1861c, 279.—Jägers., 1909, v. 2 (3), 39-41, fig. 10 (in I. f.).—Par., 1894a, 235.—Stoss., 1899d, 60-61 (in I. f.; P.).
- pachicephalus* Mol., 1861a (b), 610-611 (186-187) (s. Echinocephalus cygni) (in Cygnus olor; Padua).—Jägers., 1909, v. 2 (3), 42-43, fig. 12 (s. sp., cygni, E. c. Mol., 1860) (in Cygnus olor).—Linst., 1909 (15), 77, fig. 72 (in C. o.) (pachyc.).—Neum., 1892, 377 (pachyc.).—Par., 1894a, 235 (in C. o.; P.).
- pachycephalus* Neum., 1892d, 377 (in Cygnus olor) (for pachicephalus).—Geddelst, 1911a, 115, fig. 151 (in swan).—Linst., 1909a, 77, fig. 72 (in C. o.).—Rail., 1893a, 424 (so. cygni).—Støedter, 1901a, 61, 95 (in Schwäne).

HYSTRICHIS—Continued.

- papillosus* (Rud., 1802) Mol., 1861a (b), 607–608 (183–184) (in *Ardea coçoi*: Caicara, Matogrosso; *A. leuce*: Matogrosso; *A. pinnata*: Registro do Rio grande (Araugay); *Corvus caryocatactes*: Greifsw.; *Carbo cormoranus*: M. C. V.; *C. pygmaeus*: M. C. V.; *Numenius arquatus*: Gryphie; *Plotus anhinga*: Brasilia; *P. melanogaster*: Matogrosso; *Tantalus loculator*: Porto do Rio Parana).—Jägers., 1909, v. 2 (3), 2 (to *Eustrongylides*), 3, 10, 17, 20, 24, 26, 30 (pars so. elegans, pars of *H. neglectus*, pars of *E. perpapillatus*, pars of *E. ignotus*, pars of *E. excisus*).—Linst., 1899c, 155, 156–158, figs. 1–4, 14–16 (s. *Tropidocerca paradoxa*) (in *A. coçoi*, *A. leuce*, *A. pinnata*, *A. paradoxa*, *Carbo cormoranus*, *C. pygmaeus*, *Colymbus arcticus*, *C. minor*, *C. septentrionalis*, *Coracias garrula*, *Corvus coryocatactes*, *Mergus albellus*, *Numenius arquatus*, *Plotus anhinga*, *P. melanogaster*, *Tantalus loculator*); 1909a, 78, fig. 73 (in *Anas boschas*, *Anser anser*, *M. a.*, *M. serrator*, *Phalacrocorax carbo*).—Ratz, 1900f, 178.
- species Wedl, 1856a, 41, pl. 1 figs. 12–14 (in *Fulica atra*: by Wedl).—Jägers., 1909, v. 2 (3), 30, 36 (so. ? *neglectus*, ? *wedli*).—Stoss., 1899d, 61 (7) (so. *wedlii*).
- species Jägers., 1909, v. 2 (3), 41 (so. *coronatus*) (quotes Mol., 1860a, 707).
- species Jägers., 1909, v. 2 (3), 42 (so. *pachic.*) (Mol., 1860a, 710).
- tricolor* Duj., 1845a, 290–291 (in *Anas boschas dom. et fera*: Rennes).—Bail., 1866b, 45 (to *Spiropt.*).—Dies., 1861a, 682.—Fiebig., 1912a, 259.—Frœhner, 1916a, 261.—Geddelst, 1903a, 52, 106 (in *A. b. d.*); 1911a, 114 (in *dom. duck*).—Hut. & Mar., 1913b, 480.—Jägers., 1909, v. 2 (3), 3, 27–30, 46, figs. 13, 42–43, 67 (so. *Eustrongylus tubifex*, *Str. anatis*, *S. tubifex?*, *S. tadornæ*, *S. tricolor*) (in *A. b. d.*; Coll. Linst.).—Linst., 1899c, 155; 1909 (15), 77, figs. 71a–b (in *A. b.*, *Tadorna tadornæ*).—Mol., 1861a (b), 609–610 (185–186) (s. *Spiropt. tadornæ*) (in *A. b. d.*, *A. b. fera*, *A. tadornæ*); 1861c, 306, 307, 308.—Neum., 1892d, 377.—Nev.-Lem., 1912a, 780.—Rail., 1893a, 423 (s. ? *Spiropt. tadornæ. tricolor*).—Ratz, 1900f, 178–180, 183–184, pl. 5 figs. 6–10; 1908, v. 31 (23), 285–287, figs. 1–6.—Stoss., 1891a, 217–218 (2–3), pl. 3 figs. 3–5 (in *A. dom.*); 1899d, 60 (6), (s. *Spiropt. tadornæ*, *S. tricolor*) (in *A. d.*, (Venice, Rennes), *A. b.*, (Rennes), *A. tadornæ* (Irlanda)).—Wolffh., 1900a, 10, 58 (in *A. b. d.*; Germany).—Wehrmann, 1909a, 223, 224.
- tubifex* (Nitzsch, 1819) Mol., 1861a (b), 606–607 (182–183) (s. *Str. papillosus*, *mergorum*, *anatis*, *elegans*) (in *Anas boschas dom.*, *A. crecca*, *A. acuta*, *A. clypeata*, *Alca torda*, *Colymbus septentrionalis*, *C. arcticus*, *Mergus serrator*, *M. albellus*, *M. merganser*, *Podiceps cristatus*, *P. minor*; Greifsw., Wien, Ireland, M. C. V.).—Jägers., 1909, v. 2 (3), 3 (cf. *Filarioider Wurm*), 5 (to *Eustrongylides*), 10 (so. *elegans*), 28 (of Mol., pars and of Linst., pars. so. *tricolor*).—Linst., 1909 (15), 77 (in *A. b.*, *A. a.*, *A. c.*, *A. querquedula*, *C. a.*, *C. cristatus*, *C. nigricans*, *C. s.*, *Mergus albellus*, *M. merganser*, *Spatula clypeata*).—Neum., 1892d, 377.—Rail., 1893a, 423 (so. *elegans*).
- varispinosus* Jägers., 1909, v. 2 (3), 2, 35–36, 47, fig. 6 pl. 1 fig. 18, pl. 4 fig. 51 (in *Mergus serrator*; Coll. Paris).
- wedli* Jägers., 1909, v. 2 (3), 3, 36–39, 47, figs. 7–9 (for *wedlii*) (s. ? sp.) (in *Fulica atra*; Coll. Linst.).
- wedlii* Linst., 1879a, 173–174 (name for *Hystrichis* sp. Wedl) (in *Fulica atra*: by Wedl and Linst.); 1899a, 155 (in *F. a.*); 1909 (15), 78 (in *F. a.*).—Jägers., 1909, v. 2 (3), 3, 36–39, 47, figs. 5, 7–9 (s. ? sp.) (*wedli*) (in *F. a.*).—Stoss., 1899d, 61–62 (7–8) (in *F. a.*).
- HYSTRICHUS A., D., & E., 1901b, 7 (for *Hystrichis*).
- HYSTRIGNATHUS Leidy, 1850e, 102 (mt. *rigidus*): 1853b, 44; 1904a, 39.—Rail. & Henry, 1916, 115.—Scudd., 1884a, 370.—Stiles & Hass., 1905b, 113.
- hystrix* [Cobb, 1898] Johnst., 1912, PRSQ, 75–76 (s. *Nyo hystrix* Cobb).
- rigidus* Leidy, 1850e, 102 (in *Passalus cornutus*: by Leidy); 1853b, 44 (in *ventric. of Passalus cornutus*); 1856b, 49; 1904a, 39–40, 92.
- ICHTHIONEMA Pierantoni, 1914, ICZ, 663 (for *Ichthyonema*).
- ICHTHYONEMA Dies., 1861a, 620, 698–699 (type probably *globiceps*).—A., D., & E., 1901b, 7.—Braun, 1915a, 291.—Linst., 1892g, 511; 1909a, 71, 75.—Looss, 1901a (1902), 28.—del Lupo, 1898a, 823–825 (in *Acipenser sturio*: by del Lupo).—Rail., 1916, RMv, 519.—Rollet, 1888a, 680, 686, 688.—Schneid., 1866a, 25, 30, 79, 175.—Shipley, 1896a (1901b), 131, 147, 149, 163.—Stadelmann, 1891a (1892a), 19 (160).—Stiles & Hass., 1905b, 113.—Stoss., 1898c, 97.—Strassen, 1907, v. 17, 110–129, figs. 1–8; 1908b, 49.—Will.-Suhm, 1870a, 18, 20, 21, 24, 26.

ICHTHYONEMA—Continued.

- acipenseris* del Lupo, 1898a, 823-825 (in abd., *Acipenser sturio*; by del Lupo), figs. 1-4.—Gemmill & Linst., 1902a, 117 (in A. s.).—Hofer, 1904a, 271 (in A. s.).
- congeri-vulgaris* (Mol., 1859) Dies., 1861a, 699 (in *Conger vulg.*; Padua).
- cylindraceum* Ward & Magath, 1917, (for 1916), JP, 62, (in *Perca flavescens*; Lake St. Clair).
- filiformis* Stoss., 1896c (d), 123 (in *Pagellus erythrinus*, *Trachinus draco*; Trieste); 1898c, 98 (in T. d.; Trieste).—Gemmill & Linst., 1902a, 117 (in P. e.) (filiforme).
- fuscum* (Rud., 1819) Dies., 1861a, 699 (in *Labrax lupus*; Padua).—Gemmill & Linst., 1902a, 116 (in L. l., *Pleuronectes manca*).
- globiceus* (Rud., 1819) Dies., 1861a, 699 (in *Uranoscopus scaber*; Nicæ).—Büetsch., 1876, 230.—Gemmill & Linst., 1902a, 115, 116 (in *Lobotes surinamensis*, *Phycis mediterranea*, *Scomberomorus maculatus*, *Tarpon atlanticus*, U. s.).—Leuck., 1876b, 643, 644.—Linst., 1902a, 223-224, figs. 8-10 (in U. s.; Genoa).—Lint., 1901b, 410, 437, 446, 450, 457, 463, 490, figs. 209-217 (in L. s., *Pomatomus saltatrix*, S. m., T. a.; Woods Hole): 1905d, 329, 330, 368, 412, pl. 4 fig. 21 (in *Paralichthys albiguttus*, Pom. sal.; Beaufort); 1907, v. 33, 96 (in *Tylosurus acus*; Bermuda).—Mont., 1905a, 400-401 (biol.); 1907, v. 2 (3), 18-19.—Par., 1902c, 16 (in *Philometra reticaudata*, U. s.; Portoferrajo).—Rollest., 1888a, 676, 680.—Schneid., 1866a, 175-176, 195, 300, pl. 12 fig. 11.—Seur., 1916, 347, 358 (in *Sagitta bipunctata*).—Stiles & Hass., 1905b, 113.—Stoss., 1896c (d), 123 (5) (in *Labrax lupus*, U. s.; Trieste); 1898c, 97 (in L. l., U. s.; T.).—Strassen, 1907a, 118, 119, 120, 122, 123, 124, 126, 127, 128, figs. 4, 5, 7, 8; 1908b, 49.—Will.-Suhm, 1870a, 16, 26, pl. 13 (in U. s.); 1871a, 190-200, pl. 13 figs. 1-11.
- grayi* Gemmill & Linst., 1902a, 113-117, pl. 8 (in *Echinus escul.*; Firth of Clyde); 1902b, 448; 1903a, 70-71.—Gemmill, 1902, v. 6, 299-301; 1903, v. 6 (3), 299-301.—Strassen, 1907a, 121.
- ovatum* (Zed., 1803) Srámek, 1901a, 96, 102 (s. *Asc. u. Fil. gobionis*, Gord.) (in *Squalius dobula*).—Gemmill & Linst., 1902a, 116.—Linst., 1909a, 75-76, fig. 68 (in *Abramis brama*, *Cottus gobio*, *Gobio fluviatilis*, *Leuciscus rutilus*, *Phoxinus phoxinus*, *Squalius cephalus*, *S. leuciscus*).
- pellucidum* Jägers., 1893a (1894a), 44-54 (in *Tetrodon stellatus*), pl. 1 figs. 1, 2, 12 (2), 16, 17 (3), 19-23.—Gemmill & Linst., 1902a, 117 (in *Tetrodon stellatus*).—Strassen, 1908b, 49.
- sanguineum* (Rud., 1819) Bast., 1865c, 95, 102, fig. 55 (in *Abramis vimba*).—Gemmill & Linst., 1902a, 115, 116 (in *Carassius vulg.*, *Galaxias scribea*, *Paralichthys dentatus*, *Leuciscus rutilus*).—Hofer, 1904a, 271 (in *A. brama*, *Anguilla vulg.*, C. v., L. r., *Osmerus eperlanii*).—Leuck., 1876a, 643, 644.—Linst., 1873; 1874a, 122-134, figs. 1-9; 1902a, 223; 1909a, 75, fig. 67 (in *Ab. b.*, *Ab. v.*, *An. v.*, *Blicca bjoerkna*, *Cottus gobio*, *Car. vulg.*, L. r., O. e.).—Lint., 1900a, 269, 283, 304, figs. 120-121 (in P. d.; Woods Hole): 1900, 304; 1901b, 410, 482 (in P. d.; Woods Hole).—Müch., 1898b, 49 (in *Ab. b.*).—Schneid., 1913, 31.—Seur., 1916, 347 (in *Cyclops*, *Diaptomus*).—Shipley, 1896a (1901b), 149 (in fish).—Srámek, 1901, 95, 102, fig. 55 (in *Ab. v.*).—Strassen, 1907a, 110-129, figs. 6-8 (in *Cyclops*): 1907a, 118, 119, 120, 124, 125, 126, 127, fig. 6; 1908b, 49.—Vavra, 1901, 95 (in *A. v.*).
- species* Lint., 1901b, 410, 428 (in *Sphyrna zygaena*; Woods Hole): 410, 446 (in *Sarda sarda*; W. H. region): 410, 481 (in *Hippoglossus platessoides*; W. H. r.); 410, 463 (in *Chaetodipterus faber*; W. H.), figs. 218-219.
- species* Lint., 1905d, 330, 372 (in *Coryphæna hippurus*; Beaufort).
- species* Lint., 1907, 96, pl. 1 figs. 4, 4a (in *Epinephelus maculosus*, *E. striatus*, *Lycodontis moringa*, *Mycteroperca apua*, *Neomænis* sp.).
- IOTA Cobb, 1913, JWAS, 437-438 (mt. tod. squamosa).—Menz., 1917, RsZ, 154, 155, 156, 157 (Jota, so. *Hoplostaimus*).
- octangulare* Cobb, 1914, TAMS, v. 33, 72, 74 (38, 40, 86), pl. 2 fig. 1 (Dismal Swamp, Va.).—Menz., 1917, 154, 157 (Jota, to *Hoplostaimus*).
- squamosa* Cobb, 1913, 437-438 (roots of Mango; Bangalore, India).—Menz., 1917, 154, 157 (Jota, to *Hoplostaimus*).
- IOTONCHUS Cobb, 1916, JP, 196 (tod. *gymnolaimus*) (subg. of *Mononchus*); 1917n, 439, 455.
- acutus* Cobb, 1917n, 438, 455, 481, fig. 68 to M. (I.) (about roots of rhubarb in loose brown sandy soil; Arlington, Va.).

IOTONCHUS—Continued.

- bathybius* (Micol., 1913) Cobb, 1916, 196; 1917n, 435, 438, 455, 478, fig. 64 to M. (I.) (in mud; Atter Lake, Austria).
- brachylaimus* Cobb, 1917n, 438, 455, 480, fig. 67 to M. (I.) (in brown sandy soil; Arlington, Va.).
- consimilis* Cobb, 1917n, 438, 455, 477, fig. 61 to M. (I.) (about roots of *Platonia insignis*; Brazil).
- digiturus* (Cobb, 1893) Cobb, 1916, 196; 1917n, 438, 455, 476, fig. 58 to M. (I.) (about roots of banana plants; Fiji).
- gymnolaimus* (Cobb, 1893) Cobb, 1916, 196; 1917n, 438, 455, 476–477, fig. 60 to M. (I.) (about roots of banana, Fiji; of *Platonia insignis*, Rio de Janeiro, Brazil; of various plants, Arlington Farms, Va.).
- rapax* Cobb, 1917n, 438, 455, 477, fig. 62 to M. (I.) (about roots of plants; Arlington Farms, Va.).
- regius* Cobb, 1917n, 438, 442, 449, 455, 478, fig. 9, 63 to M. (I.) (about roots of plants; Arlington Farms, Va.).
- rex* (Cobb, 1904) Cobb, 1917n, 455 (to *Mononchus*).
- studerii* (Steiner, 1914) Cobb, 1916, 196; 1917n, 438, 454, 479, fig. 65 to M. (I.) (under moss; Ufenau Isl., Zürich Lake).
- trichurus* Cobb, 1917n, 438, 448, 455, 476, figs. 14, 59 to M. (I.) (about roots of orange trees; Bahia, Brazil).
- tridentatus* (Man, 1876) Cobb, 1916, 196 (error, see *Anatonchus*).
- zschokkei* (Menz., 1913) Cobb, 1917n, 438, 455, 479, fig. [66] to M. (I.) (in high Swiss Alps).

IRONUS Bast., 1865c, 93, 103–104, pl. 9 figs. 34a–b (mt. *ignavus*) [not *Irona* Schiöedte, 1883, crustacean; not *Ironeus* Bates, 1872, coleopt.].—Cobb, 1917n, 453.—Hofmæn., 1913, 627–628.—Jägers., 1909, 6, 27.—Man, 1876a, 83–84; 1876b, 6–7.—Menz., 1914, 52–53.—Oerley, 1880, 67, 127–128.—Stiles & Hass., 1905b, 113.

americanus Cobb, 1914, TAMS, v. 33 (2), 90–91 (38, 56–57, 92) pl. 5 fig. 13 (Colorado).

entzii Daday, 1894, Mte, v. 12, 135; 1897, v. 2 (1), 96–97, figs. 76–78 (free; Balaton).—Plotnikov, 1901, 246.

filicauda Daday, 1899, Mte, v. 17, 564–565.

helveticus Daday, 1911, RsZ, 502–504, pl. 15 figs. 1a–d (Vierwaldstätter See, etc., Switz.).

ignavus Bast., 1865c, 104, pl. 9 figs. 34A–34B (aquatic; Easthampstead Plain and Sandhurst).—Brakenhoff, 1914, v. 22, 278–281.—Ditlevsen, 1912, 225, 232, 233, pl. 4 fig. 33.—Hofmæn., 1913, 628–629.—Hofmæn. & Menz., 1915, 149–150.—Jägers., 1909, 27–28, fig. 37.—Man, 1884, 70.—Menz., 1914, AN, 53, 82.—Micol., 1913, 11; 1914, 473–475.—Oerley, 1880a, 128, pl. 7 figs. 27a–b.—Southern, 1914a, 7 (Co. Mayo).—Stefanski, 1916, ZA, 364.—Stiles & Hass., 1905b, 113.

ignavus brevicaudatus Brakenhoff, 1914, v. 22, 282 (for *ignavus* of Man; Holland).

ignavus typicus Brakenhoff, 1914, v. 22, 281–282 (for *ignavus* of Bast.; Eng.).

longicaudatus Man, 1884a, 20, 70–71, pl. 34 fig. 140 (in moist soil; Deutschland).—Ditlevsen, 1912, 225, 232–233.—Daday, 1913, 664–665.—Hofmæn. & Menz., 1915, 151.—Menz., 1914, AN, 35, 53, 82.—Southern, 1914a, 7 (Co. Mayo).

longicollis Daday, 1899, Mte, v. 17, 565.

minor Cobb, M. V., 1915, TAMS, 35–36 (Douglas Lake, Mich.).

papuanus Daday, 1899, Mte, v. 17, 565–566.

tenuicaudatus Man, 1876a (b), 84–87 (7–10) (Leiden).—Oerley, 1880a, 128.

ISACIS Dies., 1861a, 614, 634 (for *Isakis* Lespès, 1856, mt. *migrans*).—Par., 1896b, 109, 111 (for *Isakis*); 1898a (b), 114 (13) (for *Isakis*).—Shipley, 1896a (1901b), 163.—Skrjabin, 1916, 76, 78, 142–143.—Stiles & Hass., 1905b, 114.

acuminata (d'Udekem, 1859) Dies., 1861c, 272 (in *Julus terrestris*; Belgium).

cuspidata (Rud., 1814) Dies., 1861a, 635 (in *Oryctes* (*Scarabæus*) *nasicornis*; Europe).—Linst., 1878a, 301 (in O. n.).—Mordw., 1908, v. 13 (1–2), 146.

cylindrica (Leidy, 1849a) Linst., 1878a, 326 (in *Helix alternata*).

gryllotalpæ (Dufour, 1837) Dies., 1861a, 636 (in *Gryllotalpa* vulg.; by Dufour).—Linst., 1878a, 295 (in G. v.; Latr.).

ISACIS—Continued.

infecta (Leidy, 1849) Linst., 1878a, 312 (in *Julus marginatus*).

lucani (Fröel., 1802) Dies., 1861a, 636 (in *Lucanus capreolus*; by Fröel.).—Linst., 1878a, 302 (in *L. c.*).

macrocephala d'Udekem, 1859, 560–565, 566, pl. 2 figs. 1–9.—Dies., 1861c, 272–273 (in *Julus terrestris*; Belgium).—Linst., 1878a, 312 (in *J. t.*).

migrans Lespès, 1856a, 335–336, pl. 8 figs. 10–15 (in *Termites*; by Lespès); 1877; 147.—Linst., 1878a, 291 (in *Termes lucifugus*).—Stiles & Hass., 1905b, 114.

modiglianii Par., 1896b (c), 112–113 (5–6), pl. 1 figs. 15–19 (in *Spirotreptus mentawaiensis*; Isola Mentawai, Sereim); 1898a (b), 116 (15) (in *S. m.*; *M.*).

multipapillata Skrij., 1916, 78–80, 112, 143–144, pl. 8 figs. 57–62 (in *Julus sp.*; Brit. E. Africa).

silvestrii Par., 1896b (c), 111–112 (4–5), pl. 1 figs. 11–14 (in *Platyrrhacus modiglianii*, *Sphaeropæus hercules*; Sumatra); 1898a (b), 116 (15) (in *P. m.*, *S. h.*; *S.*).

ISACUS Zool. Rec. (1906), 1907, v. 33, Verm., 42 (for *Isacis*) [not *Isacus* Cope, 1873 mammal].

ISAKIS Lespès, 1856a, 335–336 (mt. *migrans*) [not *Isacis* and *Isacus* Cope, 1873, mammal; not *Isaca* Walker, 1857, hemipt.].—Rail. & Henry, 1916, CrSB, 115 (*Isacis* Dies., 1861); 1916, CrSB, 250.—Stiles & Hass., 1905b, 114.—See also *Isacis*, *Isacus*.

migrans Lespès, 1856a, 335–336, pl. 8 figs. 9–14 (in *Termites*; by Lespès).—Linst., 1901b, 419 (in *Termes*).—Rail. & Henry, 1916, 115.

ISONCHUS Cobb, 1913, JWAS, 439 (tod. *radicicolus*).

radicicolus Cobb, 1913, 439 (in soil about roots of cotton plants; Springfield, S. C.).

JOTA Menz., 1917, 154, 155, 156, 157 (for *Iota*, q. v., so. *Hoplolaimus*).

KALICEPHALUS Mol., 1861a (b), 436, 538–549, diag. 540 (12, 114–125, diag. 116) (type ¹ [tat.] ? *mucronatus* = *kalicephalum*, see Stoss., 1899d, 106, or ? *inermis*, see Stiles & Hass., 1905b, 114).—Hall, 1916a, 119.—Leiper, 1908 (3), 190.—Linst., 1904, v. 1, in 91–104.—Looss, 1904, 9.

appendiculatus Mol., 1861a (b), 545–547 (120–123) (s. *Str. colubri*, *colubri-eririo*) (in *Clœlia plumbea*, *Coluber lichtensteinii*, *Leptophis ahætulla*, *Liophis cinerascens*, *L. bivittatus*, *L. miliaris*, *L. regius*, *Ophis cœruleus*, *O. merremii*, *O. sauroc.*, *Spilotes pullatus*; Brazil).—Linst., 1904f, 10.—Stoss., 1899d, 107 (53) (to *Sclerost.*).—Also reported for *Ophiomorphus miliaris*, *Pseudophis bivittatus*, *P. cinerascens*, *S. species*.

bothrops Mol., 1861a (b), 549 (125) (s. *Str. viperæ-lanceolatae*) (in *Bothrops jararaca*; Brazil).—Stoss., 1899d, 107 (53) (so. *Sclerost. subulatum*).

brevipennis Mol. (1860), 1861a (b), 548–549 (124–125) (s. *Str. colubri*) (in *Dryophis fulgidus*, *Ophis rhodogaster*; Cujaba, Forte do Principe da Beira).—Stoss., 1899d, 132 (78) (to *Sclerost.*).

inermis Mol., 1861a (b), 540–542 (114, 116–118), pl. 7 figs. 1–3 (s. *Str. colubri-jararaca*, *Str. crotali*) (in *Bothrops jararaca* at Sao Paulo; *Crotalus horridus* at Ypanema).—Linst., 1904f, 10.—Stoss., 1899d, 106 (52) (to *Sclerost.*).

mucronatus Mol., 1861a (b), 547–548 (123–124) (s. *Str. crotali*) (in *Crotalus horridus*; Brazil).—Stoss., 1899d, 106 (52) (so. *Sclerost. kalicephalum*).

rotundatus Linst., 1908, 23, pl. 4 figs. 5–6 (in *Pseudaspis cana*; Kooa, Kalahari, Africa).

species Leiper, 1908 (3), 194 (in *Psammophis sibilans*; White Nile).

species Sambon, 1907f, 359 (in *Psammophis sibilans*; Tropical Africa, Egypt).

species Sambon, 1909a, 50 (in stomach, *Eryx conicus*; from India); 1909b, 313 (in *E. c.*).

strumosus Mol., 1861a (b), 542 (118) (s. *Str. colubri-eririo-vari*) (in *Coluber lichtensteinii*; Matogrosso).—Stoss., 1899d, 106 (52) (to *Sclerost.*).

subulatus Mol., 1861a (b), 543–544 (119–120) (s. *Str. boæ-giboæ*, *colubri-surucucu*, *S. colubri*) (in *Boa constrictor*, at Matogrosso; *Bothrops jararaca*, at Ypanema; *Lachesis rhombeata*, at Borba).—Stiles & Hass., 1894e, 345 (in *B. c.*).—Stoss., 1899d, 107 (53) (to *Sclerost.*).—Also reported for *Pithon bivittatus*.

¹ This is a peculiar case that is not altogether clear under the Code. We believe that *mucronatus* (syn. *kalicephalum*) is the type. Our citation in 1905 was not a definite designation; and at that time we overlooked the synonym which created tautonymy.

KALICEPHALUS—Continued.

willeji Linst., 1904f, 9-10, pl. 1 figs. 14-18 (in *Coluber helena*, *Vipera russelli*; Colombo, Weligatta, Horana); 1906, v. 3 (11), 168 (in *Typhlops braminus*; Colombo); 1908, 109 (in *Bungarus fasciatus*; Dibrugarh, Assam).

KATHLANIA Lane, 1914, IJMR, 655, 656, 664-666 (tod. *kathlena*) (g. of *Kathlaniinae*); 1916, IJMR, 100, 103.

kathlena Lane, 1914, 666-667, 668, figs. 18-29 (in *Chelone midas*; Ceylon).

tonaudia Lane, 1914, 668-669, figs. 30-39 (in gut of *Chelone midas*; Ceylon).

KATHLANIINÆ Lane, 1914, IJMR, 655 (subf. of *Heterakidae*, contains *Dacnitis*, *Cissophylus*, *Kathlania*, *Subulura*); 1916, IJMR, 100, 103.—Hall, 1916a, 51 (so. *Subulurinae*).

KATHLEENA Leiper & Atkinson, 1914, PZSL, 226; 1915, 24 (tod. *osculata*).—Hall, 1916a, 41, 42.—Rail. & Henry, 1915, 271.

osculata (Rud., 1802a) Leiper & Atkinson, 1915, 27 (in *Hydrurga leptonyx*, *Lobodon carcinophagus*, *Trematomus bernacchii*).

radiata (Linst., 1907) Leiper & Atkinson, 1915, 26-27, fig. 2 (in Weddell's Seal; Antarctic Zone).

rectangula (Linst., 1907) Leiper & Atkinson, 1915, 27.

scotti Leiper & Atkinson, 1914, PZSL, 223 (in *Diomedea melanophrys*; Antarctic); 1915, 24-26, pl. 1 figs. 2, 5, 8, text fig. 1 (in D. m.; Campbell Isl.).

KILULUMA Skrj., 1916, 89, 92, 151, 152 (tod. *stylosa*).

brachylaima (Linst., 1901) Skrj., 1916, 95, 154 (in *Heterohyrax mossambica*).

stylosa (Linst., 1907) Skrj., 1916, 92-94, 95, 152-154, pl. 10 figs. 76-82, text fig. C (in *Rhinoceros africanus*; Tropical Africa).

KINORHYNCHA Southern, 1914a, 68-69 (subgroup of *Echinoderida*; contains orders: *Homalorhagæ*, *Cyclorhagæ*); 1915, 256.

KOLEOPS Lockwood, 1872a, 452 (mt. *anguilla*) (written *Coleops* in Scudd., 1884, 74).—Stiles & Hass., 1905b, 114.

anguilla Lockwood, 1872a, 449-454, figs. 120-122 (in *Anguilla acutirostris* [=A. vulg.]; near Keyport, N. J.).—Stiles & Hass., 1905b, 114.

KRIKONEMA Hofmæn. & Menz., in Menz., 1914, AN, 41 (for *Criconema*).

guerni (Certes, 1889) Hofmæn. & Menz., in Menz., 1914, 41.

LABIDURIS Schneid., 1866a, 29, 122-123, 241 (mt. *gulosæ* [not *Labidura* Leach, 1817, orthopt.; *Labidura* Dum., 1806, orthopt., supergeneric name].—Rail. & Henry, 1916, 114 (type *gulosæ* Rud., 1819, not Leach, 1817); 1916, CrSB, 250—Stiles & Hass., 1905b, 114.

gulosæ (Rud., 1819) Schneid., 1866a, 123, 233, pl. 7 figs. 15-17 (in *Testudo tabulata*; Berl.).—Drasche, 1884b, 325 (in *T. græca*).—Linst., 1899b, 13.—Rail. & Henry, 1916, 114.—Stiles & Hass., 1905b, 114.—Stoss., 1902c (d, e), 68 (8) (in *Gongylus ocellatus*; Cagliari).—Also reported for *Chelonoides tabulatus*, *Rhinemys nasuta*.

zschokkei Linst., 1899b, 13-14, pl. 3 figs. 28-30, pl. 4 fig. 40 (in ventric. *Testudo tabulata*; Brazil).

LABYRINTHOSTOMA Cobb, 1898a, 421, fig. 65 (species apparently not named).—Stiles & Hass., 1905b, 114.

LAGOCHEILASCARIS Cast. & Chalm., 1913a, 547 (for *Lagochilascaris*).—F., S., & T., 1916a, 466.—Ward, 1916, 702.

minor (Leiper, 1909) F., S., & T., 1916a, 467.—Ward, 1916, 702.

LAGOCHILASCARIS Leiper, 1909, PZSL, Abstr. 74, Nov. 16, 35-36 (mt. *minor*); 1909, PZSL, 742; 1910, v. 3 (22) 23-26; 1913, 266.—Gedølst, 1911a, 132.—Stiles, 1914, MM, v. 2, 271.

major Leiper, 1910, 25-26, figs. 6-9 (in *Felis leo sabakiensis*; Kilimandjaro); 1913, 266 (in *E. African lion*).—Gedølst, 1911, 132, fig. 177.

minor Leiper, 1909, 35-36 (in *Homo*; Trinidad); 1910, Apr., 742-743 (subcutaneous, in H.; T.); 1913, 265-266, figs. 1-3 (in H.).—Braun, 1915a, 367.—Brumpt, 1913a, 414.—F., S., & T., 1916a, 467.—Gedølst, 1911a, 132 (in H.; T.).—Stiles, 1914, MM, v. 2, 288.—Wellman, 1914, 800.

- LAPHYCTES** Duj., 1845a, 3, 653 (*Rictularia* Fröel. renamed, hence type *cristata*) [not *Laphyctes* Reichenbach, 1850, bird; Stål, 1853, hemipt.; Först., 1878, hymenopt.; *Laphyctis* Loew., 1859, dipt.].—Hall, 1916a, 168 (so. *Rictularia*).—Stiles & Hass., 1905b, 115.
- LASIOMITUS** Mar., 1870a, 11–12 (mt. *exilis*).—Stiles & Hass., 1905b, 115.
bierstedti Mar., 1870b, 10, pl. 20 fig. 2.—Villot, 1875a, 466 (Med.).
exilis Mar., 1870a, 11–12, pl. A fig. 1 (Endoume).—Villot, 1875a, 466 (Med.).
subrotundus Mar., 1870b, 5.—Villot, 1875a, 466 (Med.).
tenuicollis Mar., 1870b, 5.—Villot, 1875a, 466 (Med.).
- LAXUS** Cobb, 1894c, 413–416 (tsd. *longus*); 1914, 10.—Stiles & Hass., 1905b, 115.
contortus Cobb, 1894c, 414 (in marine sand; Nap.).
longus Cobb, 1894c, 415–416, fig. (2), i–v (in marine sand; Port Jackson, Australia).—Stiles & Hass., 1905b, 115.
septentrionalis Cobb, 1914, SE, 8, 29–30, 1 fig. (Bay; Cape Royds).
- LECANOCEPHALIDEA** Drasche, 1884a, 107 (supergeneric name, based upon *Lecanoccephalus*).
- LECANOCEPHALUS** Dies., 1839a, 227 (mt. *spinulosus*) [not *Lecanicephalum* Lint., 1891, cestode.]; 1851a, 250.—Braun, 1895b, 207.—Carus, 1863, v. 2, 462.—Crep., 1841a, 82.—Duj., 1845a, 288.—Goldb., 1855a, 111.—Hamann, 1893c, 432, 433, 434.—Kreff, 1871a, 210.—Mol., 1857a, 151; 1859e, 300; 1861c, 314.—Nordm., 1840a, 647.—Rail. & Henry, 1915, 272, 273.—Shiple, 1896a (b), 131, 133.—Stiles & Hass., 1905b, 115.—St. Joseph, 1900a, 228, 229.—Stoss., 1898c, 79.—Wallenstedt, 1847a, 8.
annulatus Mol., 1859h, 29–30 (in ventric. *Labrax lupus*; Padua).—Jägers., 1897b, 19.—Lint., 1901b, 410, 455, 490, figs. 220–223 (in *Roccus lineatus*); 1905d, 329, 331, 383 (in *Diplodus holbrookii*; Beaufort).—Rail. & Henry, 1915, 272, 273 (in D. h., L. l., R. l.).—Sons., 1890n, 177–178 (in L. l., *Mugil cephalus*, *Umbrina cirrosa*; Mus. Pisa); 1891h, 253, 255, 263 (in M. c., U. c.).—Stoss., 1887d (e), 190(7) (in stom. L. l.; Trieste); 1898c, 79 (in L. l.; T.).
kollari Mol., 1858 (1859e), 300–301 (in ventric. *Chrysophrys aurata*; Padua); 1861c, 315–316, pl. 14 figs. 1–6.—Dies., 1861c, 278.—Rail. & Henry, 1915, 272 (in C. a.).—Sons., 1890, 177 (in C. a.).
spinulosus Dies., 1839a, 227, pl. 14 figs. 12–20 (in *Sudis gigas*; Borba).—Buëtsch., 1874b, 259.—Crep., 1841a, 82 (in S. g.).—Duj., 1845a, 288.—Mol., 1861c, 315.—Nordm., 1840a, 648 (in S. g.).—Rail. & Henry, 1915, 272, 273.—Sons., 1890n, 177 (in S. g.; Brazil).
- LEIURIS** Leuck., 1850, 11 (mt. *Str. leptocephalus*) [not *Leiurus* Ehr., 1829, arachnoid; *Leiurus* Swains., 1839, fish; *Leiurus* Gray, 1845, reptile].—Stiles & Hass., 1905b, 115.
leptocephalus (Rud., 1819) Leuck., 1850, 9–11, 16, pl. 2 fig. 1 (in Fauthiere).—Schneid., 1866a, 100 (to Fil.).—Stiles & Hass., 1905b, 115.
- LEPIDONEMA** Cobb, 1898a (b), 315 (20) (mt. *bifurcata*).—Stiles & Hass., 1905b, 115.
bifurcata Cobb, 1898a (b), 315, 453 (20), figs. 36, i–iv, 127.—Stiles & Hass., 1905b, 115.
- LEPIDOSOMA** Porta, 1907, v. 1 (19), 412 (subg. of *Echinor.* for [type] *Echinor. lamelliger* Dies.) [not *Lepidosoma* Wagl., 1830, reptile; Risso, 1839, fish]; 1908, ZJ, 53.—Lühe, 1912, ZJ, v. 1, 277.
lamelliger (Dies., 1854) Lühe, 1912, v. 1, 277.
- LEPTODERA** Duj., 1845a, 106, 108–109 (mt. *flexilis*) [not *Leptodeira* Fitz., 1843, reptile; *Leptodira* for *Leptodeira*; *Leptodirus* Sturm., 1849, coleopt.; *Lep-todirus* for *Leptoderus*; *Leptoderus* Schmidt, 1849, coleopt.].—Braun, 1895b, 24; 1906a, 20.—Carus, 1863, v. 2, 460.—Cast. & Chalm., 1910a, 404; 1913a, 518.—Dav., 1877a, 970.—Dewitz, 1892b, 139 (*Leptodora*).—Erc., 1875e, 36.—F., S., & T., 1916a, 19.—Leichtenstern, 1886c, 173.—Leuck., 1868a, 406; 1879a, 124, 125; 1886d, 94.—Looss, 1892a, 40; 1911, v. 4, 216, 255.—Lespès, 1856a, 335.—Mol., 1857a, 151.—Mordw., 1908, v. 13 (1–2), 155, 156.—Neilly, 1882a, 398.—Rollest., 1888a, 679, 686.—Schneid., 1866a, 25, 28, 29, 51, 126, 148, 154, 156, 190, 194, 196, 197, 201, 202, 208, 210, 213, 214, 232, 234, 241, 244, 245, 248, 286, 251, 253, 254, 256, 258, 260, 261, 263, 267, 270, 271, 272, 279, 283, 284, 286, 292, 293, 298, 300, 301, 302, 315, 317.—Shiple, 1896a (b) (1901b), 129, 131, 133, 160.—Stiles, 1914, MM, v. 2, 271.—Stiles & Hass., 1905b, 115.—Stødter, 1901a, 19, 29, 96.—Ward, 1903l, 207; 1916, 678.—See also: *Leptoderes*, *Leptodora*.

LEPTODERA—Continued.

- angiostoma* Schneid., 1866a, 155, 157, 251, 273, 274, pl. 10 fig. 2 (s. *Angiostoma limacis* Duj., not Schneid., 1856, 192) (in *Limax ater*; Saxony).
- [*annulata* (Linn.) Cast. & Chalm., 1910a, 1169 (lapsus for *Leptodira annulata*, a (snake).]
- appendiculata* (Schneid., 1859) Schneid., 1866a, 150, 155, 159-160 (in moist earth and decaying substance), 218, 248, 249, 265, 266, 268, 271, 277, 278, 283, 285, 295, 304, 305, 314, 321, pl. 11 figs. 4-10, pl. 25 figs. 1-3, 9, pl. 26 figs. 1, 2 (s. *Alloionema appendiculatum*).—Am. Nat., 1875, 519.—Braun, 1883a, 160; 1895b, 12; 1906a, 8.—Büetsch., 1873a, 6; 1876, 442.—Claus, 1867, 95-102; 1868a, 1-24, pls. 1-3 figs. 1-31; 1869a, pls. 1-3.—Conte & Bonnet, 1903a, 199; 1904, v. 50, 67, 68 (in *Limax*, also free).—Dewitz, 1892b, 139.—F., S., & T., 1916a, 7.—Hempelm., 1912a, 108.—Leuck., 1876a, 697.—Looss, 1892, 41.—McCrary, 1874, 189.—Maupas & Seur., 1916, 614.—Rollet., 1888a, 684.—Schneid., 1880a, 173.—Seur., 1916, 364 (in *Arion empiricorum*).—Shipley, 1896a (1901b), 160 (in snail).—Will.-Suhm, 1870a, 23.—Züern, 1882a, 279-280 (in A. e.).
- curvicaudata* Schneid., 1866a, 158, pl. 10 fig. 4 (in moist soil and decaying substance; lng.).
- dentata* Schneid., 1866a, 315, 316, pl. 10 fig. 7, pl. 23 figs. 6, 7 (lng.).
- dolichura* Schneid., 1866a, 315, pl. 10 fig. 10 (lng.).—Büetsch., 1873a, 115 (to *Rhabditis*).
- elongata* Baird, 1858a, 225, pl. 52 figs. 6-9 (in abd. cav. *Siredon mexicanus*; Brit. Mus.).
- elongata* Schneid., 1866a, 156, 159, pl. 10 fig. 3 (in moist soil and decaying substance; lng.).
- fexilis* Duj., 1845a, 109, pl. 6 fig. A. (in *Limax cinereus*; Rennes).—Büetsch., 1873a, 95.—Carus, 1863, v. 2, 460 (in L. c.).—Mordw., 1908, v. 13 (1-2) 147.—Schneid., 1866a, 148, 156-157, pl. 10 fig. 1 (in L. c.; Berl.).
- fecunda* Schneid., 1866a, 315, 316, pl. 10 fig. 11, pl. 23 fig. 5 (s. *Pelodytes hermaproditus*) (apparently in decaying substances; lng.).
- inermis* Schneid., 1866a, 158, pl. 10 fig. 6 (in moist soil and decaying substance).
- intestinalis* Züern, 1882a, 280 (misprint for *intestinalis*).
- intestinalis* (Bavay, 1877) Cobbold, 1879a, 9; 1879b, 236, fig. 48.—Braun, 1903a, 255; 1908a, 288; 1915a, 298.—Brumpt, 1910a, 430; 1913a, 491.—Cast. & Chalm., 1910a, 404; 1913a, 519.—Ijima, 1889b, 372 (to *Rhabditis*).—Linst., 1905n, 533 (to *Strongyloides*).—Nev.-Lem., 1902a, 127; 1908a, 499.—Sl. & Sw., 1912a, 367.—Rail., 1893a, 557 (to *Strongyloides*).—Ward, 1895a, 331 (to *Strong.*) (in *Homo*); 1903, 208 (to *Strong.*).—Züern, 1882a, 280 (*intestinalis*).
- lirata* Schneid., 1866a, 155, 161-162, pl. 10 fig. 12, pl. 11 fig. 8 (in moist soil and decaying substance; lng.).—Man, 1912, v. 1, 447.
- macrolaima* Schneid., 1866a, 159, pl. 11 fig. 5 (in moist soil and decaying substance; lng.).
- membranosa* Schneid., 1866a, 157, 251, 255, pl. 11 fig. 10 (in *Rana* sp.; Brazil).
- nicothoe* Pag., 1861a, 125-126, figs. 1-10 (in *Nicothoe*; by Pag.).
- niellyi* R. Bl., 1885 [nv.] (based on Nielly, 1882b, 337-345, figs. 1-3; 1890a, 67 (to *Rhabditis*).—Braun, 1895b, 214 (to Rh.); 1903a, 254 (to Rh.); 1908a, 286; 1915a, 296.—Brumpt, 1910a, 428; 1913a, 490.—Cast. & Chalm., 1910a, 403; 1913a, 518.—Moniez, 1890c, 192; 1896a, 301 (to Rh.).—Nev.-Lem., 1902a, 125; 1908a, 504.—Rail., 1893a, 551 (to Rh.).—Sl. & Sw., 1912a, 366.—Stiles, 1907b, 51 (cf. *Fil. niellyi*).—Ward, 1903d (ex. 704; 1903l, 207 (in *Homo*; Brest, France) (s. *Anguillula leptodera*).
- nigrovenosa* (Goeze, 1800) Schneid., 1866a, 318, 319, pl. 26 fig. 5.—Rollet., 1888a, 684.
- oxophila* Schneid., 1866a, 151, 160-161 (*Anguillula aceti. glutinis*, renamed).—Büetsch., 1873a, 5, 11.
- pellio* (Schneid., 1866) Ward, 1903d (ex. 704; 1903l, 207-208 (s. *Rhabditis genitalis. pellio*) (in *Homo*; Stuhlweissenburg, Hungary).—Cast. & Chalm., 1910a, 404, 447; 1913a, 518.—F., S., & T., 1916a, 8.—Stiles, 1907e, 624; 1914, MM, v. 2, 313.

LEPTODERA—Continued.

- producta* Schneid., 1866a, 158, pl. 10 fig. 5 (in moist soil and decaying substance; lng.).
- rigida* Schneid., 1866a, 161 (in moist soil and decaying substance; lng.), 248, pl. 23 fig. 1, pl. 11 fig. 9.—Büetsch., 1873a, 11.
- rubrovenosa* Schneid., 1866a, 318, 319, pl. 26 fig. 4 (in lungs of *Bufo cinereus*; by Schneid.).
- stercoralis* (Bavay, 1876) Cobbold, 1879a, 8-9; 1879b, 234-236 to (*Anguillula*)—Berenger-Feraud, 1883, 318.—Braun, 1903a, 255; 1908a, 288; 1915a, 298.—Cast. & Chalm., 1913a, 519.—Chatin, 1884a, 376.—Lutz, 1880, 463, 464 (in child; Brazil).—Nev.-Lem., 1902a, 127; 1908a, 499.—Rail., 1893a, 557 (so. *Strongyloides intestinalis*).—Sl. & Sw., 1912a, 367.—Ward, 1895a, 323 (so. S. i.); 1903l, 208 (so. S. *stercoralis*).—Zuern, 1882a, 280 (in *Homo*).
- strongyloides* (Schneid., 1860) Schneid., 1866a, 219.
- strongyloides* (Leuck., 1883) Rollest., 1888a, 686.
- teres* (Schneid., 1866) Schneid., 1866a, 348, pl. 10 fig. 8.
- terricola* (Duj., 1845a) Chatin, 1888e, 1432 (in edible onion); 1897, v. 124 (7), 903-905.—Ward, 1903l, 208 (in *Homo*: English schoolship Cornwall) (s. *Pelodera teres*, *setigera*, *Rhabditis terricola*, *cornwalli*); 1916, 678, 696.
- uncinata* Schneid., 1866a, 348, pl. 11 fig. 7.
- LEPTODERES Duj., 1845a, 2, 653 (changed to *Leptodera* Duj., 1845a, 106, 108-109) [not *Leptoderes* Serv., 1839, orthopt.: *Leptoderis* Billb., 1820, coleopt.].—Stiles & Hass., 1905b, 115.
- LEPTODORA Dewitz, 1892b, 139 (for *Leptodera*).
- LEPTOLEMUS Scudd., 1882, 172 (for *Leptolaimus*).—Stiles & Hass., 1905b, 115.
- LEPTOLAIMUS Man, 1876a (b), 168-169 (91-92) (mt. papilliger); 1880, 142.—Stiles & Hass., 1905b, 115.
- papilliger* Man, 1876a (b), 169-171 (92-94), pls. 10-11 figs. 42a-e.—Oerley, 1880a (b), 142 (131).
- LEPTOSOMATUM Bast., 1865a, 94, 144-147 (tod. *elongatum*) [not *Leptosoma* Whitman, 1886, worm; *Leptosomatium* Kraatz, 1895, insect].—Büetsch., 1874b, 277 (so. *Thoracostoma*).—Linst., 1896a; 1903u, in 265-294.—Stewart, 1914, RIM, v. 10, pt. 4 (13), 245 (marine).—Stiles & Hass., 1905b, 115.—Villot, 1875a, 456, 457.
- antarecticum* Linst., 1892a, 3-6, pl. 1 figs. 1-10 (marine; Süd-Georgien); 1896a, 8 (Puerto Toro).
- australe* Linst., 1905cc, 272 (marine); 1907, 1-4, pl. 1 figs. 1-10 (free; Hut Point, Australia).
- bacillatum* (Eberth, 1863) Bast., 1865c, 146 (marine; Nizza).—Villot, 1875a, 466 (Med.).
- coronatum* (Eberth, 1863) Bast., 1865c, 147 (Nizza).—Villot, 1875a, 457, 465 (s. *figuratum*, *Thoracost. echinodon*, *globicaudata*) (Roscoff).
- dorylaimus* Villot, 1875a, 466 (Med.).
- elongatum* Bast., 1865c, 145, pl. 12 figs. 156-157 (marine; Falmouth).—Villot, 1875a, 465.
- elongatum subangensis* Steiner, 1915, ZJ, 226-230, pl. 22 figs. 4-8, pl. 23 figs. 9-11 (marine; Sumatra).
- figuratum* Bast., 1865c, 146-147, pl. 12 figs. 161-163 (marine; Falmouth).—Büetsch., 1874b, 278.—Villot, 1875a, 457 (so. *coronatum*).
- filiforme* Villot, 1875a, 466 (Med.).
- gracile* Bast., 1865c, 145-146, pl. 12 figs. 158-160 (marine; Falmouth).—Villot, 1875a, 457-458 (Roscoff).
- indicum* Stewart, 1914, RIM, v. 10, pt. 4 (13), 249-250, pl. 31 figs. 11-14 (Indian Museum).
- longissimum* (Eberth, 1863) Bast., 1865c, 147 (Nizza).—Villot, 1875a, 466 (Med.).
- magnum* Villot, 1875a, 458, 465, pl. 11 figs. 2a-b (Roscoff).
- minutum* Villot, 1875a, 459, 465, pl. 11 figs. 3a-b (Roscoff).
- montredonense* Villot, 1875a, 466 (Med.).
- papillatum* Linst., 1903u (1904a), 276-277 (12-13), figs. 9-10 (free; Behring Isl.).

LEPTOSOMATUM—Continued.

- punctatum* (Eberth, 1863) Bast., 1865c, 145 (loc. Villafranca).—Stiles & Hass., 1905b, 115.
roscovianum Villot, 1875a, 458, 465, pl. 11 figs. 1a-b (Roscoff).
schneideri Villot, 1875a, 466 (Kiel).
setigerum Villot, 1875a, 466 (Med.).
setosum Linst., 1896a, 5-7, figs. 4-7 (free; St. Jago Bay, etc.).—Baylis, 1916, 298.—Leiper & Atkinson, 1915, 23-24, pl. 1 figs. 3, 6, 9.
species Linst., 1903u (1904a), 276 (12) (free; Murman Coast).
subulatum (Eberth, 1863) Bast., 1865c, 147 (Nizza).—Villot, 1875a, 466 (Med.).
tetrophthalmum Savelev, 1912, 124 (Palafjord, Mogilnojesee).
zolaë (Mar., 1870) Villot, 1875a, 458, 465, 466 (Crozon, Roscoff).

LEPTURIS Schlotthauber, 1860, 126 (mt. curvula) [not *Leptura* Linn., 1758a, 1767, coleopt.; *Lepturus* Brisson, 1760, bird; *Leptourus* Swainson, 1838, bird].—Hall, 1916a, 65 (so. *Oxyuris*).—Rail. & Henry, 1916, 114 (so. *O.*).—Stiles & Hass., 1905b, 116.

curvula (Rud., 1803) Schlotthauber, 1860a, 126.

LMNOMERMIS Daday, 1911, Mte. v. 29, 479-480; 1911, RsZ, v. 19, 504-505 (type?) (Mermithidae); 1913, 244, 245.

acuticauda Daday, 1911, v. 29, 484-485, pl. 2 figs. 1-2; 1911, v. 19, 511-512, pl. 15 figs. 5a-b (Vierwaldstetter-See); 1913, 219, 224, 228, 241, 250-251, pl. 2 figs. 1-2.

aquatilis (Duj., 1845) Daday, 1911, v. 29, 489; 1913, 217, 255-256 (s. *Fil. lacustris* Duj.).

austriaca Micol., 1913, SAW Wien, 121 (aquatic; Untersee, Ostalpen); 1914, 533-535, pl. 19 figs. 36a-b.

bathybia Daday, 1911, v. 29, 480-481, pl. 1 figs. 1-6; 1911, v. 19, 505-507, pl. 15 figs. 2a-e (Vierwaldstetter-See); 1913, 219, 223, 224, 230, 233, 235, 245-247, pl. 1 figs. 1-6.

curvicauda Daday, 1911, v. 29, 485-486, pl. 2 figs. 3-4; 1911, v. 19, 512, pl. 15 figs. 6a-b (Vierwaldstetter-See); 1913, 218, 219, 224, 228, 233, 241, 251-252, pl. 2 figs. 3, 4.

ensicauda Daday, 1911, v. 29, 486-487, pl. 2 figs. 5-8; 1911, v. 19, 513-514, pl. 16 figs. 7a-d (Vierwaldstetter-See); 1913, 218, 219, 224, 233, 241, 252-253, pl. 2 figs. 5-8.

gracilis Daday, 1911, v. 29, 487-488, pl. 2 figs. 9-11; 1911, v. 19, 514-515, pl. 16 figs. 8a-c (Vierwaldstetter-See); 1913, 218, 224, 233, 253-254, pl. 2 figs. 9-11.

limnetica Daday, 1911, v. 29, 483-484, pl. 1 figs. 11-15; 1911, v. 19, 509-511, pl. 15 figs. 4a-e (Vierwaldstetter-See); 1913, 219, 224, 233, 249-250, 251, pl. 1 figs. 11-15.

limnobia Daday, 1911, v. 29, 482-483, pl. 1 figs. 7-10; 1911, v. 19, 507-509, pl. 15 figs. 3a-d (Vierwaldstetter-See); 1913, 217, 218, 224, 232, 233, 245, 247-249, pl. 1 figs. 7-10.

uncata Daday, 1911, v. 29, 488-489, pl. 2 figs. 14-15; 1911, v. 19, 515-516, pl. 16 fig. 9a b (Vierwaldstetter-See); 1913, 217, 218, 220, 224, 228, 233, 241, 254-255, pl. 2 figs. 14, 15.

INEOLA Kœll., 1845b, 86-88 (type probably sieboldii) [compare *Lineola* Bær, 1827, polyg.].—Stiles & Hass., 1905b, 116.

obtusicaudata Bast., 1865c, 173 (for obtusocaudata) (to Phanoglene).

obtusocaudata Kœll., 1845b, 88 (marine; Messina).

rosea Kœll., 1845b, 88 (marine; Messina).

sieboldii Kœll., 1845b, 88 (marine; Messina).

INHOMÆUS Bast., 1865c, 154-155, 178 (tsd. *hirsutus*).—Man, 1907, v. 10, 239-240; 1907, MSz, v. 20, 74 (subg. *Eulinhomœus*, type *elongatus*; *Paralinhomœus*, type *lepturus*; *Linhomœus*, type *hirsutus*).—Stiles & Hass., 1905b, 116.—Villot, 1875a, 462.—See also *Linhomomius*.

attenuatus Man, 1907, v. 10, 241 (free; Ierseke) to (*Paralinhomœus*); 1907, MSz, v. 20, 33, 78-81, 87 (Zealand).

elongatus Bast., 1865c, 155, pl. 12, figs. 180-181 (tide-pools; Falmouth).—Man, 1907, MSz, 74, 76, 77, 79, 87, to (*Eulinhomœus*) (Zealand); 1907, v. 10, 239.—Villot, 1875a, 465 (Eng.).

LINHOMÆUS—Continued.

hirsutus Bast., 1865c, 154–155, pl. 12 figs. 178–179 (tide-pools; Falmouth).—Büetsch., 1874b, 267–268, figs. 15a–b (Austernbänke; bei Sylt).—Man, 1907, MSz, v. 20, 74 type of (*Linhomœus*).

lepturus Man, (1906) 1907, v. 10, 240, 241, 242 (free; Zealand, Eng.) to (*Paralinhomœus*, type); 1907, MSz, v. 20, 33, 71–78, 82, 83, 87, 90, pl. 4, fig. 15 (free; Zealand, Falmouth); 1907, 79, 80.

linurus Savelev, 1912, 120 (to *Paralinhomœus*) (im Schlamme mit Steinen; Kalafjord; Catharinahafen).

mirabilis Büetsch., 1874b, 269, figs. 17a–d (in Kieler Bucht).—Man, 1907, MSZ, v. 20, 74 to (*Linhomœus*).—Villot, 1875a, 466 (Kiel).

obtusicaudatus Man, 1907, MSz, v. 20, 74 (to *Linhomœus*).

tenuicaudatus Büetsch., 1874b, 268, figs. 16a–d (in Kieler B.).—Man, 1907, 78; 1907, v. 10, 240.—Villot, 1875a, 466 (Kiel).

LINHOMOMIUS Bast., 1865c, 94, 178 (corrected to *Linhomœus*).—Stiles & Hass., 1905b, 116.

LINISCUS Duj., 1845a, 4, 29–30 (mt. exilis) [not *Liniscus* Leifèvre, 1885, insect; *Liniscus* Hæck., 1880, coelenterate].—Carus, 1863, v. 2, 463 (subg. of *Trichosomum*).—Eberth, 1863a, 44.—Stiles & Hass., 1905b, 116.

exilis Duj., 1845a, 29–30 (in *Sorex tetragonurus*; Rennes).

LINOMORFI Criv., 1845a, 6 (of Brera; order, contains *Anchilocefali*, *Foxocefali*).

LIORHYNCHUS Rud., 1801a, 49 (mentions *Asc. tubifera*, *A. truncata*, *A. pulmonalis*, *Gœzia inermis*) (? type *truncatus*); 1802a, 15, 44; 1809a, 5, 18, 30, 32, 247, pl. 12 fig. 1; 1819a, 62, 307.—Blainv. 1824a, 517; 1828, 548.—Brems., 1824, 129.—Burm., 1837, 535.—Cat. RCSL, 1830, 44.—Crep., 1839a, 283 (*Liorrh.*).—Cuv., 1817a, 35.—Dies., 1839a, 221, 222, 227.—Deslgch, 1824dd, 495–497; 1826c, 443–444.—Duj., 1845a, 282.—Fischer, 1840, 155.—Hémont, 1827a, 8.—L'Herminier, 1826a, 10.—Joy, 1835a, 504.—Krefft, 1871a, 210.—Lam., 1816b, 201–202.—Mol., 1857a, 152.—Nordm., 1840a, 645–646.—Oken, 1815a, 186.—Rail. & Henry, 1915, 274.—St.-Joseph, 1900a, 230.—Schneid., 1866, 13, 15, 78.—Stiles & Hass., 1905b, 116, 117 (type ? *truncatus*).—Wallenstedt, 1847a, 8.—Westwood, 1851, 645.—See also: *Ciorhynchus*, *Liorrhynchus*, *Lyorhynchus*.

denticulatus Rud., 1809a, 249–250, pl. 12 figs. 1–2 (s. *Cochlus inermis*, *Gœzia inermis*) (in *Muraena anguilla*; by *Gœze*); 1810a, 256; 1814a, 94 (in Aal); 1819a, 62, 307–308.—Blainv., 1828a, 548 (in *anguille*).—Brems., 1824, 129.—Crep., 1839a, 283 (in Aal).—Duj., 1845a, 284.—Krøyer., 1846–53a, 641 (in *Anguilla migratoria*).—Lam., 1816, 202.—Nordm., 1840, 646 (s. C. i.).—Oken, 1815a, 186–187.—Olfers, 1816a, 52.—Rail. & Henry, 1915, 274.—St.-Joseph, 1900a, 230 (in A.).—Schneid., 1866a, 79, 102.

gracilescens Rud., 1809a, 248–249 (s. *Asc. tubifera*, *urksuk*, *Echinor. tubifer*, *Proboscidea bifida*) (in *Phoca barbata*; by *Fabr.*); 1819a, 62.—Blainv., 1828a, 548 (in *phoque*).—Cobbold, 1879b, 314 (in P. b.).—Cat. RCSL, 1830, 44 (in *Calocephalus barbatus*) Crep., 1844a, 128.—Duj., 1845a, 283–284 (s. *Asc. t.*, *E. t.*, *P. b.*) (in P. b.; Greenland).—Lam., 1816, 202.—Lühe, 1905b, 332–333 (s. *E. t.*).—Nordm., 1840, 646 (s. A. t., *E. t.*).—Oken, 1815a, 186 (in *Phoca barbata*).—Olfers, 1816a, 52.—St.-Joseph, 1900a, 230.—Also reported for *Erigonathus barbatus*.

lepidopodis Dies., 1851a, 248 (see *lepidopus*) (in *Lepidopus argyreus*=*perronii*).

lepidopus Risso, 1826a, 260 [*Lyor.*] (in *lepidope*; App. été).—Dies., 1851a, 248 (in *Lepidopus argyreus* (*L. perronii* Risso); by Risso).—Also reported for *L. caudatus*.

[*oviflagellis* (Fourm., 1883) St.-Joseph, 1900a, 230.]

truncatus (Rud., 1793) Rud., 1802a, 44–45 (in den Därmen des Dachses; by Rud.); 1809a, 247–248; 1819a, 62.—Blainv., 1828a, 548 (in *Blaireau*).—Duj., 1845a, 282–283 (in *Meles taxus*; *Greifsw.*).—Gieb., 1857a, 268 (in *Scelopax gallinula*, *Dachs*).—Lam., 1816b, 202.—Nordm., 1840a, 646 (in *blaireau*).—Oken, 1815a, 186.—Olfers, 1816a, 52.—Rail. & Henry, 1915, 274.—Schneid., 1866a, 79.—Stiles & Hass., 1905b, 117.—Also reported for *Ursus meles*.

uncinatus St.-Joseph, 1900a, 227–231, pl. 1 figs. 11–14 (in *Loimia medusa*; Senegal).

vulpis Duj., 1845a, 283 (in *Canis vulpes*; Mus. Wien).—Dies., 1851a, 248 (s. *Str. decoratus*).—Mol., 1861a, 442 (18) (s. *Crenosoma semiarmatum*).—St.-Joseph, 1900a, 230 (in fox).

- LIORRHYNCHUS** Olfers, 1816, 22, 52 (for *Liorhynchus* Rud.).—Burm., 1837a, 535.—Crep., 1844a, 128.—Stiles & Hass., 1905b, 117.
- LIORYNCHUS** Duj., 1845a, 282 (for *Liorhynchus*).—St.-Joseph, 1900, 228, 229-231.
- LISSONOMA** Linst., 1903k, 117-119 (mt. *rotundatum*) (misspelled *Lissonoma*, 119).—Rail. & Henry, 1910, v. 3, 154, 155 (so. *Aprocta* Linst.).—Stiles & Hass., 1905b, 117.
- rotundatum* Linst., 1903k, 117-119, figs. 16-20 (in *Centropus sinensis*; Siam).—Rail. & Henry, 1910, 154, 155 (to *Aprocta*).—Shipley, 1903l, 154.
- LISSONOMA** Linst., 1903k, 117, 118, 119 (misprint for *Lissonema*).—Stiles & Hass., 1905b, 117.
- LITOSOMA** Ben., 1873b, 21 (mt. *filaria*) [not *Litosoma* Douglas & Scott, 1865, hemipt.; *Litosomus* Lacordaire, 1866, coleopt.]; 1873c, 321-322.—Stiles & Hass., 1905b, 117.
- filaria* Ben., 1873b, 21, pl. 5 figs. 1-5 (in *Vespertilio auritus*; Belgium); 1873c, 321-322 (in *V. a.*).—Cobbold, 1879b, 294 (in *Cheiroptera*).—Also reported for *Plecotus auritus*, *Rhinolophus ferrum equinum*.
- LOA** Stiles, 1905, in Stiles & Hass., 1905b, 150 (tod. *Fil. loa*) (subg. of *Fil.*); 1907b, 34, 40, 42.—[Bajon 1777a, 325-329.—R. Bl., 1899c, 506 (in *Homo*; Congo; Coast of Angola).]—Braun, 1915a, 308, 315.—Cast. & Chalm., 1910a, 407, 421; 1913a, 536.—[Cobbold, 1864b, 388.]—F., S., & T., 1916a, 409, 411.—Pearse, 1916, v. 6, 73.
- loa* (Cobbold, 1864) Cast. & Chalm., 1913a, 254, 532, 535-536, 691, 1442, 1655.—F., S., & T., 1916a, 409-414, figs. 290-296.—Leiper, 1913, 272-273, figs. 10-11.—Neum. & Mayer, 1914a, 70, 374, 391, 392, 393, 394, 395.—Rail., 1915, 749; 1915, 512.—Rogers, 1913, ATMP, v. 7, 363-365.
- species* Rail., 1915, 510 (in *cheval*); 1915, 748 (in *horse*).
- LOBOCEPHALUS** Dies., 1838a, 189 (mt. *heterolobus*) [not *Lobocephalus* Kramer, 1898, arachnoid].—Cobbold, 1879b, 429.—Stiles & Hass., 1905b, 117 (see *Heterocheilus*).
- heterolobus* Dies., 1838a, 189 (in *Manatus australis*; Brazil); 1839a, 230 [nomen nudum, except for *habitat*]; 1851a, 209 (so. *Heterocheilus tunicatus*).
- LOMBRICOIDES** Mérat, 1821e, 225 (mt. *vulgaris*=*Asc. lumbricoides*).—Rans., 1911a, 24 (so. *Asc.*).—Stiles & Hass., 1905b, 117.
- vulgaris* Mérat, 1821e, 225 (see *Asc. lumbricoides*).—Stiles & Hass., 1905b, 117.
- LUMBRICI** (see *Lumbricus* and *Ascaris*).—Acharius, 1782, 28.—Anderson, 1859, v. 32 (377), 261-262 (in *horse's stomach*).—Batterbury, 1878a, 721.—Bell, 1885a, 475-477, 1 fig.; 1886a, 71-72.—Braun, 1894a, 932.—Conte, 1865a, 451.—Craur, 1865, 4.—Commelin, 1694, 4.—Dies., 1851a, 327 (of *Blasius*, 1674, renamed *Eustr. gigas*).—Egeberg, 1862, NML, v. 12, 76-77.—Frallianus, 1571.—Hoistra, 1839a, 337-338.—Hounsell, 1892a, 631.—Hutchinson, 1879a, 393-394.—Johnst., 1858a, 886-887.—Morland, 1857a, 409-417; 1857b, 65-75.—Petraus, 1837a, 143.—Porot, 1904d, 1082-1083.—Rabes, 1901, v. 13 (1-2), 239-352, figs. 1-7, pls. 3-11 figs. 1-77; 1902, 105-115.—Schelhamerus, 1687a, 19-22.—Shaw, 1901, 15.—Tauber, 1714.—Ude, 1887, 329.
- candidi* Steller, 1751 [nv.].—Dies., 1851a, 190 (so. *Asc. rytinae*).—Cobbold, 1879b, 429 (*caudidi* for *candidi*, in *Rhytina stelleri*; by Steller).
- [*effractores* of authors.—Huber, 1896a, 585 (not as specific name).]
- teretes* Lister, 1731c, 132 (in *Homo*; York); 1749b, 133.—Alston, 1842, 92.—Braun, 1894a, 932.—Buxtorff, 1772, v. 7, 106-107.—Howell, 1845a, 35.
- terrestris* Linn. (see *Lumbricus*).—Leo, 1820a, 1-38, pls. 1-2; 1822a, 492-496.—Edwards, 1879, 61.
- vulgaris* Morren, 1829b, 1-280, pls. 1-32 (s. *terrestris*).
- LUMBRICICOLA** Friedländer, 1895, v. 60 (2), 278 (mt. *vasorum*).
- vasorum* Friedländer, 1895, ZwZ, v. 60 (2), [263-264], 276-280, figs. (? 22-24), 25-26 (in blood vessel of earthworm, gen. sp. ?; by Friedländer).—Magal., 1905a, 316.
- Lumbricosis**.—Kermorgant, 1904g, 335-342; 1904h, 1455.—Schüptier, 1904c, 173; 1904d, 899; 1904e, 192.—Variot, 1908, v. 12, 172.—Verdun, 1907, 322.
- Westphalen, 1906, v. 3, 193-194.
- LUMBRICULUS** Aldrovande [nv.].—R. Bl., 1888a, 711 (so. *Oxyurus vermicularis*).

- LUMBRICUS** Linn., 1758a, 644, 647-648 (tsd. terrestris).—Alexander, 1570 or 1584; 1623, 178-188; 1584a, 443-468.—Alting.—Andry, 1741, 512, 584.—Apathy, 1893, 33-73, 319-361.—Aronis, 1728.—Baldinger, 1784, 54-56.—Bell, 1885a, 475-477, 1 fig.; 1886a, 71-72.—Benham, 1886a, 213-301, pls. 15-16 figs. 1-42; 77-108, pls. 8-9 figs. 1-43.—Berdot, 1772, 177-179.—Bergh, 1886a, 231-235 (gen. organs); 1886b, 608-609.—Beringer, 1744, 21.—Bloomfield, 1880, v. 20, 79-89, 1 fig, pls. 6-7 figs. 1-73.—Boree et Bidloo, 1715.—Borrichius, 1677, v. 4, 157.—Brumpt, 1910a, 608; 1913a, 397.—von Chur, 1772a, 1-100.—Le Clerc, 1715a, 16+1-456, pls. 1-13.—Cobbold, 1883, 855.—Cognetti de Martiis, 1904, v. 19, 1.—Cuv., 1798, 630-631 (mentions only terrestris).—Daly, 1790a, 1-53, pl. 1.—Dern, 1718a.—Desiderius, 1605a, 215-228.—Dies., 1851a, 59 (of Pall., so. *Sipunculus*).—Droste, 1839a, 97-102.—Dungl., 1893, 107, 651.—Faschius, 1685.—Francisco, 1883, 123.—Friedländer, 1888b, 1-56.—Gabucinus, 1549a, 1-219; 1597a.—Garz, 1640a.—Glytz, 1685a, 1-20.—Goschen (1699a), 1-23.—Griffith, 1910, v. 90, 338.—Gungl., 1904, 155-182, 1 pl; 1905, 315.—Gyser, 1797a, 203-204 [*Asc. lumbricoides*].—Havet, 1900a.—Herbst, 1787a, 13, 27-28.—Katsurada, 1899b, 728.—Knoch, 1862, 17.—Korschelt, 1895c, 9-19.—Kramer, (1753a), 1-43.—Lankester, 1865a, 7-18, pls. 2-3; 1865b, 99-116, 1 fig. pl. 6 figs. 1-8.—Lasius, 1668a.—Lente, 1850a, 167-169 (in stom.).—Leonus, 1576a, 1-572; 1583a, 1-714, pls. 1-5; 1597a, 1-1276, pls. 1-7.—Leydeckers, [1689a], 1-8.—Loeb & Smith, 1904, 4.—Loen, 1647a.—Lorinser, 1823a, 1-537, 1 pl.—M'Kinlie, 1749a, 1.25.—Marcus, 1683a, 306-309.—Michælsen, 1902b, 1-13.—Nash, 1883a, 770 (in pancreas).—Offredus, 1683a, 318-320.—Oks, 1883a, 337-338 (in liver); 1883c, 637; 1883d, 432.—Omond, 1856a, 1048-1049 (case).—Petrovsky, 1881b, 269-270 (perforation of intest. by).—Playfair, 1826a, 407-408 (cure).—Prichard, 1859a, 854-855 (case).—Rathke, 1799, 72.—Reitmeyer, 1673a, 1-16.—Rud., 1809a, 124 (so. *Asc. lumbricoides*).—Schacher, 1719a, 1-4.—Schelhammer, 1687a, 19-22.—Schneid., 1866a, 7.—Schrey, 1719.—Stein, 1861a, 42-43 (parasite of).—Stiles & Haess., 1905b, 118.—Tauber, 1714, 1-10.—Warenius, 1605, 218.—Was, 1790a, 473-484.—Williams, 1857a, 163; 1859a, 81.
- agricola* [author not verified].—Ruschhaupt, 1885a, 713-750, pl. 22 (gregarines of); 1885b.—Hoffm., 1908, 139-166, figs. 1-6, pl. 9 figs. 1-48 (gregarines of).—Langdon, 1894a, 114-117.
- alvum occupantibus* Lucius, 1694 [nv.].—Beddard, 1888, 420; 1887, 954; 1887, 953.—Bell., 1886, 71.—Benham, 1886, 444.—Celsus, 1567a, in 1-186.—Friedlander, 1889, 706.—Gabucinus, 1547a, in 1-56.
- aquaticus* Klein, 1755, 68 [nv.].—Villot, 1874a, 45 (to Gord.).
- arenarius* Müell., 1776, 216.—Herbst, 1787a, 30 (in Meersande).
- armiger* Müell., 1776, 215; 1788a, 22, pl. 22 figs. 4-5.—Herbst, 1787a, 30.
- canis* Werner, 1782a, 11-13 (in *Canis*).—R. Bl., 1888a, 704 (so. *Asc. mystax*).—Braun, 1906a, 336 (to A.).—Brumpt, 1910a, 348.—Cast. & Chalm., 1913a, 546.—Cat. RCSL, 1830, 42 (so. A. *marginata*).—Dies., 1851a, 181 (so. A. *marg.*).—Rud., 1809a, 138 (so. A. *marg.*).—Schneidem., 1896a, 322 (*Lumbrikus*).—Ward, 1895a, 301, 343 (so. A. *my.*) (in *Canis* fam.); 1903l, 223 (to A.).
- canis renalis* Dies., 1851a, 327 (renamed *Eustr. gigas*) (quotes Redi).
- capitatus* Fabr., 1780, 279 [nv.].—Herbst, 1787a, 30 (in Sandufer und unter Steinen).
- ciliatus* Müell., 1774, 30.—Herbst, 1787a, 30 (im norwegischen Meere).
- cirratus* Müell., 1776, 215.—Herbst, 1787a, 30 (in Meersande).—Rathke, 1799, 81.
- communis cyaneus* Hoffmeister.—Waldenström, 1874a, 78-80 (in human vagina) (s. *Allolobophora turgida*).
- complanatus* [nv.].—Aducco, 1889, 54.
- cordis* (Reichard, 1759) Rud., 1810a, 357.
- echinurus* Linn., 1766, 146 [nv.].—Herbst, 1787a, 31.—Pall., 1781c, 63, 79.
- edulis* Pall., 1774, 10-12, pl. 1 fig. 7.—Herbst, 1787a, 31.—Dies., 1851a, 61 (to *Sipunculus*).
- fragilis* Müell., 1788a, 22, pl. 22 figs. 1-3 (quotes *Prodromus*).—Herbst, 1787a, 30.
- gordioides* Hartm., 1821a, 32-50 [nv.].
- gularis-sibirici* Dies., 1851a, 327 (so. *Eustr. gigas*) (quotes Pall., 1780, v. 14, 39).—Dolley, 1894a, 1001 (so. *Eustr. gigas*) (in coati, dog, glutton, Homo, horse, mink, marten, otter, ox, raccoon, seal, weasel, wolf).
- herculeus* [nv.].—Bosanquet, 1894a, 421-433, figs. 1-22 (gregarine of).

LUMBRICUS—Continued.

hydropicus. (See Cestoda.)

inæqualis Müell., 1776a, 216.—Herbst, 1787a, 30.

intestinalis van Hoorn, 1641a [nv.].—Coith, 1734, 1-16.—Daly, 1790a, 1-53.—Huber, 1896, 582.—Hurst, 1752a, 1-28, pl. 1.—Liston, 1905c, 207-208.—Pall., (1760a) 1768a, 258-269.—Silchmüller, 1762a, 1-8.

latus. (See Cestoda.)

latus intestinorum. (See Cestoda.)

lineatus Muell., 1774, 29.—Herbst, 1787a, 30 (am Ufer des Baltischen Meeres häufig im Moose).

longus Kratzenstein, 1748a, [1, description of plate], fig. 5 [nv.].

longus et rotundus Sérapion [nv.].—R. B1., 1888a, 661 (so. *Asc. lumbricoides*).

lupi Wepfer [nv.].—Mol., 1859, 935 (so. *Spiropt. sanguinolenta*).

marinus Linn., 1758a, 648 (in fundo maris sub arena).—Herbst, 1787a, 29.—Rathke, 1799, 76, 147, pl. 2 figs. A & B.

martis et canis renalis Dies., 1851a, 327 (so. *Eustr. gigas*) (refers to *Lumbricus in martis rene* of Redi, 1708a, 309, pl. 9 fig. 1).

melitensis Guthrie, 1799a, 397-409 (in arm of Homo; Russia).

minutus Müell., 1776, 216.—Herbst, 1787a, 30.

muris (Gmel., 1790), Rud., 1809a, 170 (so. *Asc. obtusa*) [nv.] (for *muris-domesticæ-minoris*).—Mol., 1860b, 938 (so. *Spiropt. obtusa*).

muris-domesticæ-minoris Werner, 1782a, 10-11 (in *Mus domestica minor*).

oxyurus Pall., 1774, 16-17.—Herbst, 1787a, 31 (in der See).

papillosus Müell., 1776, 216.—Fabr. 1799a, 151.—Herbst, 1787a, 30.—Rathke, 1799, 76.

phalloides Pall., 1774, 12-15, pl. 1 fig. 8.—Dies, 1851a, 61 (to *Sipunculus*).—Herbst, 1787a, 31.

renalis (Goeze, 1782a and Gmel., 1790a) Kuech., 1855a, 290 (so. *Str. gigas*).—Dungl., 1895a, 651.

renum canis Rud., 1809a, 210 (so. *Str. gigas*) (quotes Hartm., 1685, 149-152, who used de Lumbrico in rene canis sanguineo in 1705a, 149-152).—Cobbold, 1866, 6.—[Redi, 1684a, 208, pl. 8 figs. 1-4; 1708a, 308, pl. 8 figs. 1-4.]

rivalis Fabr., 1780, 278.—Herbst, 1787a, 30.

rotundus Cælius Aurelianus, [nv.].—Rauh, 1779a, 10.—R. B1., 1888a, 661 (so. *Asc. lumbricoides*).

sanguineus in rene canis Dies., 1851a, 327 (so. *Eustr. gigas*) (quotes Hartm., 1705a, 149-152, figs. 18-21).—Dolley, 1894a, 1001 (s. E. g.) (in coati, dog, glutton, Homo, horse, mink, marten, ox, otter, raccoon, seal, weasel, wolf).

teres Tyson, 1683b, 154-161, pl. 1 figs. 1-4 (in Homo) [*Asc. lumbricoides*]; 1700, 130-132; 1731b, 130-132, pl. 3 (in H.), figs. 22-25; 1749b, 131-133, pl. 3 figs. 22-25.—Alexander, 1833a, 319, 322; 1833b, 402, 405; 1836, 25, 26, 35, 38.—R. B1., 1888a, 661 (so. A. I.).—Blumenb., 1825a, 241 (in H.) (so. A. I.).—Clark, 1844a, 384-385 (discharged from urethra).—Dorsten, 1684a, 149.—Gmel., 1738a, 1-28 (in H.).—Mauchart, (1738a).—Posewitz, 1788a, 1-12.—Rauh, 1779a, 10.—Rud., 1809a, 124 (so. A. I.).—Schneid., 1866a, 5.—Vogel, 1772a, 644-645.

[*teres corporis humani* Redi, 1684a, 209, pl. 10 figs. 1-4; 1708a, 310, pl. 10 figs. 1-4.]

teres hominis Rud., 1809a, 124 (so. *Asc. lumbricoides*) (in Homo; by Tyson, 1683b, 154-161, figs. 1-4 [uses *L. teres*]).—Cobbold, 1866a, 5 (so. *lumbricoides*).—Dies., 1851a, 166-167 (so. A. I.).—Dungl., 1893a (1895a), 107, 651 (so. A. I.).

teres vituli Rud., 1809a, 124 (refers to *Vallisneri*) (so. *Asc. lumbricoides*).

terrestris Linn., 1758a, 647-648 (in humo).—Boeck, 1841a, 273-274; 1843a, 287-288.—Clarke, 1857a, 343-351. 1857b, 1-9.—Fagge & Pye-Smith, 1902a, 461, 463 (and *Asc. lumbricoides*).—Herbst, 1787a, 28-29, pl. 3.—Juch, 1742.—Lankester, 1864b, 258-268, pl. 7 figs. 1-13; 1878a, 68-73, pl. 10 figs. 1-6, 10.—Leo, 1820a, 1-38.—Rathke, 1799, 72.—Rhind, 1829a, 139 (in Homo).—Robertson, 1867a, 157-158, figs. 1-2.—Rorie, 1863a, 106-109, pl. 8 figs. 1-4.—Wegelin, 1779a, 8-11 (in H.).

LUMBRICUS—Continued.

- thalassemia* Pall., 1774, 8-9, pl. 1 fig. 6.—Herbst, 1787a, 31 (in der See).
trapezoides Dugès.—Kleinenberg, (1878a); 1879a, 206-244, pls. 9-11 figs. 1-27.
tubicola Müell., 1776, 216.—Herbst, 1787a, 30.
tubifex Müell., 1774, 27-29.—Herbst, 1787a, 30 (auf dem Grunde der Bäche).
variegatus Müell., 1774, 26-27.—Herbst, 1787a, 29 (im Schlamm in Wäldern).—
 Blumenb., 1825, 241.—Hesse, 1902a, 620-622, 1 fig.—Iwanow, 1903a, 327-
 390, pls. 25-26, figs. 1-22; 1904a, 414-415.
vermicularis Müell., 1774, 26.—Herbst, 1787a, 29 (zwischen nassen Blättern und
 in feuchten Stuben).

LUMBRIKUS Schneidem., 1896a, 322 (for Lumbricus).

- Lungenfadenwürmer.—Wenner, 1916, DFZ, 33-34.
 Lungen- und Magenurmseuche.—von Kries, 1913, Zi Schafz.; 1914, BtW, 465.
 Lungenpalisadenwürmer.—Hut. & Mar., 1910b, 69.
 Lungenparasiten.—Hut. & Mar., 1910b, 67, 163.
 Lungenwürmseuche.—Arndt, 1909 VJVBT Preuss., v. 8, 59 (intratracheal injection); 1910, BtW, 235.—Dehne, 1911, BVK Sachs., 60 (Rinder).—Fröhner, 1915a, 738.—Krasparek, 1900.—Knuth, 1912, ZFJ, 364-376 (des Wildes).—Linden, 1911, D. Jägers-Ztg., 619-637; 1912, v. 44, 619-627.—Migge, VJVBT Preuss., 37.—Olt, 1911, v. 87, 297-301 (Reh).—Reeker, 1910, 22-23.—Rich-
 ters, 1913, v. 13, 251-272, figs. 1-15.—Sallac, 1912, 43-56, 171-208, 437-441.—
 VJVBT, Preuss., v. 5 (2), 36-37.
 Lungenwürmer.—Erg. Schl. Fleischbesch. Deutsch. Reiche im J. 1911, Berl.,
 1913.—Edelm., 1903, 215.—Linden & Zenneck, 1913, DtW, 558-560, figs.
 1-8; 1915, CfB, 147-178, pls. 1-4 (development).
 Lungenwurminvasion.—Miller, 1915, DtW, 549-552.
 Lungenwurmkrankheit.—Hut. & Mar., 1910b, 67; 1913a, 72-89.—Fröner, 1915a,
 738, 744, 745 (cattle, sheep), 746 (swine).—Joest, 1908, ZIpKHH, 201-215,
 pls. 11-12 (cattle).—Reeker, 1912, 25-27 (Rehwild).
 Lung parasites.—Freeborn, 1916, Country Gentlem., 889.
 Lung worms.—Cary, 1915, 47-48 (pigs).—Herms & Freeborn, 1916, 1-8, figs. 1-2.—
 Smith, 1916, 239.

LYORHYNCHUS Risso, 1826a, 260 (for Liorhynchus).

LYORHYNCHUS Schneid., 1866a, 13-15, 78 (for Liorhynchus Rud.).—Stiles & Hass., 1905b, 118.

denticulatus (Rud., 1809) Schneid., 1866a, 79, 102 (to Fil.).

lepidopus Risso, 1826a (b), 260 (in intest. du lepidope Perron; App. été).

MACRACIS Gedöelst, 1916, Rza, 77 (tod. monhystera) (Oxyuridae).

monhystera (Linst., 1902) Gedöelst, 1916, 77.

MACROLAIMUS Maupas, 1900a, 578-582 (tod. crucis); 1900, v. 8, 463-624, pls. 1-11.—Stiles & Hass., 1905b, 118.

crucis Maupas, 1900a, 578-582, pl. 26 figs. 4-10 (in terre sablonneuse; Sud-Oranais).—Stiles & Hass., 1905b, 118.

MACROPOSTHONIA Man, 1880a, 58-59 (mt. annulata).—Stiles & Hass., 1905b, 118.
annulata Man, 1880a, 59 (in moist soil; Holland).—Stiles & Hass., 1905b, 118.

MALIS Sauvages.—Chisholm, 1815a, 152 ("Sauvages includes, under the generic name Malis, a number of insects which certainly have no relation to each other"); 1837a, 98.

dracunculus Chisholm, 1815a, 145-164; 1836a, 508-511, 641-645; 1837a, 98-102, 373-376, 557, 561.

MASTIGADES Zed., 1803a, 30 (misprint for Mastigodes).—Stiles & Hass., 1905b, 118.

MASTIGODES Zed., 1800a, 5-6 (=Trichuris, 1761, renamed; hence type hominis=trichiura).—Blainv., 1828, 539 (type lacertæ) (in Lacerta apodis).—Braun, 1903a, 278; 1908a, 311; 1915a, 330.—Deslgch., 1826e, 244.—Hall, 1916a, 20 (so. Trichuris).—Huber, 1896a, 590 (so. Trichoc. hominis).—Küech., 1855a, 235, 238.—Looss, 1902m, 756.—Raf., 1815a, 151 (genus of Filaridia).—Rans., 1911 (127), 111 (so. Trichuris).—Schneid., 1866a, 12.—Simon, 1897, 227.—Sl. & Sw., 1912a, 337.—Stiles & Hass., 1905b, 118.—See also Mastigades, Mastigoides.

MASTIGODES—Continued.

- affinis* (Rud., 1802) Zed., 1803a, 70 (in vervecis et agni intestino cæco).—Hall, 1916a, 28 (so. *Trichuris ovis*).—Rans., 1911 (127), 112 (so. *T. o.*).—Rud., 1809a, 92 (to *Trichoc.*).—Ward, 1895a, 334 (to *Trichoc.*) (in *Bos taurus*). 337 (in *Ovis aries*).
- apri* (Gmel., 1790) Zed., 1803a, 70 (in intestinis apri).—Rud., 1809a, 96 (so. *Trichoc. crenatus*).
- equi* (Schrank, 1788) Zed., 1803a, 70 (in Equus).—Rud., 1809a, 100 (= *Oxyuris curvula*).—Anacker, 1890h, 446.—Dies., 1851a, 141 (so. *O. c.*).—Nev.-Lem., 1912a, 683.—Ward, 1895a, 340 (to *O.*) (in *E. cab.*).
- hominis* (Schrank, 1788) Zed., 1803a, 69 (to *Trichuris*) (in Homo).—Baird, 1853a, 4.—R. Bl., 1888a, 774 (so. *Trichoc. hominis*).—Chiaje, 1825a, 4 (so. *Trichoc. dispar*).—Rud., 1809a, 89 (so. *T. d.*).—Ward, 1903, 216 (so. *Trichoc. trichiurus*).
- lacertæ* (Schrank, 1788) Zed., 1803a, 71 (in *Lacertæ apod. intestinis*).—Rud., 1809a, 98 (so. *Trichoc. echinatus*).
- leporis* Zed., 1803a, 71, pl. 1 figs. 3-5 (in *Lepus intestino cæco; teste Hollstein Beck, 1785a*).—Baird, 1853a, 4.—Hall, 1916a, 24 (to *Trichuris*).—Nordm., 840a, 659 (so. *Trichoc. unguiculatus*).—Rud., 1809a, 93 (so. *T. u.*).
- muris* Zed., 1803a, 70-71 (in *Muris intestino cæco; Goeze, 1782a, 119, pl. 7A figs. 1-5*).—Hall, 1916a, 26 (to *Trichuris*).—Rud., 1809a, 97 (so. *Trichoc. nodosus*).
- simiæ* Zed., 1803a, 70 (in *Simiæ pat. et sylvan. intestino cæco; Treutler, 1793a, 30-32, pl. 4 figs. 11-13*).—R. Bl., 1888a, 774 (so. *Trichoc. hominis*).—Rud., 1809a, 89 (so. *T. dispar*).
- spirillum* (Pall., 1781) Blainv., 1828a, 539 (in *Lacerta apoda*).
- vulpis* (Frœl., 1789) Zed., 1803a, 70 (in *Canis vulpes; Frœl.*).—Rud., 1809a, 94 (so. *Trichoc. depressiusculus*).—Ward, 1895a, 343 (in *C. fam.*).

MASTIGOIDES Lam., 1816, 212 (misprint for Mastigodes).—Stiles & Hass., 1905b, 118.

MASTOPHORUS Dies., 1853a, 34 (type probably echiurus) [not Mastopora Eichw., 1840, mollusk; Mastigophora Poey, 1832, lepidopt.].—Seur., 1916, 358.—Stiles & Hass., 1905b, 119.

echiurus Dies., 1853a, 34 (in *Tenebrio molitor*).—Seur., 1916, 358.

globocaudatus Dies., 1853a, 34 (in *Geotrupes stercorarius*).—Seur., 1915, 563 (in *G. s.*); 1916, 325, 352, 358-359 (s. *Physoc. sexalatus*).—Stiles & Hass., 1905b, 119.

MAUPASIELLA Seur., 1913, BSHnA, 127-130 (2-5) (mt. weissii); 1917, CrSB, 350 (so. Maupasina).

weissii Seur., 1913, 127-130 (2-5), figs. 1-5 (in *Macroscelides rozeti*; Tunis); 1913, CrSB, 326-330 (to Maupasina); 1917, 350.

MAUPASINA Seur., 1913, CrSB, 326-330 (for Maupasiella Seur., not Lacepède Infusoria) (type weissii); 1917, CrSB, 350 (s. Maupasiella 1913) (Heterakidæ) (type weissii).

weissii (Seur., 1913) Seur., 1913, CrSB, 326-330, figs. 1-6; 1914, CrSB, 157; 1914, CrAS, 757; 1917, CrSB, 350-354, figs. 1-2 (in cecum of *Elephantulus deserti*; Matmata, Biskra, Bou-Saâda).—Hall, 1916a, 76.—Maupas & Seur., 1916, 617, 618.

MECISTOCIRRUS Rail. & Henry, 1912, BSPe, v. 5 (1), 37 (tod. digitatus) (subg. of *Nematodirus*) [not *Mecistocerus* Fauv., mollusk]; 1912, 37-38.—Braun, 1915a, 347.—Nev.-Lem., 1914, v. 39 (7), 293, 295-296 (as genus).—Trav., 1914 (34), 5.—Ward, 1916, 698.

didelphis Trav., 1914, Bm, 326(5) to Nem. (M.) (in *Didelphys aurita*; Rio de Janeiro).

digitatus (Linst., 1906) Rail. & Henry, 1912, 37-38 to Nem. (M.), 39 to M. (in Bos; Sumatra).—Nev.-Lem., 1914, v. 39 (7), 295, fig. 2; 1914, 296.

fordi (Daniels, 1908; Leiper, 1911) Rail. & Henry, 1912, 38-39 to Nem. (M.) and to M. (s. *Str. fordii*, *Str. gibsoni*) (in Homo, *Sus scrofa*, *Bos taurus*; Hong-Kong).—Braun, 1915a, 348, fig. 299.—Ward, 1916, 698.

MEDIORHYNCHUS Van Cleave, 1916, 224-225, 230 (tsd. papillosus, designated by Van Cleave in letter to Stiles, Apr. 30, 1917).

grandis Van Cleave, 1916, 226-227, 230, pl. 39 figs. 11-14 (in *Quiscalus quiscula*, *Sturnella magna*; U. S. A.).

papillosus Van Cleave, 1916, 225, 230, pl. 38 figs. 4-9, pl. 39 fig. 10 (in *Myiochanes virens*, *Porzana carolina*).

robustus Van Cleave, 1916, 227, 230, pl. 39 figs. 15, 16 (in *Icteria virens*; Wash., D. C.).

- MELOIDOGYNE Gøeldi, "1887, 67-68"; 1889a, 266; 1892a, 68 (tod. exigua).—Stiles & Hass., 1905b, 119.
- exigua* Gøeldi, "1887": 1889a, Feb. 28, 266-267; 1889b, 839-840; 1889, v. 4 (1), 262-267 (on coffee plants; Brazil); 1894, 452; 1894, 5, 6.
- MENAPETALONEMA Linst., 1878a, 72 (misprint for Monopetalonema).
- MENOPETALONEMA Dies., 1861a, 710 (misprint for Monopetalonema).
- MERMIDACEA Weinl., 1858a, 28 (f. for Mermis).
- MERMIDÆ Fedtsch., 1874a, 60 (f., contains Mermis).
- MERINTHOIDUM Kræmer, 1853a, 291-293 (proposed as an artificial collective group and as such it has no type species).—Stiles & Hass., 1905b, 119.
- mucronatum* Bugnion, 1878a, 249 (so. Mermis chironomi).—Daday, 1913, 265.
- mucronatum chironomi-plumosi* Kræmer, 1853a, 291-293, pl. 11 figs. 9-10, fig. 15 in text.—Stiles & Hass., 1905b, 119.
- MERMIS Duj., 1842a, 117-119 (mt. tod. nigrescens); 1842b, 256; 1842e, 129, pl. 6; 1845a, 294-295.—A. D., & E., 1901b, 8.—Assmuss, 1865, 48, 51-55.—Bail., 1866b, 6, 10.—Bals., 1908, 278.—Ben., 1858a, 1861a, 337.—Bertkau, 1888a, 91-92 (in Tarentula inquilina); 1889a, 638.—Braun, 1895b, 213; 1903a, 252, 253.—Burm., 1856a, 280.—Cam., 1881a, 152.—Carus, 1863, v. 2, 457.—Cast. & Chalm., 1910a, 427.—Chaussat, 1850, v. 1, 129.—Cobb, 1904, PCPS, v. 12, in 363-374, figs. 1-4; 1905, vi, 316.—Corti, 1902a, 106, 107, 110, 111, 112 (g. of Mermithidæ: contains albicans and nigrescens); 1906, 628.—Crepl., 1846b, 177.—Criv., 1845a, 4, 20, 21.—Daday, 1911, Mte, v. 29, 500; 1913, 266-267.—Dav., 1851a, cxiii-cxiv.—F., S., & T., 1916, 469.—Fedtsch., 1874a, 58-60.—Gadeau, 1885a, clx.—Gendre, 1909, v. 2, 106-108 (in Stegomyia fasciata); 1909, v. 7 (12), 544.—Hempelm., 1912a, 101.—Kholodk., 1899a, 184.—Kollar, 1857a, 141.—Køll., 1843a, 84.—Korff, 1907, v. 5, 67-69, fig. 1.—Krefft, 1871a, 210.—Küsch., 1855a, 225.—Lab., 1857a, cxliiii-cxlv (in Asilus crabroniformis); 1862a, 576-578 (in Dytiscus marginalis, Gryllus dom.); 1862b, 255-256 (in D. m.); 1864a, 678.—Leiper, 1912, v. 2 (1), 42.—Leuck., 1863a, 38, 79; 1867b, 14, 21, 24, 39, 43, 46, 53; 1876a, 615, 676; 1879a, 46, 176; 1886d, 35, 137.—Levander, 1904, v. 30, 133-134 (in Culex).—Linst., 1889m, 390-396, figs. 1-8; 1890b, 41; 1891b, 239-249, pl. 12; 1898e, 149-168, pl. 8 figs. 1-22; 1903o, 530; 1905o, 28-80; 1905t, in 355-366, 1 pl.; 1906, MzM, v. 3 (2), 241-248, figs. 1-2; 1907, v. 2 (3), in 1-56.—Lloyd, 1912, v. 2 (1), 41-42 (in Glossina morsitans).—Looss, 1892a, 27-28, 41, 62.—Martini, 1908, v. 32 (19), 559.—Meissner, 1854c, 421-428.—Montg., 1899a, 648.—Mordw., 1908, v. 13 (1-2), 154.—Olss., 1869b, 482, 487.—Pratt, 1916a, 218.—Rhode, 1893b, 41-42; 1892b, 659-664; 1893c, 41-42 (muscle and nerve).—Riley, 1878a, in 326-334, figs. 63-66.—Rollet., 1870a, cxxxiv; 1888a, 677, 678, 679, 680, 684, 685, 686, 688.—Schmassm., 1914, ZA, v. 44, 396-406, figs. 1-7.—Schneid., 1860c, 243-252, pl. 6 figs. 13-18; 1866a, 26, 30, 176-177, 178, 182, 186, 188, 194, 200, 207, 208, 209, 210, 212, 215, 216, 217, 231, 243, 245, 249, 253.—Schultz, 1899a, 255-256; 1899b, 132-133, figs. 1-3; 1900a, 353.—Shipley, 1896a (1901b), 131, 150, 160, 163.—Sieb., 1853c, 201-206; 1854b, 8, 13.—Stiles, 1907b, 49; 1914, MM, v. 2, 271, 295.—Stiles & Hass., 1905b, 119.—Tarnani, 1901b, lxi-lxx (in Melolontha vulg.).—"T., H. J.," 1914, v. 26 (7-8), 186.—Villot, 1874a, 46.—Ward, 1903l, 224; 1916, 703.—Wasmann, 1898b, 19 (in Claviger, Lasius alienus).—Wheeler, 1901, v. 35, 877-886.
- acidaliæ* Dies., 1861a, 610 (in Acidalia delutata; Greifsw.) [Crepl., 1851b, 305].—Linst., 1878a, 310 (in Larentia dilutata).
- acrididarum* Linst., 1897i, 32 (larva in Orthocris sp., Stenobothrus sp.; Madagascar).
- acrididorum* Linst., 1898e, 158.—Berg, 1899a, 138.
- acridiorum* (Weyenb., 1879) Berg, 1899a, 138; 1899, v. 1 (1), 65-68 (in Schistocerca paranensis).
- acuminata* n. sp. Linst., 1883a, 301, fig. 44 (loc. unknown, apparently Turkestan); 1898e, 156-157.—Corti, 1902a, 107.—Daday, 1911, v. 29, 500-501.
- acuminata* (Rud. 1809) Sieb., 1843a, 82; 1850k, 335 (7); 1853c, 204 (so. albicans).—Crepl., 1846b, 177 (in Cordylura pubera, Meloë proscarabæus, Tortrix).—Daday, 1913, 215, 267.—Dies., 1851a, 109-110.—Leidy, 1875e, 400 (Long Island, N. Y.); 1875a, 14-15 (in an apple, and in a child's mouth, see 1850f, 117); 1904a, 135-138.—Lintner, 1879a, 117-126 (5-14) (in Carpocapsa pomonella; N. Y.) (s. ? Fil., hominis oris).—Riely, 1878a, 327 (in Acridium americanum, Caloptenus spretus, C. p., Oedipoda carolina; U. S. A.), 332, 333, 334.

MERMIS—Continued.

- africana* Linst., 1898e, 161, figs. 17–19 (free; Togo, S. W. Africa).
- albicans* Sieb., 1848c, 292–295 (in *Yponomeuta cognatella*; by Sieb.): 1850k, 329; 1853c, 201–206 (in Y. c.; Germany); 1854b, 10, 11, 12, 13 (in Y. evonymella; by Sieb.); 1854, ZwZ, 205; 1855c, 143 (in *Athalia spinarum*, ?*Carpocapsa pomonana*, *Catocala sponsa*, *Cordylura pubescens*, *Cucullia tanacetii*, *Episema graminis*, *Euprepia caja*, *Gastropacha pruni*, *Gomphocerus biguttulus*, G. morio, *Liparis chrysorrhoea*, *Mamestra pisi*, *Mantis religiosa*, *Meloë proscarabeus*, *Notodonta ziczac*, *Penthina salicana*, *Pygæra bucephala*, *Succinea amphibia*, *Tortrix textana*, Y. c., Y. padella, *Vanessa Jo*, *Zygæna minos*).—Amerling, 1859, 102–103 (in apples).—Assmuss, 1858, v. 2, 178–181 (in *Amara similata*, *Apis mellifica*, *Aporia crataegi*, *Calpe libatrix*, *Chrysops cœcetiens*, *Ch. viduatus*, *Cossus ligniperda*, *Cucullia scrophulariæ*, *Ennomos alnaria*, *Hepiolus humuli*; lepidoptera larva, *Leucania album*, L. pallens, *Mamestra persicariæ*, *Mylabris variabilis*, *Odonestis potatoria*, *Oedipoda fasciata*, *Plusia gamma*, *Pyrrhocoris apterus*, *Stenobothrus rufus*, *Syromastes marginatus*).—Bahr, 1916, 107 (in honey bee).—Bail., 1866b, 27.—Ben., 1853, 317.—Bertkau, 1888, 91.—Bugnion, 1879, v. 16, 513–514 (in Y. c.).—Chittenden, 1905, 1–6, fig. 1 (in bees, beetles, *Carpocapsa pomonella*, caterpillars, crickets, *Discosteira carolina*, flies, grasshoppers, katydids, locusts, *Melanoplus differentialis*, M. spretus, *Schistocerca americana*, snails).—Corti, 1902a, 110, 112 (in lepidopt. larva).—Daday, 1913, 215, 225, 230, 239, 266.—Dav., 1851, 103.—Desmoneaux, 1868a, 18.—Fric & Vavra, 1901, 93.—Galeb, 1878b, 336.—Hagmeier, 1912, ZJ, 557–563, pl. 17 figs. 13–15, pl. 21 figs. 48–54 (in *Decticus*, *Forficula*, *Gophilus* sp., *Julus sabulosus*, *Limax agrestis*, *Smerinthus tilia*, *Stenobothrus*).—Hempel., 1912a, 101, 108.—Junkel, 1900, EJ, v. 9, 186–187 (in *Hyponomeuta cagnagellus*).—Korff, 1907, v. 5 (6), 67–69, 1 fig.—Kuech., 1855a, 227, 228, 347.—Leidy, 1856b, 58 (s. elongata, crassicaudata, ferruginea) (in *Orchelium gracile*, *Locusta carolina*; U. S. A.); 1904a, 105–106.—Lespès, 1856a, 336.—Leuck., 1867b, 55, 64, 74, 97.—Linst., 1892g, 498, 510 (s. truncata, Fil. truncata) (in *Nænia typica*); 1898e, 149–152, figs. 1–4 (in ?*Acidalia diluta*, *Agrotis brunnea*, *Amphidasys betularia*, Ap. mel., *Cabera exanthemaria*, Ca. lib., *Carpocapsa pomonana*, *Catocala nupta*, C. paranymphea, C. spo., *Cheimantobia brumata*, ?*Idaria berberata*, *Cordylura pubera*, *Cucullia* sc., C. tan., C. verbasci, *Dasychira salicis*, *Diloba cœruleoc.*, *Ennomos illuminaria*, E. juniperata, ?*Epinephele tithonus*, Epis. g., Eup. caja, *Gastropacha neustria*, G. p., G. rubi, Gomph. big., G. mo., G. parapleurus, *Gryllotalpa vulg.*, *Gryllus parallelus*, ?*Hadena polyodon*, *Hylotoma berberidis*, *Hyponomeuta evonymella*, H. padi, H. variabilis, *Liparis auriflua*, L. chry., *Lophyrus obscuratus*, L. socius, Mam. p., Man. rel., *Meloë* pro., Næn. typ., *Notodonta dromedaria*, N. z., *Ocnieria dispar*, ?*Oedipoda carolina*, Orch. g., Pent. sal., *Pontia crataegi*, *Ptilophora plumigera*, Pyg. buce., *Setina aurita*, *Stenobothrus pratorum*, *Stenopterus rufus*, Su. amph., *Tenthredo ovata*, T. spinarum, *Tortrix heparana*, T. textana, ?*Trachea piniperda*, *Vanessa v.-album*, V. antiopa, V. io, Zyg. min.); 1903o, 529 (in *Agrotis orbana*, *Triphæna subsequa*); 1903u (1904a), 277 (13) (Caspian Sea).—Meissner, 1853a, 207–284, pls. 11–15 figs. 1–55; 1854b, 107–114; 1854c, 421–428.—Menge, 1866, 5.—Pauli, 1868a, 28.—Perez, 1866a, 278.—Rauther, 1906a, 1–76, pls. 1–3 figs. 1–26; 1906b, 672; 1907c, 69–71.—Riley, 1878a, 327–333, 334 (mature sexual form of acuminata, according to some authors) (in *Caloptenus spretus*, C. differentialis, *Lycosa*, *Stenobothrus*, Y. cog.).—Rhode, 1893, 41.—Schneid., 1866a, 20, 177, 178, 195, 209, 240, 258, 274, 305, 306.—Shipley, 1896a, 150 (in caterpillars).—Stein, 1861, 1–6.—Stiles, 1892n, 525.—Thoms., 1855a, 184 (in caterpillars).
- aquatilis* (Duj., 1845) Bugnion, 1878a, 247–255 (anat., blood corpuscles) (s. lacustris) (in larva of *Anopheles*, *Chironomus*, *Tanypus*); 1879, v. 16 (81), 181; 1879, 514; 1880, v. 17 (84), xl.—Corti, 1902a, 111, 112, 113 (s. Fil. lacustris) (to *Paramermis*).—Daday, 1913, 256.—Levander, 1904, v. 30, 134 (in *Tanypus*).—Linst., 1898e, 155–156, figs. 7–10 (Genier See) (in *Tanypus nebulosus*).—Plotnikov, 1901, 247.
- arenicola* Lauterborn, 1906, v. 16 (5–7), 268 (free in water; Johanniskreuz in Pfälzerwald).—Hagmeier, 1912, 574–577, pl. 18 fig. 22, pl. 20 figs. 43, 43a.—Linst., 1907, v. 2 (3), 174.—Schmassm., 1914, ZA, v. 44, 396–398.
- arsenoides* Hagmeier, 1912, ZJ, 563–565, pl. 17 fig. 16, pl. 21 fig. 55.
- australis* Linst., 1898e, 161, figs. 14–16 (New Zealand).
- barbitistidis-autumnalis* Dies., 1851a, 111 (in *Barbitistes autumnalis*; Sieb., 1850k, 333, in Freiburg).

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- blattæ-orientalis* Dies., 1851a, 110 (s. *Fil. rytipleurites*) (in *Blattæ orientalis* larva; by Deslgch., 1824, 396).—Seur., 1916, 352.
- brasiliensis* Linst., 1898e, 159, figs. 11–13 (larva in *Aranea*; S. Brazil).
- brevis* Hagmeier, 1912, ZJ, 544–553, pl. 17 figs. 7–9, pl. 19 figs. 38–39, pl. 20 fig. 40 (in soil; Pforzheimer Fundplatz, Heidelberg).
- chironomi* Dies., 1851a, 111 (larva in *Chironomus* sp.; Sieb. 1848c, 299).—Bugnion, 1878a, 299 (s. *Merinthoideum mucronatum*).—Daday, 1913, 265.—Levander, 1904, v. 30, 134 (in Ch.).
- coccinellæ-septempunctatæ* Dies., 1851a, 110 (in *Coccinella septempunctata*; by Otto).—[Sieb., 1850k, 333 (4).]
- contorta* Linst., 1889m, 391–392, pl. 22 fig. 1 (free; by Linst.); 1898e, 154 (Gœtt.); 1905z, 393, 394 (to *Paramermis*).—Corti, 1906, 628, 629.—Daday, 1913, 215.—Hartmeyer, 1909, 84–85.—Kohn, 1905, v. 15 (3), 213, 214 (1, 2) (to *Paramermis*).—Plotnikov, 1901, 247.—Schneid., 1913, 31.
- costaricensis* Linst., 1898e, 162, figs. 20–22 (Costa Rica) [an *Agamomermis*].
- crassa* Linst., 1889m, 392–396, pl. 22 figs. 2–8 (free; by Linst.); 1892g, 500, 501, 506; 1898e, 153–154 (in *Chironomus plumosus*, Ch. ? *leucopogon*, *Simulia reptans*; Europe).—Daday, 1913, 215, 220, 225.—Hartmeyer, 1909, 84, 85, fig. 3.—Levander, 1904, v. 30, 134 (in C.).—Stiles, 1891g, 165; 1892n, 524–525, figs. 9–12 (in C. p.).
- crassicauda* Daday, 1913, 267 (for *crassicaudata*).
- crassicaudata* Leidy, 1851c, 263 (in a ditch; Penn.); 1856b, 58 (so. *albicans*); 1904a, 63–64, 106.—Daday, 1913, 215, 267 (*crassicauda*).—Linst., 1898e, 157 (Phila.).
- dectici-brevipennis* Dies., 1851a, 111 (in *Decticus brevipennis*; by Sieb., 1850k, 333 (5)).
- drassi* Linst., 1883a, 302, pl. 9 fig. 45 (in *Drassus* sp.?; Turkestan); 1898e, 159. (T.).
- elegans* Hagmeier, 1912, ZJ, 553–557, pl. 17 figs. 10–12, pl. 20 figs. 41–41a, txt. fig. G (in *Decticus*, *Stenobothrus*, and free; Pforzheimer Fundplatz).
- elongata* Leidy, 1851c, 263 (in a ditch; N. J.); 1856b, 58 (so. *albicans*); 1904a, 63, 106.—Daday, 1913, 215, 267.—Linst., 1898e, 157 (N. J.).
- explicans* Fedtsch., 1874a, 58, 68, pl. 14 fig. 16 (See *Durschankul*, Turkestan).—Daday, 1913, 215, 268.—Linst., 1898e, 154 (? so. *paludicola*).
- ferruginea* Leidy, 1851c, 275 (from Brazil); 1856b, 58 (so. *albicans*); 1904a, 65, 106.—Daday, 1913, 215, 267.—Linst., 1898e, 157 (B.).
- formosa* Schmassmann, 1914, ZA, v. 44, 398–399, figs. 1–2 (Silsersee).
- gallerucæ-alni* (Dies., 1851) Dies., 1861a, 610 (in *Galleruca alni*; in Dania).—Linst., 1878a, 303 (in G. a.).
- gammari* Linst., 1892a, 324, 329, 342, pl. 15 figs. 11–12 (in *Gammarus pulex*; Ing.); 1898e, 162 (in G. p.).—Hartmeyer, 1909, 85, fig. 5 (in G. p.).—Seur., 1916, 364 (in G. p.).
- gastropachæ-rubi* Dies., 1861a, 610 (in *Gastropacha rubi*; Greifsw.).—[Crep., 1851b, 304 (in G. r.; by Ploetz).]
- gomphoceri-elegantis* Dies., 1851a, 111 (in *Gomphocerus elegans*; by Charpentier).—[Sieb., 1850k, 334 (6).]
- gomphoceri-viriduli* Dies., 1851a, 111 (in *Gomphocerus viridulus*; by Imhof).—[Sieb., 1850k, 334 (6).]
- gracilis* Linst., 1906, v. 3 (2), 247, figs. 19–20 (larva in Raupen; E. Java).
- hominis oris* (Leidy 1850) F., S., & T., 1916a, 469.
- hyalinæ* Linst., 1891, v. 37, 245–248, pl. 12 figs. 11–14 (larva in *Hyalina cellaria*; Germany); 1898e, 160 (in H. c.; Braunschweig).
- indica* Schultz, 1899a, 132–133, figs. 1–3 (in *Papilio helenus*; India).
- involuta* Linst., 1906, v. 3 (2), 247 (Togo, Amedjowé, W. Africa).—Daday, 1913, 224.
- lacinnulata* Schneid., 1866a, 177, 178 (loc. unknown), pl. 14 figs. 5–7.—Daday, 1911, Mte, v. 29, 501; 1913, 215, 217, 225, 267, 268.—Linst., 1898e, 156; 1902a, 227 (free; Coll. Breslau).—Stiles, 1892n, 525.
- lacustris* (Duj., 1845) Dies., 1851a, 112 (inter folia *Nymphææ*; Rennes).—Assmuss, 1865, 52 (to Fil.).—Corti, 1902a, 111 (so. *Paramermis aquatilis*).
- longissimus* Fedtsch. 1874a, 58–60, pl. 14 fig. 15.—Linst., 1898e, 158 (in *Pachytylus migratorius*; Turkestan).

MERMIS—Continued.

- mantidis-religiosæ* Dies., 1851a, 110–111 (in *Mantis religiosa*; Mus. Freiburg).—[Sieb., 1848c, 297.]
- matulina* Menge, 1866, SnG Danzig, 5–6, figs. 7–8 (in *Chironomus*); [1872], 2.
- micryphantidis-bicuspidati* Dies., 1851a, 112 (in *Micryphantis bicuspidatus*; by Sieb., 1848c, 296).
- mirabilis* Linst., 1903o, 527–529, figs. 1–4 (Wainæ Mountains in Oahu, H. I.).
- nigra* Linst., 1903o, 529, figs. 5–6 (larva from Zomba on Nyassa-See, S. Africa).
- nigrescens* Duj., 1842a, 117; 1842b: 1842e, 133–142, pl. 6 (Rennes); 1845a, 295–296 (in soil, in taupes; Rennes).—Assmuss, 1858, 178 (in *Pezotettix pedestris*; Finstermuenz-Passe), 181 (in *Plusia chrysitis*; Podolski); 1865, 3.—Ben., 1856c, 3–4 (adult free); 1858a, 1861a, 277–278, pl. 24 figs. 10–23; 1861, 277–278, pl. 24 figs. 10–23.—Corti, 1902a, 110, 112 (in orthopt. larvæ).—Crep., 1846b, 177.—Daday, 1913, 220, 222, 223, 233, 235, 239, 266.—Desmonceaux, 1868a, 17.—Dies., 1851a, 108 (s. *Fil. liparidis-chrysorrhææ*, *Gordii* sp., *Mermis euprepia-cajæ*).—Evans, 1915, 360.—Hagmeier, 1912, 566–574, pl. 18 figs. 17–21a, pl. 20 fig. 42.—Iliff, 1867a, xli.—Hempel., 1912, v. 7, 108.—Jäckel, 1867, 53.—Köell., 1843a, 83.—Krämer, 1858, 328–329.—Leuck., 1867b, 87, 96, 97.—Linst., 1892g, 498–512, pl. 28–29 figs. 1–14 (in *Arctia caja*, *Decticus brevipennis*, *Melolontha vulg.*, *Porthesia chrysorrhæa*, *Steteophyma grossum*, *Stenobothrus pratorum*, *S. variabilis*; near Gœtt.; 1893d, 188; 1898e, 152–153, figs. 5–6; in ? *Barbistides autumnalis*, ? *Blatta orientalis*, ? *Coccinella septempunctata*, *Dect. brev.*, *D. verrucivorus*, *Euprepia caja*, ? *Galleruca alni*, *Gomphocercus parapleurus*, *G. morio*, *G. sibiricus*, ? *G. viridulus*, ? *G. elegans*, *Liparis chrysorrhæa*, *Locusta viridissima*, ? *Mantis religiosa*, *Melolontha vulg.*, *Oedipoda stridula*, *Sten. pr.*, *S. biguttatus*): 1903o, 527, 529 (in *Forficula acanthopygia*); 1905z, 393, 394, 395, 396.—Meissner, 1855, 8–47, pls.—Pauli, 1868a, 27.—Rans., 1909 (69), 19.—Schneid., 1860, 243–252; 1866a, 176, 177–178, 186, 193, 195, 208, 209, 248, 286, 292, 306, pl. 14 fig. 4, pl. 15 figs. 9–10, pl. 16 fig. 11.—Shipley, 1896a, 150 (in damp soil).—Sieb., 1850c, 662; 1850, 331–336; 1855c, 143; 1858, 328–329.—Southern, 1914a, 68 (Co. Mayo).
- nigricans* Leuck., 1867b, 53, 74 (for *nigrescens*?).
- notodontæ-dromedarii* Dies., 1851a, 111 (in *Notodontæ dromedarii* larva; teste Sieb., 1848c, 298, quotes Lyonet, v. 20, 31, pl. 37 fig. 15).
- novæ-zealandiæ* Cobb, 1904, PCPS, v. 12, 366, 368–369 (in fresh water; Lakes Taupo, Waikaremoana, New Zealand).
- nycteribiæ* Kolenati, 1857e, 67.—Speiser, 1900b, 29 (cf. Arthror.) (on *Nycteribien* (apparently *Penicillidia conspicua*; from Serbia; by Kolenati); 1901, 19.
- pachyderma* Linst., 1906, v. 3 (2), 248, figs. 23–24 (an *Agamomermis*, in *Schistocerca paranensis*; Buenos Aires).—Daday, 1913, 224.
- pachysoma* Linst., 1905f, 358–359, pl. 23 fig. 3 (in *Vespa germanica*; Coll. Shipley).
- paludicola* Linst., 1883a, 300–301, pl. 9 figs. 42–43 (apparently Turkestan); 1898e, 154 (s. ? *explicans*) (T.).—Corti, 1902a, 112.—Daday, 1911, Mte, v. 29, 501–502; 1913, 215, 218, 225, 267, 268.—Stiles, 1892n, 525.
- piscinalis* Linst., 1904o, 490 (in water; near Saratow); 1907, Apr., v. 2 (3), 174.—Daday, 1911, Mte, v. 29, 502; 1913, 216, 267, 268.
- polyodontis* Dies., 1861a, 610 (*Polyodontis* spec. in larvæ abdomine; Wien, Frauenfeld, 1853, 127).
- præmatura* Linst., 1897i, 32, pl. 4 fig. 13 (in *Stenobothrus* species; Madagascar); 1898e, 158 (in S.; M.).
- ptilophoræ-plumigeræ* Dies., 1861a, 610 (in *Ptilophora plumigera*; Wien, Frauenfeld, 1853b, 124).
- quadripartita* Linst., 1906, v. 3 (2), 247, fig. 18 (a larva in *Phasma*; Reunion Isl.).
- quadristriata* Menge, 1872, SnG Danzig, v. 3 (T), 1–2 fig. 1 (in Bernstein).
- rigidus* Baird, 1853a, 35 (Ing.); 1853, 19, pl. 30 fig. 2 (host and loc. unknown).—Dies., 1861a, 610 (*rigida*).—Kreft, 1871a, 211.—Linst., 1898e, 160.
- robusta* Leidy, 1856b, 58 (s. *Fil. lycosæ* (in *Lycosa scutulata*, L. sp.; N. J. & Penn.)).—Linst., 1898e, 159.
- rotundata* Linst., 1883a, 301–302 (apparently Turkestan); 1898e, 157 (T.).—Daday, 1911, Mte, v. 29, 502; 1913, 215, 267, 269.
- setiformis* Linst., 1879a, 182–183, pl. 12 fig. 30 (host and loc. unknown); 1898e, 160.

MERMIS—Continued.

- sialidis* Linst., 1892a, 329-342, pl. 15 fig. 13 (in *Sialis lutaria*; lng.); 1898e, 162 (in S. l.; Gøett.).—Hartmeyer, 1909, 85, fig. 4 (in S. l.).—Levander, 1904, v. 30, 134 (in S. l.).—Seur., 1916, 364 (in *S. flaviventris*).
- simulix-reptantis* Dies., 1851a, 111 (in *Simulia reptans*; Sieb., 1848c, 299).—Baylis, 1913, v. 17, 392.—Daday, 1913, 265.—Edwards, 1913, v. 17, 391-392.—Swinton, 1913, v. 17, 391-392.
- species Ben., 1853i, 317-325 (after a rain, from hanneton; Louvain).
- species Bertkow, 1888a, 91 (in *Tarentula inquilina*).
- species Crep., 1851b, 304-305 (in *Gastropacha rubra*; by Plötz).
- species Daday, 1910, SAW Wien, v. 119, 576 (Goz Abu Guma).
- species Kollar, 1857a, 141 (in *Laubfrosche*; by Erbe).—Dies., 1861a, 611 (in *Dendrohyas viridis*).
- species Lab., 1857a, cxliii-cxliv (in *Asilus crabroniformis*; Remiremont).
- species Lab., 1862a, 577-578 (in *Dytiscus marginalis*; Coll. Lab.), 576-577 (in *Gryllus dom.*; Agen, Lot-et-Garonne).
- species Lab., 1862b, 255-256 (in *Dytiscus marginalis*).
- species Lab., 1864a, 678 (in *Mantis*; New Caledonia).
- species Lauterborn, 1904 (for 1903), 118-119 (free; bei Johanniskreuz) (see *arenicola*).
- species Lauterborn, 1906, v. 16 ? (5-7), 268 (in *Hyla arborea*).
- species Linst., 1888a, 302 (in *Latrodectes* sp.).
- species Sieb., 1848c, 299 (larva in *Chironomus*).
- species Strickland, 1911, v. 21 (5), 307-318; figs. 5, 7, 9 (in larva of *Simulium hirtipes*; Mass.).
- species Wheeler, 1901, Amer. Nat., 880-883 (in *Pheidole commutata*; Tex.), fig. C.
- spiralis* Baird, 1853a, 35, pl. 1 fig. 1 (in grasshopper; Rio de Janeiro).—Dies., 1861a, 609 (in *Locusta* sp.; R. de J.).—Linst., 1898e, 158 (in *Locusta*; R. de J.).
- subtilis* Schmassm., 1914, ZA, v. 44, 399-401, figs. 3-4 (Luernersee).
- succinea* (Dies., 1851) Assmuss, 1865, 52 (to Fil.) (so. *Mermis albicans*).
- tenerrima* Crep., 1851b, 305 (in *Acidaliæ delutata* larva; by Crep.).
- tenuissima* Crep., 1851b, 305 (in *Acidaliæ delutata* larva; by Crep.).
- tenuis* Hagmeier, 1912, ZJ, 541-544, pl. 17 figs. 5-6, pl. 19, figs. 37-37a, Txt., fig. C.
- terricola* Hagmeier, 1912, ZJ, 535-540, pl. 17 figs. 1-4, pl. 19 fig. 36, Txt. figs. A-B (in soil; Am Pforzheimer Fundplatz).—Schmassm., 1914, ZA, v. 44, 401.
- tracheæ-piniperdæ* Dies., 1861a, 610 (in *Trachea piniperda*; Wien, Frauenfeld, 1853b, 128).
- truncata* (Rud., 1809), Sieb. [nv.].—Linst., 1892g, 510 (so. *albicans*).
- truncatula* (Rud., 1819) Dies., 1861a, 609 (in *Phalangium cornutum*, *P. opilio*; Europe).—Linst., 1898e, 158 (in *P. c.*, *P. o.*).
- MERMITHEA Dies., 1861a, 605 (f. of *Nematoda aprocta*; contains *Mermis*, *Sphærolaria*).—Assmuss, 1865, 51-55.—Carus, 1863, v. 2, 465 (f., contains M.).
- Mermithes Meissner, 1854b, 107-114 (refers to *Mermis albicans*).
- MERMITHIDÆ Braun, 1883a, 160.—Cast. & Chalm., 1913a, 522, 543.—Corti, 1902a, 112-113 (contains *Mermis*, *Paramermis*, *Hydromermis*).—Daday, 1911, v. 29 (3), 450-514, pls. 2-5, figs.; 1913, v. 27, 214-281 (contains *Neomermis*, *Mesomermis*, *Limnomermis*, *Pseudomermis*, *Bathymermis*, *Param.*, *M.*, *Hydrom.*, *Eumermis*); 1914, JRMS, 173-174.—F., S., & T., 1916a, 469.—Hartmeyer, 1909, 84-85, figs. 1-5.—Leuck. 1886d, 90.—Rollest., 1888a, 686.—Shipley, 1896a (1901b), 150, 163.—Sl. & Sw., 1912a, 312.—Stiles, 1907b, 50; 1907c, 53; 1914, MM, v. 2, 296, 297.—Ward, 1916, 692.
- Mermithide Schmassm., 1914, ZA, v. 44, 404.
- species Schmassm., 1914, v. 44, 404-405, fig. 7 (genus uncertain) (*Silvaplannersee*).
- Mermithiden (German vernacular name for Mermithidæ).—Hagmeier, 1912, ZJ, v. 32 (6), 521-612, figs. a-g, pls. 17-21 figs. 1-55.—Daday, 1913, v. 27 (3), 214-272; (4), 273-281, pls. 1-4 (fresh water).—Hoimæn., 1913, v. 20, 282-286, fig. 1.—Schmassm., 1914, ZA, v. 44 (9), 396-406, figs. 1-7.
- MERMITHINÆ Corti, 1906, 631 (contains *Mermis*, *Neomermis*, *Paramermis*).

- MERMITIDÆ** Claus, 1885a, 297 (f. of Nematodes) [see also Mermithidæ].—Mordw., 1908, v. 13 (1-2), 147.—Stiles, 1907b, 50; 1907c, 53; 1914, MM, v. 2, 296, 297.
- MEROMYAIRES** Galeb, 1878b, 308, 311, 380 (see *Meromyarii*).
- MEROMYARI** Schneid., 1866a, 23-29 (contains *Nematoxys*, *Oxysoma*, *Oxyuris*, *Labiduris*, *Dermatoxys*, *Atractis*, *Spiroxis*, Str., *Pelodera*, *Leptodera*). 199, 331.—Cobbold, 1879b, 4.—Rollest., 1888a, 677, 686.—Shipley, 1896a (1901b), 129, 137, 142.
- MESOMERMIS** Daday, 1911, Mte, v. 29, 491; 1911, v. 19, 516-517; 1913, 243, 257 (type?) (*Mermithidæ*).
- lacustris* Daday, 1911, v. 29, 491-492, p. 3 figs. 1-2; 1911, v. 19, 517-518; pl. 16 figs. 10a-b (*Vierwaldstætter-See*); 1913, 224, 233, 257-258, pl. 3 figs. 1-2, 259.
- virginiana* Cobb, 1914, TAMS, v. 33 (2), 117-119 (38, 83-85, 96, 98), pl. 7 fig. 18, pl. 8 fig. 24 (in cranberry bog; Arlington Farms, Va.).
- zschokkei* Daday, 1911, v. 29, 492-493, pl. 2 figs. 12-13; 1911, v. 19, 518-519, pl. 16 figs. 11a-b (*Vierwaldstætter-See*); 1913, v. 19, 223, 238, 232, 258-259, pl. 2 figs. 12, 13.
- METALINHOMÆUS** Man, 1907, 241-242 (mt. typicus); 1907, v. 20, 33, 81 (tod. typicus).
- typicus* Man, 1907, v. 10, 242 (*Côtes de l'Escaut Oriental*, Ierseke); 1907, v. 20, 33, 82-84, 87, pl. 3 fig. 16e, g, i, pl. 4 fig. 16, 16a, d, f, h (free; E. O., I.).—Savelev, 1912, 119.
- METASTRONGYLIDA** Mol., 1861a (b), 437, 587 (13, 163) (f., contains *Metastr.*, *Prosthecosacter*).
- METASTRONGYLIDÆ** Leiper, 1908 (3), 190, 191 (contains *Trichostrongylinae*, *Metastrongylinae*).—Hall, 1916a, 106, 107, 162, 163, 177; 1916b, 518.—Lane, 1917, IJMR, 422, 423.—Rail., 1915, 505, 506; 1915, 744, 747.—Rail. & Henry, 1910, 311; 1912, 563.—Trav., 1914, Bm, 325 (3, 4).
- METASTRONGYLINÆ** Leiper, 1908 (3), 191 (contains *Metastr.*, *Protostr.*, *Pseudalius*, *Pharurus*).—Brumpt, 1910a, 363; 1913a, 427.—Cast. & Chalm., 1913a, 551.—Hall, 1916a, 162-163; 1916, RMv, 519.—F., S., & T., 1916a, 432.—Lane, 1917, IJMR, 422, 423.—Nev.-Lem., 1912a, 643.—Rail. & Henry, 1909a, 85-88; 1909b, 168; 1910, 311; 1912, 563, 564, 566 (contains *Filaroides*, *Crenosoma*, *Dictyocaulus*, *Metastr.*, *Synthetocaulus*, *Hæmostr.*).—Rans., 1911a, 14, 26, 47-49, 54, 69, 82, 86, 98, 99 (subf. of *Strongylidæ*, contains *Metastr.*, *Hæmonchus*, *Ostertagia*, *Cooperia*, *Nematodirus*, *Trichostr.*), 124.—Trav., 1914, 3.—Ward, 1916, 697.
- METASTRONGYLOIDEA** Lane, 1917, IJMR, 422 (superf. of *Strongylata*).
- METASTRONGYLUS** Mol., 1861a(b), 437, 588-594 (13, 164-165, 168-169) (tsd. paradoxus cf. apri).—Braun, 1915a, 344.—Brumpt, 1910a, 333, 471; 1913a, 533.—F., S., & T., 1916a, 432.—Gedøelst, 1911a, 116.—Hall, 1916a, 150, 158, 162.—Nev.-Lem., 1912a, 644.—Pearse, 1916, v. 6, 480.—Rail. & Henry, 1907, CrSB, 751-752; 1909a, 86, 87; 1912, 566.—Rans., 1911a, 47, 124.—Sl. & Sw., 1912a, 324-325, 376.—Stiles, 1902bh, 185 (type paradoxus); 1903k, 14; 1914, MM, v. 2, 271.—Stiles & Hass., 1905b, 119.—Trav., 1914, 4.—Ward, 1916, 697.
- apri* (Gmel., 1790) Rail. & Henry, 1907a, 751 (s. Str. paradoxus) (in Homo, porc dom., sanglier).—Braun, 1915a, 344, fig. 296.—Brumpt, 1910a, 471.—Cast. & Chalm., 1910a, 430, 499.—Craig, 1915, 507 (treatment).—Daniels, 1914a, 141.—F., S., & T., 1916a, 432, 433, fig. 308.—Gedøelst, 1911a, 116, fig. 153 (in swine, sheep, man).—Hut. & Mar., 1913b, 74.—Leiper, 1913, 280.—Mote, 1914, 29, 31, 42, 43, fig. 12.—Nev.-Lem., 1912a, 686.—Sl. & Sw., 1912a, 324, 325, 403, fig. 183.—Stiles, 1914, MM, v. 2, 302.—Ward, 1916, 697.
- arnfieldi* (Cobbold, 1884) Sl. & Sw., 1912a, 375, 403, fig. 205.
- breviraginus* Rail. & Henry, 1907a, 751, 752 (in porc dom.; lng.; 1911, 695 (in porc; Annam).—Braun, 1915a, 345.—Gedøelst, 1911a, 116 (in hog).—Hut. & Mar., 1913b, 74 (in Hausschwein).—Nev.-Lem., 1912a, 687.—Rail., 1915, 744 (in pig); 1915, 505.—Wolffh., 1911, 62.
- costellatus* (Duj., 1845) Mol., 1861a (b), 592 (168) (in *Lemmus arvalis*).—Hall, 1916a, 150 (to *Heligmosomum*).—Stoss., 1899d, 88 (34) (s. Str. polygyrus).
- depressus* (Duj., 1845) Mol., 1861a (b), 593 (169) (in *Sorex tetragonurus*; Rennes).—Stoss., 1899d, 82 (28).
- elongatus* (Duj., 1845) Rail. & Henry, 1911, BSPe, 695 (in porc; Annam); 1912, 563, 566.—Brumpt, 1913a, 533.—Rail., 1915, 744 (in pig); 1915, 505.

METASTRONGYLUS—Continued.

- filaria* Marshall, 1904a, 182 (in sheep; Montana).—Sl. & Sw., 1912a, 374, 403.
- gracilis* (Leuck., 1842) Mol., 1861a (b), 594 (170) (in *Myoxus glis*; Brissavia).—Hall, 1916a, 153 (to *Heligmosomum*).—Stoss., 1898c, 86 (so. *Str. myoxi*); 1899d, 83 (29) (so. *S. m.*).
- laevis* (Duj., 1845) Mol., 1861a (b), 592 (168) (in *Lemmus subterraneus*, *Mus sylvaticus*, *Myoxus nitela*; Rennes).—Hall, 1916a, 153 (to *Heligmosomum*).—Stoss., 1899d, 88 (34) (so. *Str. polygyrus*).
- longicarinatus* (Dies., 1851) Mol., 1861a (b), 589-590, 630 (165-166), pl. 8 fig. 7 (in *Homo*; Clausiopolis).—R. Bl., 1888a, 740 (to *Str.*).—Leiper, 1913, 280, figs. 26-28.—Linst., 1878a, 1 (in *Homo* (to *Str.*)).—Rail. & Henry, 1907a, 751 (so. apri); 1912, 563.—Stoss., 1899d, 90 (36) (so. *S. paradoxus*).—Ward, 1895a, 331 (to *S.*) (in *H.*).
- micrurus* (Mehl., 1831) Sl. & Sw., 1912a, 374, 403.
- minutissimus* (Mégn., 1878) Sl. & Sw., 1912a, 374.—Hall, 1916a, 166 (so. *Synhetocaulus rufescens*).
- minutus* (Duj., 1845) Mol., 1861a (b), 593-594 (169-170) (in *Lemmus arvalis*, *L. subterraneus*, *Mus sylvaticus*; Rennes).—Hall, 1916a, 151 (to *Heligmosomum*).—Stoss., 1899d, 76 (22) (to *Str.*).
- paradoxus* (Mehl., 1831) Mol., 1861a (b), 591 (167) (s. *Gord. pulmonalis*, *Asc. filif. cauda rotundata*, *Asc. apri*, *A. bronchiorum suis-dom.*, *Fus. apri*, *Str. suis*, *S. elongatus*) (in *Sus scrofa dom.*; Paris, Ireland).—Braun, 1915a, 344.—Brumpt, 1913a, 533.—Hall, 1916a, 150.—Stoss., 1899d, 90 (36) (to *Str.*).—Ward, 1895a, 331, 337 (to *Str.*) (in *Homo*, *Ovis aries*); 1903l, 219 (so. *S. apri*).
- polygyrus* (Duj., 1845) Mol., 1861a (b), 592-593 (168-169) (in *Lemmus arvalis*, *Mus sylvaticus*).—Hall, 1916a, 158 (to *Viannaia*).—Stoss., 1899d, 88 (34) (to *Str.*).
- pulmonaris* (Erc., 1859) Sl. & Sw., 1912a, 375, 403.
- pusillus* (Müell., 1890) Sl. & Sw., 1912a, 375, 403.
- rufescens* (Leuck., 1865) Sl. & Sw., 1912a, 374, 403.

METRASTRONGYLUS Trav., 1914, 4 (misprint for *Metastr.*).

MICROCEPHALUS Romanovitch, 1915, CrSB, v. 78 (14), 451-452 (tod. *longissime spiculatus*) [not *Microcephalus* Less., reptile; Latr. 1825, coleopt.; van der Wulp., 1873, dipt.].

longissime spiculatus Romanovitch, 1915, 451-452 (in intest. *Tarandus rangifer*; Tobolsk).

Microfilare (see also *Microfilaria*).—Mathis & Léger, 1911, 431 (in *Buffelus indicus*, *Mus decumanus*).

Microfilaires (see also *Microfilaria*).—R. Bl., 1905, 525 (quotes Le Dantec).—Brumpt, 1910a, 435.—Gauthier, 1905, CrSB, v. 58, 632-634.—Léger, 1913, BSPE, v. 6, 359-367 (in birds; Haut-Sénégal et Niger).—Roussel & Fourcade, 1914, RMA, v. 2, 247-251 (in troops); 1914, v. 4 (3), 124-125.—Yakimoff, 1914, BSPE, v. 7 (3), 188-189 (dom. animals; Turkey).

MICROFILARIA Cobbold, 1880k, 130-132 (*Micro-Filariae*) [collective group].—Bach, 1913, CfB, v. 70, 50-60.—Balfour, 1910, v. 5 (4), 642-645, 1 fig (Fil. *sanguinis equi africana*); 1911, 351-352, pl. 17 fig. 3 (in blood of *Lepus hawkeri*; Jebelain, on White Nile).—Berke, 1911, CfB, v. 58, 326-330, 1 pl. (in *Haushuhn*).—R. Bl., 1905, 525.—Brochard, 1910, v. 3 (3), 138-142 (in *Homo*).—Cardamatis, 1909, BSPE, v. 2, 268 (in birds); 1909, BIP, v. 7 (24), 1059; 1909, v. 17 (40), 367.—Carini & Maciel, 1917, 1-8; 1917, BIP, 411 (Brazil).—Cast. & Chalm., 1910a, 407, 408, 425, 448; 1913, 522.—Fröhner, 1915a, 433.—Fülleborn, 1908, v. 55 (24), 1307; 1909, BIP, v. 7 (7), 311; 1910, L, v. 179, 835; 1911, AST, v. 15, 368; 1912, CfB, v. 65, 349-352, fig. 1 (in dog); 1913, 1-72, pls. 1-8; 1914, CfB, v. 73, 427-444, fig. 1.—Gauthier, 1905, CrSB, 632-634; 1905, 635; 1905, (July 31) 582; 1905, June 30, 535-536; 1906, CfB, v. 37, 752.—Hall, 1916a, 179, 188, 189, 190.—d'Hérèlle & Seidelin, 1909, CrSB, 409-411, fig. 1 (in serpents).—Hut. & Mar., 1913a, 929, 933.—Kerandel, 1909, 204.—Küelz, 1914, v. 18, 248-250.—Léger, 1917, BSPE, v. 10, 100-109 (in *Ardea goliath*, *Gallinago nigripennis*, *Crateropus platycercus*; Senegal).—Magal., 1878b, 13-14.—Mans., 1880c, 130-140, pls. 8-10; 1907, 594.—Mathis & Léger, 1911, 434 (in *Turtur humilis*), 437 (in *Rana tigrina*).—Migone, 1916, BSPE, 363 (in *Caiman sclerops*, *Canis jubatus*, *Hydrochirus capybara*, *Myocaster coypus*).—Pearse, 1916, v. 6, 491.—Pittaluga, 1912, v. 8 (30), 78-92 (Guinea española).—Rail., 1915, 509.—Rodenwaldt, 1908, AST, 389

MICROFILARIA—Continued.

- (Mikrofil.); 1909, v. 43 (9-12), 346-347; 1909, v. 13 (7), 215-220, pl. 4 figs. 1-6; 1914, v. 18 (6), 211 (Mikrofil.).—Rosenbusch, 1916, CfB, v. 43-45, 1 pl. (Argentina); 1917, TDB, 122. —Sl. & Sw., 1912a, 348.—Stiles, 1907b, 40, 46 (collective group of larval filaria in the blood); 1914, MM, v. 2, 271, 305.—Suldey, 1914, BSPE, v. 7, 70-71 (in caméléon).—Tribondeau, 1903a, 996.—Ward, 1916, 682, 689. —Yakimoff, 1916, BSPE, 219-226, pl. 7 figs. 1-5 (Turkistan); 1917, *ibid.*, v. 10, 105 (in *Rana viridis*).
- In Homo: Fülleborn, 1908, v. 4 (4), 101; 1908, DmW, v. 34, 853; 1908, v. 79, 542; 1909, CfB, v. 42, 801; 1912, v. 16, 533-547, 1 fig.
- bancrofti* (Cobbold, 1877g) Mans., 1907, 4th ed., 594, 595, 597, 598, 601, 602, 644, 645, 646, 647, 678, 682, 683, 794, pl. 5 fig. 73, fig. 1, pl. 6 fig. 1, 35, fig. 74, a. c. d (in Homo).—Breinl, 1912, 18-23, pl. 6.—Cast. & Chalm., 1910a, 415, 424; 1913a, 530, 539.—Delanoe, 1914, BSPE, 123.—F., S. & T., 1916a, 398, 400, figs. 282-283.—Foley, 1913, v. 27 (1), 50-68, figs. 1-8, pl. 3 figs. 1-9.—Hut. & Mar., 1913a, 929.—Lebœuf & Javelly, 1911, v. 4 (4), 202-204.—Looss, 1914, v. 2, 442.—Mesnil, 1911, v. 4 (4), 204.—Nicolot, 1910, v. 3 (6), 399-401.—Seur., 1916, 359.—Simond, Noc, & Aubert, 1909d, 320; 1909, v. 45 (6), 176-177.—Ward, 1916, 686.
- beaujeani* Mathis & Léger, 1911, 412, 432, pl. 14 fig. 13 (in *Athene cuculoides*; Tonkin).
- bouffardi* Mathis & Léger, 1911, 414, 433, pl. 14 fig. 14 (in *Pica caudata*; Tonkin).
- bourreti* Mathis & Léger, 1911, 413, 433 (in *Copsychus saularis*; Tonkin); 1911, CrSB, 61-62 fig. 4 (in blood of C. s.; T.).
- brimonti* Mathis & Léger, 1910, CrSB, v. 69 (24), 32 (in blood of *Ixus hainanus*; Tonkin); 1911, 412-413, 432, pl. 14 fig. 9 (in I. h.; T.).
- bufonis* (Leiper, 1908) Lebœuf & Ringenbach, 1910, Adl'IP, 950-951, pl. 17 fig. 1 (in *Bufo regularis*; Congo).—Seur., 1916, 359.
- bycanisti* Ringenbach, 1914, BSPE, 297-298 (in *Bycanistes albotibialis*; Congo).
- camelensis* Balfour, 1911, RWRL, 350.—Leiper, 1912, v. 1 (2), 114 (so. *evansi*).—[Mason, 1911, JCPT.]—Yakimoff & others, 1916, BSPE, 225, 226 (in chameau; Egypt).
- capsulata* (A., D., & E., 1901) Kerandel, 1909, v. 2, 208.
- chlamydosauri* (Breinl, 1912) Breinl, 1912, 47, pl. 10 fig. 4.
- demarquaii* (Galgey, 1899) Mans., 1907, 4th ed., 595, 644, 646-647, fig. 73c, pl. 5 fig. 4.
- demarquayi* (Mans., 1897) Looss, 1914, HdT, v. 2, 443.—Neum. & Mayer, 1914, v. 11, 68, 377.—Rodenwaldt, 1914, 1.—Ward, 1916, 682, 683, 688, fig. 4086.
- demarguii* Zur Werth, 1909, MmW, 732 (in *Anopheles maculipennis*; *Stegomyia fasciata*) (misprint for *demarquayi*).
- diurna* (Mans., 1891) Shipley & Fearnside, 1906b, 18 (so. *Fil. loa*).—Aubert & Heckenroth, 1913, BSPE, 457-459.—Burrows, 1910, v. 13 (4), 40-50 (relation to *Fil. loa*).—Cast. & Chalm., 1910a, 421; 1913a, 536, 538.—Daniels & Stanton, 1907a, 121.—Fanth., Steph., & Th., 1916a, 412, 414.—Foley, 1913, v. 27, 50-68, 1 pl. figs. 1-8.—Fülleborn & Kûelz, 1912, v. 16 (6), 197-198 (cf. *loa*).—Guiart, 1910a, 451.—Hut. & Mar., 1913a, 929.—Léger, 1914, 79 (Bamako, Fr. Soudan).—Mans., 1907, 4th ed., 677, 678, 684, 685.—Marchoux, 1910, v. 18 (98), 925.—Neum. & Mayer, 1914a, 374, 375, 377, 378, 379, 381, 387, 391, 394.—Ringenbach & Guyomarch, 1914, BSPE, 619-626.—Rodenwaldt, 1908, AST, v. 12 (10), 1-30 (389-418), pl. 1-4; 1909, MmW, v. 56 (14), 732; 1909, AST, v. 13, 215-220, pl. 1; 1909, CfB, v. 43 (9-12), 346-347; 1909, BIP, v. 7 (7), 306-310; 1909, DmW, v. 35 (17), 770; 1914, 1.—Seur., 1916, 359.—Stiles, 1907b, 42 (so. *Fil. loa*).—Ward, 1916, 682, 683, 686, 687, fig. 4086.—Zur Werth, 1909, MmW, 732.
- equi sanguinis africana* Balfour, 1910, JTMH, v. 13, 98; 1910, JTVS, v. 5 (4), 645 (for *Fil. sanguinis equi africana* Martini).
- evansi* (Lewis, 1882) Yakimoff & others, 1916, BSPE, 225, 226.
- guidi* Mathis & Léger, 1911, CrSB, 60-62, fig. 2 (in *Leptotilus* sp.; Tonkin); 1911, 411, 435, pl. 14 fig. 6 (in L. sp.; T.).
- gigas* (Prout, 1902) Fülleborn, 1913, 315-316.—Looss, 1914, v. 2, 443.
- gymnorhina* Gilruth, Sweet, & Dodd, 1910, PRSV, v. 23, 236-239, pl. 30 figs. 1-3 (in *Gymnorhina tibicen*; Zool. garden, Melbourne, Australia).
- hæmorrhagica* (Rail, 1885) Romanovitch, 1916, CrSB, 744-745.

MICROFILARIA—Continued.

- immitis* (Leidy, 1856) Neum. & Mayer, 1914a, 370, 383, 406.—Yakimoff & others, 1917, BSPE, v. 10 (2), 102–104 (Russian Turkestan).
- [*imperatoris* d'Herelle & Seidelin, 1909, CrSB, v. 67 (29), [410], fig.]
- kerandeli* Brimont, 1909, CrSB, v. 67 (26), 170 (in blood of *Bradypus tridactylus*; Guyane).
- lasneti* Mathis & Léger, 1911, CrSB, 60–62, fig. 1 (in blood of *Coturnix maculosus*; Tonkin); 1911, 410, 435, pl. 14 fig. 8 (in *Turnix maculosus*; T.).
- loa* (Cobbold, 1864) Mans., 1907, 4th ed., 595, 644, 646, 679, 682, 683, fig. 73b, pl. 5 fig. 3, pl. 6 figs. 2, 4, 6.—Cast. & Chalm., 1910a, 423; 1913a, 536.—F., S., & T., 1916a, 398.—Fülleborn, 1914, AST, v. 18 (7), 232–234, 1 fig. pls. 3–4 figs. 1–3, 1–4.—Hut. & Mar., 1913a, 929.—Looss, 1914, v. 2, 442.—Meinhof, 1913, 1–62 (Klinik, Morphologie); 1913, AST, v. 17, 77–130 (5–58), pls. 1–8, figs.; 1913, AST, v. 17 (2), 73–130, figs. 1–2.
- magalhaensi* Moniz, 1913, Bm, 206 (for magalhãesi).
- magalhensi* Moniz, 1914, BIP, v. 12 (2), 71 (misprint for magalhãesi).
- marchouxi* Mesnil & Brimont in Brimont, 1909, CrSB, v. 67 (26), 170 (in blood of *Midas midas*; Guiana).
- martini* Lebœuf & Ringenbach, 1910, Adl'IP, 951, pl. 17 fig. 2 (in *Gerrhosaurus nigrolineatus*; Congo).
- matmatae* Weiss, 1914, Adl'IP, Tunis, v. 9 [n.v.].—Seur., 1914, CrSB, 524 (probably larva of *Acanthocheilonema weissi*).
- medinensis* (Linn., 1758) Neum. & Mayer, 1914a, 574.
- megalæmæ* Mathis & Léger, 1911, 411–412, 434, pl. 14 fig. 15 (in *Megalæma cyanotis*; Tonkin).
- midæ* Mesnil & Brimont in Brimont, 1909, CrSB, v. 67 (20), 170 (in blood of *Midas midas*; Guiana).
- mouzelsi* Mathis & Léger, 1911, CrSB, 61–62, fig. 3 (in blood of *Garrulax perspicillatus*; Tonkin); 1911, 413, 433, pl. 14 fig. 7 (in *G. p.*; T.).
- ninæ kohl-yakimovi* Yakimoff, etc., 1914, BSPE, 192 (in *Equus cab.*; Turkestan); 1916, BSPE, 220–221, pl. 7 figs. 1–5 (in ânes); 1916, BSPE, 226 (in mulets).
- nocturna* (Mans., 1891) Shipley & Fearnside, 1906a (b), 17 (18) (so. *Fil. bancrofti*).—Brimont, 1910, BIP, 806.—Broquet, 1908, v. 1 (9), 563–564 (in Cochin China).—Broquet & Montel, 1909, v. 2 (1); 1909, CfB, v. 44 (5), 142.—Cleland & Johnst., 1912, v. 2, 113 (so. *F. b.*).—Daniels & Stanton, 1907a, 121.—Guiart, 1910a, 454.—Léger, 1914, 79 (Fr. Soudan).—Mans., 1907, 4th ed., 599, fig. 74.—Mathis, 1909, v. 2 (3), 144–147 (Tonkin); 1909, v. 7 (7), 310–311; 1909, v. 31 (5), 487; 1914, 222, 226 (Indochine).—Mathis & Léger, 1909, 483, 485.—Milne, 1911, AST, v. 15, 357–380 (5–28), figs. 1–19; 1912, CfB, v. 52, 556.—Neum. & Mayer, 1914a, 68, 374, 375, 377, 378, 379, 383, 386.—Rodenwaldt, 1908, v. 12, in 1–30, pls. 1–4 (and *diurna*, cause of periodicity); 1908, 389; 1909, MmW, v. 56 (14), 732; 1909, BIP, v. 7 (7), 306–310; 1909, CPA, v. 20 (15–16), 749; 1909, DmW, v. 35 (17), 770; 1909, BIP, v. 7 (24), 1060; 1909, CfB, v. 45 (6), 185; 1909, AST, v. 13 (7), 215–220, pl. 4 figs. 1–6 (and *diurna*); 1909, CfB, v. 43 (9–12), 346–347; 1914, 1.—Stiles, 1907b, 44.—Tribondeau, 1903a, 996 (in *Homo*; Îles de la Société).—Ward, 1916, 682, 683, 690, figs. 4085, 4086–4089.—Yorks, etc., 1917, ATMP, 127–148, figs. 1–9.—Zur Werth, 1909, MmW, 732 (in *Anopheles maculipennis*).
- nuda* Rodenwaldt, 1914, AST, v. 18, 12, 211, figs. 1–3, pl. 1 figs. 1–6 (in *Homo*; from Bessari).
- numidæ* Gedœlst, 1911a, 107 (in Guinea-fowl).
- ochmanni* (Fülleborn, 1909) Gedœlst, 1911a, 107 (in dog; German E. Africa).
- ozzardi* (Mans., 1897) Mans., 1907, 4th ed., 595, 644, fig. 73d.—Itefko, 1913, 594.—Looss, 1914, v. 2, 443.
- persians* (Mans., 1891) Mans., 1907, 4th ed., 595, 644, 647, 795, fig. 73d, e, pl. 5 fig. 2, figs. 74A, a, b.—Aubert & Heckenroth, 1913, BSPE, v. 6 (6), 457–459 (therapeutics).—Cast. & Chalm., 1910a, 1132; 1913a, 1593.—Engeland & Manteufel, 1911, AST, v. 15, 721–727, pl. 1.—F., S., & T., 1916a, 414, 416, fig. 299.—Léger, 1914, 79 (Fr. Soudan).—Looss, 1914, v. 2, 442.—Lebœuf & Ringenbach, 1910, Adl'IP, 951–952, pl. 17 fig. 3 (in chimpanzé).—Mathis & Léger, 1911, 399.—Marotte & Morvan, 1912, AMPm, 1–62, 1912; 1914, BIP, v. 12 (2), 74–75.—Neum. & Mayer, 1914a, 68, 373, 377, 383, 396, 406.—Ringen-

MICROFILARIA—Continued.

perstans—continued.

bach & Guyomarc'h. 1914. BSPE. v. 7. 619–626 (transmission, and diurnal).—
Rodenwaldt 1914. 1.—Rodhain. 1915. 741.—Ward. 1916. 682, 683, 688. fig.
4086.—Zur Werth, 1909, MmW, 732 (in *Anopheles maculipennis*).

perstasis Hut. & Mar., 1913a, 1136 (misprint for *perstans*).

philippinensis (Ashburn & Craig, 1906) Ashburn & Craig, 1909, JTMH. 167.—
Craig, 1909, JTMH, v. 12 (16), 239–241, 256 (to Fil. (Microfil.)).—Cast. &
Chalm., 1910a. 425; 1913a, 531.—F., S., & T., 1916a. 407.—Fülleborn, 1913,
315.—Gedölst, 1911a, 107 (in man; P. I.).—Looss, 1914. v. 2. 444.—Mathis
& Léger, 1911. 240 (in *Culex fatigans*).—Ward, 1916, 682, 689–690.

[*phyllostomæ* Cartaya, 1910, 503–509, to Fil. (Microfil.) (in *Artibeus perspicillatus*;
Habana).]

plimмери Hall, 1916a, 188, 189–190 (in *Nyctomys* sp.; Lond., quotes Plimmer,
1913).

ploci Pittaluga, 1912, BInI, 77–92 (in *Homo*; Spanish Guinea) [inv.]; 1913, CfB,
v. 56, 156.

powelli (Penel, 1905) Cast. & Chalm., 1910a. 425, 1200.—F., S., & T., 1916a,
407.—Fülleborn, 1913a. 315.—Gedölst, 1911a. 107 (in man; Bombay).—
Looss, 1915, v. 2, 443.—Ward, 1916, 682, 690.

romanorum (Verdun, 1907) Gedölst, 1911a. 107 (blood in *Homo*; Roumaine).

rosenau McCoy, 1911. P, v. 4 (3), 220–221, pl. 7 (in *Citellus beecheyi*; Cal.).—
Hall, 1916a, 188–189, fig. 247 (in C. b.; Cal.).

sambucti Mathis & Léger, 1911, 409–410, 434, pl. 14 fig. 11 (in *Gallus ferrugineus*;
Tonkin).

sanguinis equi Gedölst, 1911a, 107 (in horse, Africa).

schizorhinos Ringenbach, 1914. BSPE. 298 (in *Schizorhis* [for *Schizorhinos*?]
cristata; Congo).

seguini Mathis & Léger, 1909, CrSB. v. 67 (29), 407–409, 1 fig. (in blood of poule
[*Gallus dom.*]; Hanoi); 1909, BIP, v. 7 (24), 1059; 1910, Rv. v. 35 (1), 35;
1910, JRMS. (1), 36; 1910, JTVS. v. 5 (2), 348–349, 1 fig.; 1910, Suv Torino,
v. 59 (8), 175; 1911, 407–409, 434, pl. 14 figs. 1–4 (in G. d.; Tonkin).—Gedölst,
1911a. 107 (in chickens; T.).—Nev.-Lem., 1912a. 808 (in poule; T.) (to Fil.).

species Carini & Maciel, 1916. BSPE. v. 9 (4), 247–255 (in *Aptus chopi*, *Brachy-
spiza capensis*, *Caricus chrysopterus*, *hamosa brevicauda*, *Colaptes cam-
pestris*, *Columba rufina*, *Cranioleuca pallida*, *Embernagra platensis*, *Geothly-
pis æquinoctialis cuculata*, *Neopelma aurifrons*, *Odontophorus capueira*,
Pachyrhamphus rufus, *Pachysylvia poecilotis*, *Rhamphastos dicolorus*, *Sporo-
phila coerulescens*, *Turdus rufiventris*, *Zonotrichia pileata*).

species Cleland & Johnst., 1910, TRSS Austr., v. 34, 108–109 (in *Anellobia chrys-
optera*; Brisbane).

species Cleland & Johnst., 1910, TRSS Austr., v. 34, 108 (in *Corone australis*;
Barraba, N. S. W.).

species Cleland & Johnst., 1910, v. 34, 107–108 (in *Gymnorhina tibicen*; Sydney).

species Delanoe, 1914. BSPE. 121–125, figs. 1–26 (in *Agama colonorum*).

species Hall, 1916a. 188, 190 (in *Erethizon dorsatum*; Lond., quotes Plimmer,
1915).

species Johnst. & Cleland, 1912, PLNSW, 489–490, pl. 16 fig. 21 (in *Physignathus
lesueurii*; Burnett River, Queensland).

species Léger, 1913. BSPE. v. 6, 359–367 (in *Bubulcus lucidus*, *Centropus mona-
chus*, *Francolinus bicoloratus*, *Glaucidium perlatus*, *Lagonosticta minima*,
Lamprocolius purpureus, *Lamprotornis caudatus*, *Lanius auriculatus*, *Lopho-
ceres semifasciatus*, *L. nasutus*, *L. erythrorhynchus*, *Oestrilda cinerea*,
Passer diffusus gularis, *Turtur senegalensis*, *Vidua principalis*).

species Léger, 1913, BSPE, 518–519 (in *Fringilla petronia*; Corsica).

species Mathis & Léger, 1911, 404, 431 (in *Bos indicus*; Tonkin).

species Mathis & Léger, 1911, 404, 431 (in *Mus decumanus*; Tonkin).

species Mathis & Léger, 1911, 405–406, 437 (in *Rana limnocharis*; Tonkin).

species Mathis & Léger, 1911, 411–412, 434, pl. 14 fig. 10 (in *Turtur humilis*;
Tonkin).

tanichugii Looss, 1914, v. 2, 731 (misprint for *taniguchii*).

MICROFILARIA—Continued.

- taniquichii* (Penel, 1905) Looss, 1914, HdT, v. 2, 444.—Ward, 1916, 690.
tardieu Mathis & Léger, 1911, 411, 433, pl. 14 fig. 12 (in *Centropus sinensis*; Tonkin).
trichosuri (Breinl, 1912) Breinl, 1912, 47, pl. 10 fig. 1.
volvulus (Leuck., 1893) Neum. & Mayer, 1914a, 574.—Rodhain, 1915, BSPE, 740, 741.—Ward, 1916, 682.
rosenani Reichenau in McCoy, 1912, CfB, 558 (misprint for *rosenau*).

MICROFILARIAE Cobbold, 1880k, 130–132 (see Microfilariae).—Cleland, 1915, 32–34 (in birds).—Johnst., 1910, TRSS, Austr., v. 34, 107 (in birds); 1912, 136–137 (in birds) (Microfilariae); 1914, ATMP, v. 8 (1), 73–80, chart 1, pl. 4 figs. 1–4 (in Man).—Kerr, 1912, JSTMH, v. 5 (6), 227, pl. 1 figs. 1–2.—Pittaluga, 1912, Rc Madrid, v. 8, 81–91, pls. 1–3; 1912, BInI, 77–92; 1913, CfB, v. 56 (5–6), 156.

Microfilariose.—Yakimoff, etc., 1913, Vo, v. 15, 499 (in horse: Turkestan); 1914, BSPE, v. 7 (3), 189–192; 1915, ZIpKHH, v. 14 (4), 275–286, fig. 1.

MICROFIOLARIE Cleland & Johnst., 1912, 136–137 (see Microfilariae).

MICROLAIMUS Man, 1880a, 15–16 (mt. *globiceps*) [not *Microlamia* H. W. Bates, 1874, coleopt. (Zool. Rec. (1874), 1876, v. 11, 327)].—Cobb, 1917n, 453.

fluvialis Cobb, 1914, TAMS, v. 33 (2), 72, 81–82 (38, 47–48, 88), pl. 3 fig. 6 (Maple River, Mich.).

globiceps Man, 1880a, 15–16 (in moist soil; Holland).—Schneid., 1906d, 626.

menzelii Hofm., in Hofm. & Menz., 1914, ZA, 84–85, fig. 6 (littoral; Léman, Lac de Joux, etc.); 1915, 135–136, pl. 5 figs. 15, 16.

MICROPLEURA Linst., 1906, JPAS, 2 (7), 269 (mt. *vivipara*) (near Fil.).

vivipara Linst., 1906, 269, pl. 3 figs. 1–2 (in *Gavialis gangeticus*; Calcutta, Zool. Gard.).

MICROTETRAMERES Trav., 1915, Bm, 297 (3, 4) (tod. *cruzi*) (subg. of Tetrameres).

contorta (Weidman, 1913) Trav., 1915, 297 (3), to Tetram. (Microtetrameres).

cruzi (Trav., 1914) Trav., 1915, 297 (3) to Tetram. (M.).

inflata (Mehl., 1846) Trav., 1915, 297 (3) to Tetram. (M.).

minima (Trav., 1914) Trav., 1915, 297 (3) to Tetram. (M.).

pusilla Trav., 1915, 297–298 (3, 4–5) (in *Turdus rufigiventris*, *Platycichla flavipes*; Angra dos Reis, Estado do Rio), to Tetram. (M.).

spiralis (Seur., 1915) Trav., 1915, 297 (3) to Tetram. (M.).

MICROFILARIA Rodenwaldt, 1908, AST, 389 (for Microfilaria).

bancrofti (Cobbold, 1877) F., S., & T., 1916a, 398, 400, figs. 282–283.

demarquayi (Mans., 1897) Rodenwaldt, 1914, 1.

demarquigi Zur Werth, 1909, MmW, 732 (in *Anopheles maculipennis*, *Stegomyia fasciata*) (misprint for *demarquayi*).

diurna (Mans., 1891) Rodenwaldt, 1908, 389.

loa (Cobbold, 1864) F., S., & T., 1916a, 398.

nocturna (Mans., 1891) Rodenwaldt, 1908, 389.

persians (Mans., 1891) Zur Werth, 1909, MmW, 732 (in *Anopheles maculipennis*).

philippinensis (Ashburn & Craig, 1906) F., S., & T., 1916a, 407.

powelli (Penel, 1905) F., S., & T., 1916a, 407.

Mikrofilarien (see Microfilaria).—Fuëlleborn, 1908, HC, v. 4 (4), 101 (in Homo); 1908, MmW, v. 55 (24), 1307; 1909, CfB, v. 42 (24–25), 801; 1911, AST, v. 15 (11), 368 (Südsee); 1911, DmW, v. 37 (26), 1240; 1912, AST, v. 16, 533–547, 1 fig. (of Homo); 1913, AST, v. 17, 7–72, figs. 1–21, pls. 1–8.—Bach, 1913, CfB, v. 70, 50–60.—Berke, 1911, CfB, v. 58 (4), 326–330, pl. 1 figs. 1–3 (Haushuhn).—Engelard & Manteufel, 1911, AST, v. 15 (22), 721–727, pl. 17 figs. 1–10; 1911, DmW, v. 37 (49), 2303.—Geisler, 1910, AST, v. 14 (17), 550–551 (Kamerun); 1911, CfB, v. 49 (7), 202.—Küelz, 1914, AST, v. 18 (7), 248–250 (Turnusfrage).—Rodenwaldt, 1908, AST, v. 12 (10), 1–30, 4 pls. (and *diurna*); 1909, MmW, v. 56 (14), 732; 1909, CfB, v. 43 (9–12), 346–347; 1909 BIP, v. 7 (7), 306–310; 1909, DmW, v. 35 (17), 770.—Wasielewski, 1913a, 326.

MISONUNUS Petrov, 1910, Avn, v. 40, 1203 (misprint for *Myzomimus*, *Misonunus scutatus*, 1203).

- MITREPHOROS** Linst., 1877a, 18 (for *Mitrephorus*).—Stiles & Hass., 1905b, 120.
- MITREPHORUS** Linst., 1877a, 2 (mt. *hæmispæricus*) [not *Mitrephorus* Schoenherr, 1837, coleopt.; *Mitrephorus* Schlater, 1859, bird; *Mitrophorus* Burm., 1844, coleopt.].—Oerley, 1880, 141.—Stiles & Hass., 1905b, 120.—See also *Mitrephorus*.
- hæmispæricus* Linst., 1877a, 2 (free; Ratzeburger See).—Jägers., 1909, 46, fig. 65.—Oerley, 1880, 142.
- MONHYSTERA** Bast., 1865c, 93, 97-99 (type probably *stagnalis*).—Baylis, 1915, AMNH, v. 16, 414-421, figs. 1-6.—Büetsch., 1873a, 58-61; 1874b, 260 (s. *Tachyhodites*, *Theristus*).—Cobb, 1888a, 31; 1893a, 822-824 (45-47); 1893b, 279-280 (30-31, 32).—Hoimæn., 1913, 608-609.—Jägers., 1909, 5, 10.—Linst., 1902d, 31.—Man, 1876a, 174-175; 1876b, 97-98; 1907, 47, 48.—Menz., 1914, 43; 1917, RsZ, 156, 157.—Oerley, 1880a, 67, 133-134.—Rouville, 1903, CrSB, v. 55, 1526-1529.—Schneid., 1906, 626.—Shipley, 1901b, 160.—Stewart, 1914, v. 10, pt. 4 (13), 245 (chiefly in fresh water).—Stiles & Hass., 1905b, 121.—See also *Monohystera*.
- acris* (Bast., 1865) Oerley, 1880a (b), 137 (125).—Man, 1907, 86 to (Theristus) (Zealand).—Schneid., 1906d, 626.—Southern, 1914a, 12-13 (Blacksod Bay).
- agilis* Man, 1880a, 9-10 (in moist soil; Holland).—Menz., 1914, AN, 45.—Micol., 1914, 430-431.—Stewart, 1914, ZJ, v. 10, pt. 4 (13), 245.
- ambigua* Bast., 1865c, 99, pl. 9 figs. 14-15 (marine; Falmouth).—Büetsch., 1873a, 61; 1874b, 261.—Man, 1907, 86 (*Monohystera*) (Zealand).—Oerley, 1880, 137.—Stewart, 1914, v. 10, pt. 4 (13), 245.
- ambiguoides* Büetsch., 1874b, 263-264, figs. 7a-b (in Kieler Bucht).—Oerley, 1880a, 137.—Villot, 1875a, 466 (Kiel).
- anechma* Southern, 1914a, 13-14, pl. 3 figs. 7a-f (Clew Bay).
- annulifera* Daday, 1905, Z, v. 18 (44), 52-53, pl. 2 figs. 13-17 (in fresh water—Paraguay); 1905, v. 23, 325.
- antarctica* Cobb, 1914, SE, 8, 10, 21, 1 fig. (Bay; Cape Royds).
- australis* Cobb, 1893a, 824 (47) (in soil; N. S. Wales).
- bipunctata* Schneid., 1906c, 15-16, figs. 5a-b (in Schlamm subsalser Buchten; Gulf of Finland); 1906d, 626 (free; im Finnischen Meerbusen).—Stewart, 1914, v. 10, pt. 4 (13), 245.
- bulbifera* Man, 1880a, 10 (in sand; Holland).—Hewitt, 1913, 147, 149, figs. 6-8.—Hoimæn. & Menz., 1915, 129.
- carcinicola* Baylis, 1915, AMNH, 418-421, figs. 4-6 (in *Cardisoma guanhumi*, *Gecarcinus ruricola*; Jamaica).
- cephalophora* Man, 1877a (1878), 106, pl. 8 figs. 12a-b.—Oerley, 1880a (b), 137 (125).
- crassa* Büetsch., 1873a, 63, figs. 24a-b (in moss).—André, 1914, v. 22 (7), in 179-193, figs. 1-4.—Jägers., 1909, SFD, 10, 12, fig. 12.—Linst., 1876a, 13.—Menz., 1914, AN, 82.—Micol., 1913, 11.—Oerley, 1880, 134, 137.
- crassissima* Ditlevsen, 1912, 219-220, pl. 3 figs. 14-15, 22 (in meadow; near Öresund).
- crassoides* Micol., 1913, SAW Wien, 545-546 (aquatic; Schlammbeschung am Attersee, Ostalpen); 1914, ZJ, 424-426, pl. 15 figs. 15a-c.
- de mani* Rouville, 1905a, 792-793 (free; Cette).
- de mani* n. sp. Hoimæn. & Menz., 1914, 81-82, figs. 1-2; 1915, RsZ, 122-123, pl. 4 figs. 1-2.—Menz., 1914, AN, 35, 43, 44, 82.
- däntheriana* Man, 1885a, 2-3, pl. 1 fig. 1 (in moist soil; Nederland) (*Monohystera*).
- diplops* Cobb, 1894c, 401-403, fig. 8; 1904, PCPS, 366, fig. 3 (in fresh water; New Zealand).
- disjuncta* Bast., 1865c, 98, pl. 9 figs. 12-13 (marine; Falmouth).—Büetsch., 1874b, 261.—Oerley, 1880a (b), 137 (125).—Stewart, 1914, v. 10, pt. 4 (13), 245.
- dispar* Bast., 1865c, 97, pl. 9 figs. 1-2 (free, in moss; Falmouth).—Brakenhoff, 1914, v. 22, 273-274.—Ditlevsen, 1912, 218.—Hoimæn. & Menz., 1915, 124-125.—Hoimæn., 1913, 612-613.—Jägers., 1909, SFD, 10, 13, fig. 14.—Man, 1907, v. 7, 11.—Micol., 1913, 2, 7, 11; 1914, ZJ, 422-424, pl. 10 figs. 3a-f; 1915, ZJ, 255-256.—Oerley, 1880a (b), 134, 137 (122, 125).—Schneid., 1906c, 680.—Steiner, 1916, ZA, 339, 341.—Stewart, 1914, RIM, v. 10, pt. 4 (13), 248.
- dolichura* Man, 1876a (b), 177-179 (100-102), pls. 11-12 figs. 46a-c (Leiden).—Oerley, 1880a (b), 134, 136 (122, 124).—Stiles & Hass., 1905b, 84, 102.

MONHYSTERA—Continued.

- dubia* Büetsch., 1873a, 60; 1873a, 65-66, figs. 26a-b (free on water plants; F. a. M.).—Hofmæn., 1913, ZA, 413 (so. setosa).—Hofmæn. & Menz., 1915, 130-131.—Jægers., 1909, SFD, 10, 14, fig. 16.—Menz., 1917, RsZ, 156, 157.—Oerley, 1880a (b), 134, 135 (122, 124).—Schneid., 1906d, 626.—Steiner, 1913, v. 8, 451-454, figs. 1-3.
- elongata* Büetsch., 1874b, 262, figs. 9a-d (in Kieler Bucht).—Man, 1907, 36, 37; 1907, v. 10, 229.—Oerley, 1880a (b), 137 (125).—Villot, 1875a, 466 (Kiel).
- filiformis* Bast., 1865c, 98, pl. 9 figs. 7, 8 (free in river; Blackwater).—Brakenoff, 1914, v. 22, 274.—Büetsch., 1873a, 63, figs. 25a-b (in the Main; Germany).—Cobb, 1888a, 31.—Hofmæn. & Menz., 1915, 126-127.—Jægers., 1909, 10, 14-15, fig. 17.—Man, 1907, v. 7, 11.—Menz., 1914, AN, 35, 43, 44-45, 82.—Micol., 1913, 11; 1914, ZJ, 426-429, pl. 10 figs. 4a-e; 1915, ZJ, 256.—Oerley, 1880a (b), 134, 136 (122, 124).—Stefanski, 1916, ZA, 364, 368.
- frigida* Cobb, 1914, SE, 8, 9, 10, 19, 1 fig. (Cape Royds).
- füllehorni* Daday, 1908, Mte, v. 26, 11-12, figs. 14a-c; 1910, v. 23, 44-45, pl. 2 figs. 10-12 (Nyassa).
- gracilis* Man, 1877a, 105, pl. 8 figs. 11 a-b.—Oerley, 1880a (b), 137 (125).—Rouville, 1905a, 792 (free; Cette).
- helvetica* Steiner, 1914, AHP, 421-422, figs. 1-2 (Vierwaldstättersee, Schweiz).
- impetuosus* Cobb, 1906, 165, 186-187 (about roots of diseased cane; Hilo, H. I.).
- insignis* Cobb, 1893a, 823 (46) (about roots of sugar cane; N. S. Wales).
- intermedia* Büetsch., 1873a, 67-68, figs. 33a-b (on roots of Plantago and moss; Germany).—Man, 1876a, 175; 1876b, 98, pl. 11 fig. 44 (Leiden).—Oerley, 1880a (b), 134, 135 (122, 123).
- labiata* Daday, 1903, v. 21, 335-336; 1904, ZJ, v. 19 (5), 480-481, pl. 27 figs. 1-3 (free; Koi-Sary).
- longicauda* Daday, 1899, Mte, v. 17, 560-561.
- longicaudata* Bast., 1865c, 98, pl. 9 figs. 5-6 (in pond; Tunbridge Wells).—Oerley, 1880a (b), 134, 136 (122, 124).
- macrolaima* Stewart, 1914, RIM, 253-254 (lapsus for megalaima).
- maeruca* Man, 1880a, 7 (in moist soil; Holland).—Hofmæn. & Menz., 1915, 127-128.—Steiner, 1916, ZA, 339, 341.—Stewart, 1914, v. 10, pt. 4 (13), 245.
- megalaima* Stewart, 1914, RIM, v. 10, pt. 4 (13), 250-251, pl. 32 figs. 21-27 (free; Chilka Lake).
- meridiana* Cobb, 1914, SE, 8, 9, 20-21, 1 fig. (Bay; Cape Royds).
- microphthalma* Man, 1880a, 6-7.—Menz., 1914, AN, 44.—Schneid., 1906d, 625.—Stewart, 1914, v. 10, pt. 4 (13), 245.
- natans* (Bast., 1865) Oerley, 1880a (b), 138 (126).
- normandia* Man, 1890b, 169-170, pl. 3 fig. 1 (to Theristus) (Calvados, de la Manche).—Southern, 1914a, 13 (Inishlyre Harbor).
- ocellata* Büetsch., 1874b, 265, figs. 10a-c (in Kieler Bucht).—Linst., 1876a, 12-13, fig. 31 (in Schlamm; Ratzeburger-See).—Man, 1907, 86.—Oerley, 1880a (b), 134, 138 (124, 128).—Villot, 1875a, 466 (Kiel).
- oculata* Linst., 1878a, 347 (ocellata of Linst., 1876a, 12 renamed).—Oerley, 1880a (b), 134 (122).
- oxyceca* Man, 1888a, 10-11, pl. 1 fig. 6; 1907, v. 20, 56, 86 to (Penzancia) (free, marine; Zealand).
- paludicola* Man, 1881a, 138-139.—Daday, 1905, v. 18 (44), 51, pl. 3 figs. 2-4 (Paraguay); 1905, Mte, v. 23, 344.—Hofmæn., 1913, 609-610.—Hofmæn. & Menz., 1915, 123-124.—Jægers., 1909, SFD, 10, 11-12, fig. 11.—Menz., 1914, AN, 43, 44.—Micol., 1913, 2, 7, 11; 1914, ZJ, 415-417; 1915, ZJ, 253-254.
- papuana* Daday, 1899, Mte, v. 17, 560; 1905, v. 23, 325.
- parva* (Bast., 1865c) Oerley, 1880 a (b), 138 (126).—Man, 1907, MSz, v. 20, 86 (Zealand).
- peludicola* Stefanski, 1916, ZA, 364 (misprint for paludicola) (Genfer See, etc.).
- pilosa* Cobb, 1914, SE, 8, 9, 10, 17-18, 1 fig. (Bay; Cape Royds).
- polaris* Cobb, 1914, SE, 8, 9, 10, 19-20, 1 fig. (Bay; Cape Royds).
- polychata* Steiner, 1915, ZJ, 224-226, pl. 22 figs. 1-3 (Marine; Sumatra).
- pratensis* Cobb, 1893a, 823-824 (46-47) (about roots of sugar cane; N. S. Wales);

MONHYSTERA—Continued.

- propinqua* Daday, 1905, Z, v. 18, 52, pl. 2 figs. 10-12 (in fresh water: Paraguay); 1905, Mte, v. 23, 325.
- pseudobulbosa* Daday, 1896, Mte, v. 14, 411.
- rivularis* Bast., 1865c, 97-98, pl. 9 figs. 3-4 (sandy mud; Falmouth).—Oerley, 1880 a (b), 134, 137 (122, 125).
- rustica* Büetsch., 1873a, 64, figs. 29a-b (on roots of plantago, in moss; Germany).—Cobb, 1888a, 30-31, pl. 2 figs. 1-2 (so. filiformis); 1893a, 822-823 (45-46), fig. 40 (about roots of moss; N. S. Wales, Fiji); 1893b, 279-280, 305 (30-31, 56), pl. 37 figs. 1-2 (about roots of banana plant; Fiji).—Menz., 1914, AN, 44 (so. filiformis Bast.).—Oerley, 1880 a (b), 134, 135 (122, 123).
- senticus* Cobb, 1914, TAMS, v. 33 (2), 72, 97-100 (38, 63-66, 96), pl. 7 fig. 20 (sand bar, Plummer's Isl., Potomac River).
- septentrionalis* Cobb, 1914, SE, 8, 20, 1 fig. (Cape Royds).
- setosa* Büetsch., 1874b, 265-266, figs. 11a-b (free: in Kieler Bucht).—Hofman., 1913, ZA, 613-614; 1913, v. 42 (9), 413-418, figs. 1-4 (Switz.).—Man, 1907, 56, 86 to (Theristus) (Zealand).—Menz., 1914, AN, 80; 1917, RsZ, 156.—Oerley, 1880 a (b), 138 (126).—Schneid., 1906d, 625.—Villot, 1875a, 466 (Kiel).
- similis* Büetsch., 1873a, 62, figs. 30a-b (in the Main, etc; Germany).—Daday, 1910, v. 23, 45.—Ditlevsen, 1912, 221.—Hofman., 1913, 611-612.—Hofman. & Menz., 1915, 128.—Jägers., 1909, 10, 13, fig. 15.—Linst., 1876a, 13.—Man, 1907, v. 7, 11.—Menz., 1914, ZA, 82.—Micol., 1913, 2, 9, 11; 1914, ZJ, 420-421; 1915, ZJ, 255.—Oerley, 1880, a (b), 134, 137 (122, 125).—Steiner, 1916, ZA, 345.
- simpler* Man, 1880a, 9 (in moist soil: Holland).—Hofman. & Menz., 1915, 128-129.—Menz., 1914, AN, 42, 45, 83.—Micol., 1914, 429.
- socialis* Büetsch., 1874b, 264-265, figs. 8a-d (Kiel).—Ditlevsen, 1912, 218-219.—Oerley, 1880a (b), 138 (126).—Villot, 1875a, 466 (K.).
- species* Schneid., 1906d, 626.
- stagnalis* Bast., 1865c, 97, pl. 9 figs. 9-11 (in mud: Falmouth & Easthampstead).—Büetsch., 1873a, 61-62, fig. 22 (Germany).—Jägers., 1909, 10-11, fig. 10.—Linst., 1876a, 13.—Menz., 1914, AN, 44, 82.—Micol., 1914, ZJ, 410-415, pl. 15 figs. 15a-c; 1915, ZJ, 252-253.—Oerley, 1880a (b), 134 (122).—Stefanski, 1916, ZA, 364.
- stenosoma* Man, 1907, v. 10, 229 (free: Ierseke); 1907, v. 20, 33, 36-38, 86, pl. 1 fig. 3 (Zealand).
- subrustica* Cobb., 1906, 165, 185-186 (about roots of diseased cane; Hilo, H. I.).
- tatrica* Daday, 1896, Mte, v. 14, 410-411.
- tenax* Man, 1876a (b), 176-177 (99-100), pl. 11 figs. 45a-c (Leiden).—Oerley, 1880a (b), 134, 136 (122, 124).—Silva Araujo, 1878b, 53.
- trabeculosa* Schneid., 1906c, 13-15, figs. 4a-b (in Schlamm; Gulf of Finland); 1906d, 626.—Stewart, 1914, v. 10, pt. 4 (13), 245.
- uniformis* Cobb, 1914, SE, 8, 9, 18-19, 1 fig. (Cape Royds).
- uria* Stewart, 1914, v. 10, pt. 4 (13), 247-248, figs. 8-10 (in Rambha spawn; Chilka Lake).
- velox* (Bast., 1865), Büetsch., 1874b, 262-263, figs. 6a-d (in Kieler Bucht).—Oerley, 1880a (b), 138 (126).
- villosa* Büetsch., 1873a, 64-65, figs. 28a-c (on moss roots).—Cobb, 1888a, 31 (in moss; by Cobb).—Hofman. & Menz., 1915, 129.—Menz., 1914, AN, 38, 40, 45, 83, 90.—Oerley, 1880a (b), 134, 135 (122, 123), pl. 7 figs. 31a-b.
- vulgaris* Man, 1884a, 39, pl. 3 fig. 10 (in moist soil: Germany, France); 1906, v. 41, 158; 1907, v. 7, 10-11.—Brakenhoff, 1914, v. 22, 274.—Daday, 1910, Z, v. 23, 45 (Nyassa).—Hofman., 1913, 610-611.—Hofman. & Menz., 1914, ZA, 91; 1915, 125-126.—Jägers., 1909, 10, 12, fig. 13.—Micol., 1913, 11; 1914, ZJ, 417-420, pl. 9 figs. 2a-f; 1915, ZJ, 254.—Steiner, 1916, ZA, 339, 341, 344.
- wilsoni* Baylis, 1915, AMNH, 415-418, figs. 1-3 (in gill chambers of *Gecarcinus ruricola*; Jamaica).
- MONILIFORMIS Trav., 1915, Bm, 137 (1) (tod. moniliformis) (Gigantorhynchinae).
- moniliformis* (Brems., 1819) Trav., 1915, 137 (1).
- MONOCERCA Schep., 1908f, 186 (group of Nematoda, contains *Desmoscolex*).
- MONOCHEILOSTOMI Mol., 1858c, 410 (div. of Cheilestomi (Fil.), contains *F. quadrutuberculata*).

- MONODONTUS** Mol., 1861a (b), 435, 463-470 (11, 39-43) (tsd. semicircularis [not Monodon Linn., 1735, 1758a, 1766, mammal; Monodon Cuv., 1817, mollusk; Monodon Schweigger, 1820, mollusk; Monodon Gerv., 18-?-, mollusk; Monodonta Lam., 1799, 1801, mollusk; Monodontes Montf., 1810, mollusk; Monodus Schulze, 1897, for Monodon Linn., 1758].—Lane, 1917, IJMR, 418, 420, 422.—Linst., 1906, v. 43, 92.—Rail., 1897a, 1134; 1899g, 345 (subg. of Unc.); 1900, 103, 104, 105; 1900d, 86; 1902b, 108 (so. Bunost.).—Rail. & Henry, 1909b, 170 (so. B.).—Rans., 1911a, 14, 26, 27-28, 30, 33, 34 (s. B.) (type s.).—Rizzo, 1900, 781.—Stiles, 1902, 186, 191, 193; 1903, 14, 19; 1903i, 15 (so. Unc.).—Stiles & Hass., 1899a, 164 (so. Unc.); 1905b, 121.
- cernuus* (Crep., 1829) Rizzo, 1900c, 781 (in ruminants).—Rail., 1900e, 103, 104 (so. trigonoc.).—Rans., 1911a, 30.
- longeiciratus* (Linst., 1879) Rans., 1911a, 14, 28, 34-35, 121, fig. 10, 124 (to Bunost.) (in *Bos grunniens*).
- phlebotomus* Rail., 1900, in Rizzo, 1900c, 781-782 (in ruminants).—Conradi & Barnett, 1908, 5-23, figs. 1-9 (S. Carolina); 1908, v. 20 (4), 382.—Conradi, 1914, 356 (in cattle).—Rans., 1911a, 14, 21, 28, 31-34, 121, figs. 6-9 (s. rad., *Monodontus* sp.), 124 (to B.) (in *Bos taurus*, *B. indicus*; U. S., Cuba, Panama, Europe, Sumatra).—Stödter, 1901a, 5, 87, 88 (s. Str. rad. pars, Unc. rad. of Rail., 1885).
- semicircularis* Mol., 1861a (b), 469-470 (45-46), pl. 2 figs. 3-4 (s. Str. sp., suis-tajassu) (in *Dicotyles torquatus*; Caiçara, M. C. V.).—Lane, 1917, IJMR, 1917, 418, 419.—Rans., 1911a, 28, 124.—Stiles, 1902, 186; 1903, 15.—Stiles & Hass., 1899a, 164 (type of M.).—Stoss., 1899d, 125 (71) (to Unc.).
- species Rail., 1900e, 106 (s. Str. radiatus Rud., 1803, pars, Str. rad. of Schneid., 1866, not of Gurlt, 1831, Unc. rad. Rail., 1885).—Rans., 1911a, 31 (so. phlebotomus).
- trigonocephalus* (Rud., 1808) Rail., 1900d, 87; 1900e, 105, 106 (s. wedlii, Doch. cernuus, hypostomus, Sclerost. hypost. pars, Str. cernuus, Unc. cernua).—Nev.-Lem. 1912a, 742.—Lane, 1917, IJMR, 418, 419.—Rans., 1906i, 6; 1911a, 14, 21, 28-31, 122, figs. 1-5 (s. wedlii, Str. cernuus, Sclerost. hypost. Dochmius hypost., cernuus, Uncinaria cernua, Str. (M.) cernuus, Unc. (M.) cernua), 124 (to Bunost.) (in *Capra hircus*, *Ovis aries*, *Rupicapra rupicapra*; Europe U. S. A.).
- wedli* Stoss., 1899d, 124 (70) (for wedlii) (so Unc. cernua).—Fiebigler, 1912a, 289.
- wedlii* Mol., 1861a (b), 467-469 (43-45) (s. Doch. hypost., Str. cernuus, hypost. ovinus, radiatus) (in *Antelope rupicapra*, *Capra aries*, *C. a. sterspiceros*; M. C. V.).—Curtice, 1890c, 16.—Rail., 1893a, 474 (so. Unc. cernua (Crep.) Rail., 1885); 1900, 106 (so. trigonoc. Rud.).—Rans., 1911a, 30 (so. trigonoc.).—Stoss., 1899d, 124 (70) (so. Unc. cernua) (wedlii).—Ward, 1895, 334 (in *Bos taurus*), 337 (in *Ovis aries*).—Also reported for *Rupicapra tragus*.
- MONOHYSTERA** Man, 1889, 7 (for Monhystera); 1907, 47-48 [for species, see Monhystera].
- MONONCHULUS** Cobb, 1917n, 447, 453; 1917, 145, 151; 1918, 195-196 (mt. ventralis).
- ventralis* Cobb, 1918, 196-198, figs. 1-2 (Wash., D. C.).
- MONONCHUS** Bast., 1865c, 93, 100-103 (tsd. truncatus).—A., D., & E., 1901b, 8.—Bos, 1891, 8.—Büetsch., 1873a, 73-75.—Cobb, 1888a, 33; 1893a, 816-819 (39-42); 1893b, 252-262, 295 (3-16); 1904, PCPS, v. 12, 363-374, 4 figs.; 1913, JWAS, v. 3 (10), 287-288, figs. 1-2; 1915, 316; 1916, JP, v. 2 (4), 195-196 (contains subg. Anatonchus, Iotonchus, Mononchus, Mylonchulus, Prionchulus); 1917n, 431-486, figs. (revision) (contains subg. Anat., I., M., My., P., Sporonchulus).—Hofmæn., 1913, 631-632.—Jägers., 1909, 6, 31.—Man, 1876a, 183-184; 1876b, 106-107; 1904a, in 1-51, pls. 1-11; 1912, v. 1, 449.—Menz., 1914, AN, 48.—Oerley, 1880a, 67, 138.—Shipley, 1896a (1901b), 154.—Steianski, 1915, ZA, in 346-349.—Stiles & Hass., 1905b, 121 (type truncatus).
- acutus* Cobb, 1917n, 438, 455 (to Iotonchus), 481, fig. 68 (about roots of rhubarb in loose brown sandy soil; Arlington, Va.).
- bastiani* Man, 1876a (b), 184-186 (107-109), pl. 13 figs. 49a-c (Leiden).—Menz., 1914, AN, 51 (so. papillatus).—Silva Araujo, 1878b, 53.
- bathybius* Micol., 1913, SAW Wien, 546 (aquatic, im Grundsclamm des Attersee; Ostalpen); 1914, ZJ, 481-483, pl. 17 figs. 26a-b.—Cobb, 1916, JP, 196 (to Iotonchus, tod.); 1917n, 435, 438, 455 (to Iotonchus), 478, fig. 64 (in mud; Atter Lake; Austria).

MONONCHUS—Continued.

- brachylaimus* Cobb, 1917n, 438, 455 to (*Iotonchus*), 480, fig. 67 (in brown, sandy soil; Arlington Farms, Va.).
- brachyurus* Büetsch., 1873a, 77, figs. 20a-e (on roots of moss, etc.; Germany).—Brakenhoff, 1914, v. 22, 277.—Cobb, 1893b, 256, 258-259 (soil in meadows; W. Europe); 1906, 165, 182 (Hilo, H. I.); 1916, JP, 195 to (*Mononchus*); 1917n, 435, 438, 455, to (*Mylonchulus*), 467-468, fig. 43 (Fla.).—Ditlevsen, 1912, 227.—Man, 1876a, 189-190; 1876b, 112-113, pl. 13 fig. 51 (Leiden); 1912, ZJ, 449.—Marzinowski, 1909, 41.—Menz., 1913, ZA, 409, 411; 1914, AN, 52.—Oerley, 1880a, 138, 140.—Silva Araujo, 1878b, 53.
- brachyurus* Cobb, 1893b, 256, 258-259 (7, 9-10) (for *brachyuris*); 1906, 182 (about roots of diseased cane; Hawaii).—Hofmaen. & Menz., 1915, 145.
- brevicaudatus* Cobb, 1917n, 438, 455, to (*Mylonchulus*), 472, fig. 54 (about roots of plants in a cranberry bog; N. J.).
- consimilis* Cobb, 1917n, 438, 455 to (*Iotonchus*), 477, fig. 61 (about roots of *Platonia insignis*; Brazil).
- crassiusculus* (Duj., 1845) Bast., 1865c, 103 (Rennes).—Cobb, 1893b, 256, 258 (7, 9) (Franca).—Oerley, 1880a, 138, 141.
- cristatus* Bast., 1865c, 102, pl. 9 figs. 33-34 (in moss; Falmouth).—Cobb, 1893b, 257, 259 (8, 10) (Eng.).—Man, 1912, ZJ, v. 1, 449.—Oerley, 1880a, 138, 139.
- dadayi* Micol. [nv.].—Cobb, 1916, JP, 196, to *Mononchus* (*Mononchus*); 1917n, 438, 454, 463, fig. 32, to (M.).
- decurrens* Cobb, 1917n, 454 to (*Sporonchulus*), 464, 486, fig. 69 (Plant Introduction Gardens; Miami, Fla.).
- dentatus* Cobb, 1917n, 438, 454 to (*Sporonchulus*, tod.), 464, fig. 35 (roots of orange trees; Bahia, Brazil).
- denticulatus* Cobb, 1917n, 438, 440, 455 to (*Mylonchulus*), 468, fig. 44 (among fresh-water algæ; Zambezi River, S. Africa).
- digiturus* Cobb, 1893b, 253, 254, 256, 257 (4, 5, 7, 8), pl. 36 figs. 1-4 (about roots of banana plants; Fiji); 1916, JP, 196, to (*Iotonchus*); 1917n, 438, 455 to (I.), 476, fig. 58 (about roots of banana plants; Fiji).—Steiner, 1914, AHP, 264.
- dolichurus* Ditlevsen, 1912, 228-229, pl. 2 figs. 6, 10-11 (in boggy regions; Jutland).—Cobb, 1916, JP, 196, to (*Anatonchus*); 1917n, 438, 455, to (A.), 475, fig. 57 (in moist soil and meadow land; Jutland, Switz.).—Hofmaen. & Menz., 1915, 146-147.—Menz., 1913, ZA, 410-412, fig. 4; 1914, AN, 36, 49-50, 78, 83, figs. 6a-b.—Steiner, 1914, AHP, 264.
- exilis* Cobb, 1917n, 438, 454, 456, to (*Mononchus*) (about roots of moss; Moss Vale, N. S. W.).
- forearum* (Duj., 1845) Bast., 1865c, 102-103 (Rennes).—Cobb, 1893b, 257-262 (8, 13) (Franca); 1916, JP, 195, to (*Mononchus*); 1917n, 438, 454, 460, to (M.) (in fresh water ditch; Rennes).—Man, 1912, ZJ, v. 1, 449.—Oerley, 1880, 138, 139.
- gerlachei* Man, 1904a, 5-8, pl. 1 figs. 1-1j, pl. 2 figs. 11-1q (sur des algues d'eau douce; près du Cap Van Beneden, Terre de Dance, Détroit de Gerlache); 1912, ZJ, v. 1, 449, 450, 451.—Cobb, 1916, JP, 195, to (*Mononchus*); 1917n, 438, 454, 459-460, fig. 26, to (M.) (among fresh water algæ; C. V. B., Danco Land).—Linst., 1907, AN (for 1901), v. 2 (3), 172.—Steiner, 1916, ZA, v. 46, 318-319, 327.
- gracilicaudatus* Cobb, 1917n, 438, 455, fig. 56, to (*Anatonchus*), 474, 475 (in marshy ground; Arlington Farm, Va.).
- gymnolaimus* Cobb, 1893b, 254-256, 257-258, 304 (5, 7, 8-9, 55), pl. 36 figs. 1-3 (about roots of banana plants; Fiji); 1904, 370 (Fiji); 1907, 5, 7, pl. 1 figs. 1-3; 1916, JP, 196, to (*Iotonchus*, tod.); 1917n, 438, 455, to (I.), 476-477, fig. 60 (about roots of banana; Fiji; of *Platonia insignis*, Rio Jan., Brazil; of various plants, Arlington Farm, Va.).—Menz., 1913, ZA, 410.
- incurvus* Cobb, 1917n, 435, 438, 455, to (*Mylonchulus*), 468-469, fig. 47 (in sandy soil in a cranberry bog; Arlington Farm, Va.).
- inder* Cobb, 1906, 165, 180-181 (about roots of diseased cane; Hawaii); 1917n, 438, 455, to (*Mylonchulus*), 466-467 (r. s. c.; H. I.).
- intermedius* Cobb, 1893a, 817-818 (40-41) (about roots of sugar cane; N. S. W.); 1916, JP, 195, to (*Mononchus*); 1917n, 438, 454, to (M.), 458 (about roots of sugar cane; Harwood, Clarence River, N. S. W.).
- japonicus* Cobb, 1917n, 438, 455, to (*Mylonchulus*), 473 (Mississippi Bay, Yokohama, Japan).

MONONCHUS—Continued.

- lacustris* Cobb, M. V., 1915, 36-38 (Douglas Lake, Mich.).—Cobb, N. A., 1917n, 437, 438, 445, 455, to (Mylonchulus), 471, fig. 5, 52 (fresh water lakes, Mich.; about roots of ferns, Panama; in Silver Springs, Fla.).
- longicaudatus* Cobb, 1893b, 253, 254, 256, 257, 261 (4, 5, 7, 8, 12), fig. 2 (on celery; Australia); 1906, 165, 179 (Hilo, H. I.); 1916, JP, 196, to (Mononchus); 1917n, 434, 438, 444, 450, 452, 453, 454, 463-464, figs. 2, 11, 33, 34 (cosmopolitan, aquatic, ditches, pools, swamps, meadows, slow filter beds).
- longicollis* Cobb, 1917n, 438, 454 to (Prionchulus), 465, 466, fig. 39 (at roots of pitcher plants and tamarack; Wisconsin).
- macrostoma* Bast., 1865c, 101-102, pl. 9 figs. 29-30 (in pool; Falmouth).—Brakenhoff, 1914, v. 22, 275-276.—Cobb, 1893b, 257, 262 (8, 13); 1916, JP, 196 to (Mononchus); 1917n, 435, 438, 454, 460-461, fig. 28, to (M.).—Daday, 1910, v. 23, 48, pl. 2 figs. 21, 22 (Nyassa).—Ditlevsen, 1912, 227-228.—Hofmæn., 1913, 632-633.—Hofmæn. & Menz., 1915, 141.—Jægers., 1909, 31-32, fig. 42.—Man, 1907, v. 7, 15-16; 1912, ZJ, 449.—Menz., 1913, ZA, 410; 1914, AN, 82.—Micol., 1914, ZJ, 477-481; 1915, ZJ, 263-264.—Oerley, 1880a, 138, 140.—Plotnikov, 1901, 246.—Southern, 1914a, 7 (Clare I.).
- macrostoma armatus* Daday, 1894, Mte, v. 12, 134-135; 1897, v. 2 (1), 96 figs. 74-75 (aquatic; Balaton).—Man, 1912, ZJ, v. 1, 449.
- major* Cobb, 1893b, 257, 260-261 (8, 11-12) (damp soil about roots of plants; N. S. W.); 1916, JP, 195, to (Mononchus); 1917n, 438, 445, 451, 454, 459, figs. 12, 16, 25 (about roots of plants; Moss Vale, N. S. W.).
- megalaimus* Cobb, 1893b, 254 (5) (lapsus and nomen nudum for gymmolaimus).
- megalaimus* n. sp. Cobb, 1917n, 438, 454, 460, fig. 27, to (M.) (about roots of plants in a tamarack swamp; Wisconsin).
- microstoma* Bast. of Cobb, 1893b, 262 (in soil and fresh water; Holland, Eng.) (lapsus for macrostoma Bast., 1865); 1893, 13.
- micurus* Cobb, 1917n, 438, 455, to (Mylonchulus), 468, fig. 46 (about Litchi roots; Fukien, China).
- minor* Cobb, 1893b, 257, 259, 304 (8, 10, 55), pl. 36 figs. 1-5 (in soil about banana plants; Fiji); 1916, JP, 196, to (Mylonchulus, tod.); 1917n, 438, 455, to (Mylonchulus), 472, fig. 53 (cosmopolitan).
- monhystera* Cobb, 1917n, 438, 454, 457, fig. 20, to (Mononchus) (about roots of orange trees; Bahia, Brazil).
- muscorum* (Duj., 1845) Bast., 1865c, 103 (Rennes).—Buëtsch., 1873a, 77.—Cobb, 1888a, 33; 1893b, 257, 260 (8, 11) (among moss; W. Europe); 1916, JP, 196, to (Prionchulus, tod.); 1917n, 438, 439, 443, 454, to (P.) 465, figs. 6, 7, 37.—Man, 1912, ZJ, v. 1, 448, 449-452, pl. 23 figs. 2-2c.—Menz., 1914, AN, 51, 52.—Oerley, 1880, 138, 139.—Steiner, 1916, ZA, 343-344.
- muscorum* var. *macrolaimus* Cobb, 1917n, 438 (microlaimus, misprint), 465, fig. 38 (in *Cladonia rangiferina*; Wisconsin).
- obliquus* Cobb, 1917n, 438, 449, 455, to (Mylonchulus), 471, fig. 51 (in soil; Germany).
- obtusicaudatus* Daday, 1899, Mte, v. 17, 563-564.—Cobb, 1916, JP, 196, to (Mylonchulus); 1917n, 438, 455, to (M.), 467, fig. 42 (in fresh water; Berlinhaven, Salao Isl., New Guinea).
- obtusus* Cobb, 1917n, 450, 454, 461, figs. 15, 29, to (Mononchus) (in River Main; Germany; common in mud & aquaria & among aquatic plants).
- palustris* Cobb, 1917n, 438, 443, 454, to (Mononchus), 456, figs. 10, 18 (in white cedar swamp; Wisconsin).
- papillatus* Bast., 1865c, 101, pl. 9 figs. 27-28 (between leaves of *Festuca elatior*; Broadmoor, Berks).—Brakenhoff, 1914, v. 22, 276-277, pl. 1 figs. 2-3.—Buëtsch., 1873a, 76, figs. 19a-b (on plant roots).—Cobb, 1888a, 33; 1893b, 257, 259 (8, 10) (among moss and grass; W. Europe); 1914, 226, fig. 12; 1916, JP, 195, to (Mononchus); 1917n, 432, 434, 435, 438, 441, 454, 458, figs. 8, 23, to (M.).—Ditlevsen, 1912, 224, 225, 226, 227, 234.—Hofmæn. & Menz., 1915, 143-145.—Man, 1880a, 23 (free; Holland) (so. *bastiani*); 1912, ZJ, v. 1, 449-450.—Menz., 1914, AN, 31, 32, 33, 34, 37, 40, 41, 42, 51-52, 78, 82.—Oerley, 1880a, 138, 141.—Southern, 1914a, 7 (Clare I.).
- parvus* Man, 1880a, 23-24 (in sand); 1906, v. 41, 159; 1912, ZJ, v. 1, 449.—Brakenhoff, 1914, v. 22, 276, pl. 1 fig. 1.—Cobb, 1893b, 257, 259 (in sandy meadows; Holland); 1893, 8, 10; 1916, JP, 195, to (Mononchus); 1917n, 438, 454, 457-458, fig. 22, to (M.) (in sandy soil; Holland).

MONONCHUS—Continued.

- polonicus* Stefanski, 1915, ZA, 348-349, figs. 3a-b (Czarma River, Pologne).—Cobb, 1917n, 455, to (Mylonchulus), 472.
- punctatus* Cobb, 1917n, 438, 454, to (Prionchulus), 464-465, figs. 36, 36a (s. M. papillatus Bast. of Brakenhoff) (among roots of Alopecurus denticulatus, & aquatic; Germany).
- radiatus* Cobb, 1917n, 438, 454, 456, fig. 17, to (Mononchus), fig. 17 (in a cranberry bog; N. J.)
- rapax* Cobb, 1917n, 438, 455, to (Iotonchus), 477, fig. 62 (about roots of plants; Arlington Farms, Va.).
- recessus* Cobb, 1917n, 454 to (Sporonchulus), 464, 468, fig. 68 (in soil of a tomato field; Naranja, Fla.).
- regius* Cobb, 1917n, 438, 442, 449, 455, to (Iotonchus), 478, figs. 9, 63 (about roots of plants; Arlington Farms, Va.).
- reversus* Cobb, 1917n, 434, 435, 438, 440, 455, to (Mylonchulus), 467, fig. 41 (about roots of Platanus insignis; Rio Jan., Brazil).
- rex* Cobb, 1904, PCPS, v. 12, 367, 369-370 (in fresh water; Lakes Manapouri & Wakatipu, New Zealand); 1916, JP, 195, to (Mononchus); 1917n, 438, 454 to (M), 455 to (Iotonchus), 477-478 (in Lakes Manapouri & Wakatipu, New Zealand).
- sigmaturnus* Cobb, 1917n, 436, 438, 455, to (Mylonchulus), 469, fig. 48 (U.S.A. & Mexico).
- similis* Cobb, 1893a, 818-819 (41-42) (roots of sugar-cane; N. S. W.; 1914, TAMS, 72 (38).—Menz., 1913, ZA, 410.
- similis* n. sp. Cobb, 1917n, 434, 438, 455, to (Mylonchulus), 470-471, fig. 50 (about roots of banana plants; from Paris, France); 1917n, 184 (486) (renamed subsimilis).
- sparsus* Cobb, 1917n, 438, 440, 455, to (Mylonchulus), 468 fig. 45 (in sphagnum from greenhouses; Wash., D. C.).
- species* Brakenhoff, 1914, v. 22, 277 (in Poggenpohls Moor).
- species* Cobb, 1893b, 256 (7) (in celery; Sydney).
- species* Man, 1906, v. 41, 159 (à terre argileuse; Walcheren).
- species* Stefanski, 1916, ZA, 368 (Inn River, bei Innsbruck).*
- spectabilis* Ditlevsen, 1912, 224-227, pl. 3 figs. 17, 19, 27, 28, pl. 4 fig. 36 (from meadow; near Oeresund).—Cobb, 1916, JP, 196, to (Prionchulus); 1917n, 435, 438, 454, to (P.), 466, fig. 40 (Hellerup, near Oeresund, Denmark).
- studerii* Steiner, 1914, AHP, 263-265, figs. 1-3 (Insel Ufenau, Zürichsee, Switz.).—Cobb, 1916, JP, 196, to (Iotonchus), 1917n, 438, 455, to (Iotonchus), 479, fig. 65 (under moss; Ufenau Isl., Zürich Lake).
- subsimilis* Cobb, 1917n, 136, 168-169, 184 (438, 470-471, 486), fig. 50 (similis Cobb, 1917n, 434, renamed).
- subtenuis* Cobb, 1917n, 184 (486) (tenuis Cobb renamed).
- tenuicaudatus* Stefanski, 1914 [nv.].—Cobb, 1917n, 438, 454, 458, fig. 24, to (Mononchus) (among algæ; Rhone River, Switz.).
- tenuis* Daday, 1908, Mtc, v. 26, 14-15, figs. a-c: 1910, 47, pl. 2 figs. 17-20 (Nyassa).
- tenuis* n. sp. Cobb, 1917n, 436, 438, 449, 455, to (Mylonchulus), 469-470, figs. 4, 49 (about roots of plants; Arlington Farms, Va.); 1917n, 184 (486 renamed subtenuis).
- teres* Cobb, 1917n, 438, 454, 455, 457, fig. 19, to (Mononchus) (in the Sphagnum of a blueberry pot; Ing.).
- trichurus* Cobb, 1917n, 438, 448, 455, to (Iotonchus), 476, figs. 14, 59 (about roots of orange trees; Bahia, Brazil).
- tridentatus* Man, 1876a, 186-188; 1876b, 109-111, pl. 13, figs. 50a-c (Leiden); 1912, ZJ, v. 1, 449.—Brakenhoff, 1914, v. 22, 277.—Cobb, 1893b, 256, 258 (7, 9) (in moist soil; Holland); 1916, JP, 196, to (Iotonchus, by error), to (Anatonchus, tod.); 1917n, 438, 454 to (Mononchus), 455, to (Anatonchus), 473, fig. 55 (in moist soil; Europe).—Ditlevsen, 1912, 226.—Hoimann, 1913, 633.—Hoimann, & Menz., 1915, 145-146.—Menz., 1913, ZA, 411; 1914, AN, 35, 37, 38, 39, 48, 50-51, 78.—Oerley, 1880a, 138, 139.

MONONCHUS—Continued.

truncatus Bast., 1865c, 101, pl. 9 figs. 25–26 (in water: Falmouth).—Büetsch., 1873a, 75–76, figs. 18a–d (Germany).—Cobb, 1893b, 257, 261–262 (8, 12–13) (among moss & aquatic plants, sand, & mud: W. Europe); 1916, JP, 195, to (Mononchus, type); 1917n, 434, 438, 454, 462–463, fig. 31 to (M.).—Hofmæn & Menz., 1915, 142–143.—Jägers., 1909, 31, 32, fig. 43.—Man, 1912, ZJ, 449.—Menz., 1914, AN, 82.—Oerley, 1880a, 138, 140, pl. 7 figs. 33.

tunbridgeensis Bast., 1865c, 102, pl. 9 figs. 31–32 (in pond: Tunbridge Wells).—Cobb, 1893b, 253, 256, 258 (4, 7, 8) (in Engl.); 1916, JP, 196, to (Mononchus); 1917n, 438, 454, 462, fig. 30, to (M.) (aquatic & in soil near streams).—Hofmæn. & Menz., 1915, 142.—Man, 1912, ZJ, 449.—Oerley, 1880a, 138, 140 (*tunbridgeensis*).

vorax Cobb, 1917n, 438, 454, 457, fig. 21, to (Mononchus) (in soil of white cedar swamp, Wisconsin: & in cranberry bog, N. J.).

zschokkei Menz., 1913, ZA, v. 42 (9), 408–410, figs. 1–3 (Alps, Switz.); 1914, AN, 31, 35, 36, 37, 38, 39, 41, 42, 48–49, 78, 82, 83, 90. Cobb, 1917n, 438, 455, to (Mononchus), 479, fig. [66] (in high Swiss Alps).—Hofmæn. & Menz., 1915, 147–149.

MONONCHUS Waterhouse, 1912, 182 (for Mononchus).

MONOPETALONEMA Dies., 1861a, 620, 710 (type ?).—Olss., 1869b, 488.—Rans., 1904a, 37.—Stiles & Hass., 1905b, 121 (type?)

eremita Leidy, 1886c, 310–311 (in *Meles labradorica*: Wyo.). 1904a, 191.—Stiles & Hass., 1894e, 350 (in M. l.).

obtuse-caudatum Dies., 1861a, 710 (s. *Fil. nodulosa*, *obtusocaudata*) (in aves *brasiliensis* s.).—Linst., 1878, 74 (so. *Fil. obtuso-caudata*).—Rans., 1904a, 35, 36, figs. 29–30 (to *Fil.*).—Stoss., 1897b, 37 (25).

physalurum (Brems., 1851) Dies., 1861a, 710 (in *Alcedo amazona*, A. sp., A. torquata; Brazil).

MONOPOSTHIA Man, 1889, 9–10 (tod. *Spilophora costata*).—Stiles & Hass., 1905b, 121.

costata (Bast., 1865) Man, 1907, v. 20, 87 (marine; Zealand).

MONORCHUS Marschall, 1873, 436 (misprint for Mononchus Bast.) [not Monorchis Mont., 1893, trematode].—Stiles & Hass., 1905b, 121.

MURSHIDIA Lane, 1914, IJMR, 387–388, 394 (tod. *murshida*) [g. of Strongyloidea]; 1915, 106.

falcifer (Cobbold, 1882) Lane, 1914, 389–391, pl. 54 figs. 33–34, pl. 55 figs. 35–42 (in cecum of *Elephas indicus*; India); 1915, 106 (*falcifera*).

murshida Lane, 1914, 388–389, pl. 53 figs. 25–32 (in *Elephas indicus*; India); 1915, 106.

MYENCHUS Schuberg & Schröder in Schuberg, 1904b, 629–632 (mt. bothryophorus).—Linst., 1909a, 81.—Rail., 1916, RMv, 520.—Stiles & Hass., 1905b, 122.

bothryophorus Schuberg & Schröder in Schuberg, 1904b, 629–632 (in *Nephelis vulg.* (*Herpobdella atomaria*); Heid lberg; 1905a, 283; 1907c, 168–169.—Cognetti de Martiis, 1909, ArAS, 700–705, figs. 1–12 (in *Dichogaster itoloensis*).—Linst., 1909a, 82 (in N. v.).—Rail., 1916a, 520.—Schuberg & Schröder, 1904a, 509–521, pl. 30 figs. 1–11 (in N. v.; H.); 1904b, 63–64; 1904c, 309–310; 1905a, 283.—Stiles & Hass., 1905b, 122.

MYLONCHULUS Cobb, 1916, JP, 196 (tod. minor) (subg. of Mononchus) [but Cobb writes the combinations as generic]; 1917n, 440, 454–455.

brachyuris (Büetsch., 1873) Cobb, 1917n, 455.

brevicaudatus Cobb, 1917n, 438, 455, 472, fig. 54 to M. (My.) (about roots of plants in a cranberry bog; New Jersey).

denticulatus Cobb, 1916n, 438, 440, 455, 468, fig. 44 to M. (My.) (among fresh water algæ; Zambezi River, S. Africa).

incurvus Cobb, 1917n, 435, 438, 455, 468–469, fig. 47 to M. (My.) (in sandy soil in a cranberry bog; Arlington Farms, Va.).

inder (Cobb, 1906) Cobb, 1917n, 438, 455, 466–467 to M. (My.) (about roots of sugar cane; Hawaii Isl.).

japonicus Cobb, 1917n, 438, 453, 473 to M. (My.) (Mississippi Bay, Yokohama, Japan).

lacustris (Cobb, 1915) Cobb, 1917n, 437, 438, 445, 455, 471, figs. 5, 52 to M. (My.) (fresh water lakes; Michigan; about roots of ferns; Panama; in Silver Springs, Fla.).

MYLONCHULUS—Continued.

- micrurus* Cobb, 1917n, 438, 455, 468, fig. 46 to M. (My.) (about Litchi roots; Fukien, China).
- minor* (Cobb, 1893) Cobb, 1916, 196; 1917n, 438, 455, 472, fig. 53 to M. (My.) (cosmopolitan).
- obliquus* Cobb, 1917n, 438, 449, 455, 471, fig. 51 to M. (My.) (in soil; Germany).
- obtusicaudatus* (Daday, 1899) Cobb, 1916, 196; 1917n, 438, 455, 467, fig. 42 to M. (My.) (in fresh water; Berlinhaven, Salao Isl., New Guinea).
- polonicus* (Stefanski, 1915) Cobb, 1917n, 455, 472 to M. (My.).
- reversus* Cobb, 1917n, 434, 435, 438, 440, 455, 467, fig. 41 to M. (My.) (about roots of *Platonia insignis*; Rio de Jan., Brazil).
- signatus* Cobb, 1917m, 436, 438, 455, 469, fig. 48 to M. (My.) (U. S. A., Mexico).
- similis* Cobb, 1917n, 434, 438, 455, 470-471, fig. 50 to M. (My.) (about roots of banana plants; from Paris, Fr.) [not Cobb, 1893].—See *subsimilis*.
- sparsus* Cobb, 1917n, 438 440, 455, 468, fig. 45 to M. (My.) (in sphagnum from greenhouses; Wash., D. C.).
- subsimilis* Cobb, 1917n, 153, 184 (455, 486) [to *Mononchus* (My.)], *similis* 1917 renamed.
- subtenuis* Cobb, 1917n, 184 (486) [to *Mononchus* (My.)] (*tenuis* Cobb renamed).
- tenuis* Cobb, 1917n, 436, 438, 448, 455, 469-470, figs. 4, 49 to M. (My.) (about roots of plants; Arlington Farms, Va.).

MYORYCTES Eberth, 1863b, 530-535.

- weismanni* Eberth, 1863b, 530-535, pl. 37 (in *Rana temporaria*).—Cobbold, 1869a, 15 (Myoryktes).—Dungl., 1893a, 729 (Myoryctes).—Linst., 1876a, 16.—Rail., 1916, RMv, 520.—Rees, J. van, 1884a, 144.—Schuberg & Schröder, 1904a, 520.—Seur., 1916, 347 (in R. t.).

MYORYKTES Cobbold, 1896a, 15 (for Myoryctes).

MYZOMIMUS Stiles, 1892b, 65-66 (tod. scutatus); 1892c, 1-3.—Hall, 1916, 191 (so. Gongylonema).—Stiles & Hass., 1905b, 122.

- scutatus* (Leuck., 1873) Stiles, 1892b, 65-67, 1 fig. (s. *Spiropt. scutata oesophagea bovis*) (in cattle, horse; Poland, Hungary, Wash., D. C.); 1892c, 1-3, 1 fig.; 1892o, 126-133, pl. 17 figs. 1-29.—Cortelezzi, 1915, v. 11 (3), 153.—Neum., 1894d, 465 (3) [to *Gongylonema*].—Rail., 1893a, 541 (to G.).

NANNONCHUS Cobb, 1913, JWAS, v. 3 (16) 442 (mt. granulatus); 1917n, 453.

- granulatus* Cobb, 1913, 442 (about roots of aquatic plants; Potomac River, Arlington, Va.).

NANONEMA Cobb, 1905 in Stiles & Hass., 1905b, 122 (Cephalonema Cobb, 1893a [not Stimps., ante 1882] renamed, hence type *longicauda*).

- longicauda* (Cobb, 1893) Cobb, 1905, in Stiles & Hass., 1905b, 122.

NECATOR Stiles, 1903v, 312 (mt. Unc. americana; originally a subg. of Unc.);

- 1903k (1), 14; 1903xx, 302-303; 1914, MM, v. 2, 271; 1915, 1992 (statistics).—Braun, 1915a, 360.—Brimont & Ceillier, 1909, 421.—Brumpt, 1910a, 333; 1913a, 435.—Daniels & Stanton, 1907a, 350.—F., S., T., 1916a, 447.—Geddes, 1911a, 125.—Hall, 1916a, 119.—Lane, 1916, IJMR, 76; 1917, IJMR, 420, 422, 435, 437.—Linst., 1906, 90-91, 92.—Looss, 1905, 28 (diag.); 1911a, 195, 199, 201, 210, 213, 237, 259, 272, 334, 452, 538, 540, 556.—Mottet, 1914, v. 29, 2651-2653.—Pratt, 1916a, 222.—Rail. & Henry, 1909b, 170; 1910, v. 3 (5), 312; 1912, v. 14, 565 (g. of *Bunostomae*, *Strongylinae*).—Sl. & Sw., 1912a, 336-337.—Stiles & Hass., 1905b, 122.—Ward, 1916, 698, 700.

- africanus* Harris, 1910, circular 11, 11 (=americanus renamed).—Stiles, 1914, MM, v. 2, 272.

- africanus* n. sp. Looss., 1911a, 213-214, pl. 11 figs. 101, 102, pl. 12 fig. 114 (in *Anthropopithecus troglodytes*; W. Africa).

- americana* (Stiles, 1902) Stiles, 1906m, 313 (in *Homo*; Guam, Italy, Africa, China); 1906n, 111; 1907, 583; 1913, PHR, v. 28, 7-20; 1914, MM, v. 2, 272.—Aless., 1909, AdP, v. 13, 476.—Allan, 1910, 16, 17; 1910, 63.—Barlow, 1915, 272 (in H.; Spanish Honduras).—Bohm, 1909, v. 13 (1), 40 (Ceylon); 1909, v. 43 (9-12), 347.—Bohne, 1907, 534-535 (Liberia); 1908, v. 4 (3), 93 (L.).—Bonardi, 1909, OmRsp, v. 4, 397, 458.—Bordoni, 1912, v. 33, 105.—Braun, 1908a, 337, figs. 276-277; 1915a, 360, figs. 310-311.—Breinl, [1912], 44 (N. Queensland).—Brumpt, 1910a, 371; 1913a, 435.—Cast. & Chalm., 1910a, 433,

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(ANTARCTIC REGIONS) Linst., 1907, *PRSE*, v. 26 (6), 464–472, figs. 1–16; 1907, *JRMS*, (180) 555; 1909, *Rep. Voy. "Scotia,"* v. 5 (5), 45–51, pl. 1 figs. 1–16 (Scottish National Antarctic Expedition).

(EGYPT & SUDAN) Jægers., 1909, *RSZEE*, v. 3 (6), 1–66, pl. 1–4 figs. 1–23 (Swedish Zool. Expedition).

(TURKESTAN) Linst., 1883a, 274–314, pls. 6–9, figs. 1–52 (Fedtsch.); 1886c, 1–40, figs. 1–55.

Collections, museums: (BERL.) Linst., 1899b, 3–28, figs. 1–78; 1899, *AN*, v. 33, 902–903; 1907, *MzM*, v. 3 (3), 251–259.

(COLOMBO) Linst., 1904, *SZ*, v. 1 (4), 1–14, tab. 1–2; 1907, *AN*, v. 2 (3), 165–168.

(KÖNIGSB.) Linst., 1906, *AN*, v. 1 (3), 249–258, figs. 1–20.

(LOND.) Oerley, 1882b, 301–318, pl. 10 figs. 1a–3b; 1884a.

(WIEN) Drasche, 1883b, 117–138, pls. 7–10; 1884a, 107–118, pls. 3–5; 193–218, pls. 11–14.

Geographic distribution (fauna): (ANTARCTIC) Cobb, 1916, *JP*, v. 2 (4), 195.

(BOLOGOJE-SEB) Plotnikov, 1901a, 244–251, figs. 1–2.

NEMATODA—Continued.

Geographic distribution—continued.

(DEUTSCHLAND) Brakenhoff, 1914, AnV Bremen, v. 22, 266-331, pls. 1-3.

(HUNGARY) Ratz, 1900f, 178-186, pl. 5, figs. 1-10; 1904b, 17.

(INDIA) Stewart, 1916, RIM, v. 10, 165-193, pls. 1-6.

(IRELAND) Hewitt, 1913, IN, v. 22, 147-151, figs. 1-12.

(LAGOS) Connal, 1912, JLSTM, v. 1 (3) 229-237, figs. a-n.

(OSTPREUSSEN) Linst., 1906, v. 47, 111-114, figs. 1-7.

(ROUMANIA) Jaquet, 1899a, 312-314.

(SCOTLAND) Evans, 1915, SN (48), 360.

(S. TUNIS) Seur., 1913, BSHnA, v. 5 (6), 126-130, figs. 1-5.

Cytology: (GOTT.) Rhumbler, 1901a, 60-88, figs. 1-21; 1901b, 306.

(JENA) Bonnevie, 1901a, 275-288, pls. 1-2; 1901, ZC, v. 8 (19-20), 640.

Development: (ALGER) Maupas, 1899a, 563-628, pl. 1-2.

(BOLOGNA) Erc. & Vella, 1854d, 45-46; 1854e, 245; 1855a, 73-74.

(BUDAPEST) Oerley, 1877a.

(CAIRO, EGYPT) Looss, 1914, RESM, v. 4, 173-277.

(CHARKOW) Metschn., 1866a, 1-23; 1866c, 144.

(DARMSTADT) List, 1894a, 1-32.

(DEUTSCHLAND) Martini, 1906, VaG, v. 20, 266-274, figs. 1-5; 1907, v. 61, 23-27; 1908, JRMS, (5), 591; 1909, JRMS (3), 354.

(FRANCE) Jammes, 1894a, in 1-205, pls. 1-11 figs. 1-11; 1907, CrSB, v. 62, 137-139; 1907, JRMS (178), 305; 1910, v. 1 (1), 12.—Vaillant & Luton, 1879a, 1-108 figs. 1-55.

(FREIBURG IN BREISGAU) Ziegler, 1895a, 351-410, pls. 17-19; 1896a, 312-313.

(GOTT.) Linst., 1885d, 708-717, pl. 28 figs. 1-16; 1886d, 227; 1886e, 246-248.

(LEIPZIG) Leuck., 1866e, 195-235; 1866h, 208-215, pl. 1 figs. 1-6; 1866i, 245-247; 1866l, 331-347, 447-464; 1887b, 565-704, pls. 1-3; 1887c; 1887d, 95-97.

(LILLE) Hallez, 1885c, 205-208, 313-316; 1885d, 170-172; 1885e, 1-4; 1885f, 831-834; 1885g, 809-810; 1886b, 75.

(PADUA) Mol. 1860a, 706-716, pl. 1 figs. 1-4; 1861d, 491 (retrograde metamorphosis).

(TORINO) Perronc., 1904e, 285-291; 1904f, 202; 1905e, 873; 1907g, 157.

—, embryology: (LYON) Conte, 1902, AUL (8), 1-133, figs. 1-137; 1905, 30-31.

—, embryogeny: (BOLOGNA) Erc. & Vella, 1854a; 1854b; 1854c, 196.

(LILLE) Hallez, 1885h, 1-71; pls. 1-4; 1885c, 205-208; 1886a; 1887b, 24-25; 1887c, 517-522; 1877d, 400; 1887, 1-3.

—, reproduction: (ALGER) Maupas, 1900, AZeg, v. 8 (3), 5-8; 1900a, 463-624, pls. 16-26; 1901a, 534-536; 1904a, 3-4.

(FRANCE) Maupas & Seur., 1916, CrSB, v. 79 (13), 614-618.

(LEIPZIG) Leuck., 1884a, 320; 1884b, 455.

(MOSKOW) Gros, 1854b, 36-39; 1854c, 1069-1070; 1855a, 204-226, pls. 1-2; 1855, 1-23, pls. 1-2 figs. 1-29; 1-17.

(U. S. A.) Cobb, 1916, JP, v. 2 (4), 195.

Eggs: (CAIRO, EGYPT) Looss, 1914, HdT, v. 2, 386.

(LYON) Conte, 1900b, 375-376; 1904, 4 (les conditions du ponte).

(RUSSIA) Mayzel, 1879a, 31-33; 1879b, 280-282 (segmentation).

(WÜRZBURG) Meyer, 1895a, 1-20, pls. 1-2 figs. 1-27 (cytology).

—, chromosomes: (DEUTSCHLAND) Boveri, 1909, AZ, v. 4 (1), 132-141, figs. 1-2.—Gulick, 1911, AZ, v. 6 (3), 339-382, figs. 1-5, pls. 18-20 figs. 1-106.

—, fertilization: (BONN) Nussbaum, 1883a, 515.

(GENE) Clap., 1858b, 106-128; 1858c, 175-198; 1859a (b), 1-101, pls. 1-8.

(LEIPZIG) Munk, 1858a, 365-416, pls. 14-15 figs. 1-28.

Free-living: (BUDAPEST) Daday, 1913, 664-668.

(DEUTSCHLAND) Grube & Leuck., 1849, AN, v. 1, 157, 358.—Schep., 1908b, 385-392, pl. 25 figs. 1-18; 1908g, 592.—Schultze, 1857a, pl. 8 figs. 1-3.—Wierdorff, 1903, DZ, v. 28 (51), 1978-1980.

NEMATODA—Continued.

Free-living—continued.

- (FRANCE) Conte, 1900a, 374-375; 1904, 4.
 (GR. BRIT.) Bast., 1865c (monograph).—Potts, 1908, 1908. PCPS, v. 14, 373-375; 1909, JRMS, v. (2), 187 (sexual phenomena); 1910, QJMS, v. 55, 433-484, figs. 1-11.
 (HEIDELBERG) Büetsch., 1873a, 1-124, pls. 17-27; 1873b, 1-124, pls. 1-11; 1876a, 363-413, pls. 23-26.
 (KÖNIGSB. IN PR.) Braun, 1906a, 20.
 (LOND.) Bast., 1866c (monograph); 1868a, 163-175, pl. 26; 1910, L, v. 178, v. 1 (8), 532.
 (LUXEMBURG) Wasmann, 1898b, 18-19.
 (NETHERLANDS) Man, 1904a, 1-51, pls. 1-11; 1907, AN, v. 2 (8), 170; 1907, ZC, v. 14 (18), 559.
 (U. S. A.) Cobb, 1913, S, v. 37, 498.
 —. anatomy: (JENA) Rauther, 1907a, 703-738, figs. A-G, 1-9; 1907b, 71-72; 1908, JRMS (5), 591 (œsophagus).
 (LOND.) Bast. 1865a, 371-374; 1866a, 545-638; 1865b, 197-200.
 (PETROGRAD) Filipjev, 1912, TSN, v. 43 (1), 220-222; 1913, CZaeB, v. 3 (5), 183 (nervous system).
 (U. S. A.) Cobb, 1916, JP, v. 2 (2), 95 (spinneret).
 —, filter-bed: (U. S. A.) Cobb, 1916, JP, v. 2 (4), 198.
 —, freshwater: (ALPINE REGIONS) Micol, 1913, SAW Wien, v. 122 (1), 111-122; (4), 543-548; 1914, ZJ, v. 36, 331-546, pls. 9-19; 1914, VGdNA, v. 85 (1), 692-695; 1915, ZJ, v. 38 (3-4), 245-274, pl. 25, figs. 1a-1d.
 (DOUGLAS LAKE, MICHIGAN) Cobb, 1915, TAMS, v. 34 (1), 21-47.
 (HUNGARY) Daday, 1897, ZJ, v. 10, 91-134; 1897, JRMS, 290; 1897, ZC, v. 4, 746-747.
 (INN RIVER, AUSTRIA) Stefanski, 1916, ZA, v. 46 (12), 362-368.
 (LAKE BALATON, HUNGARY) Daday, 1897, 81-119, figs. 50-104.
 (LAKE LÉMAN) Hofmæn., 1913, RsZ, v. 21, 589-658, pls. 1-2.
 (NETHERLANDS) Man, 1880a, 1-104; 1884a, 1-206, pls. 1-34 figs. 1-145.
 (N. AMERICA) Cobb, 1914, TAMS, v. 33 (2), 69-134, fig. 1, pls. 2-8 figs. 1-25; 1914, 25-99, fig. 1, pls. 2-8, figs. 1-25.
 (NEW ZEALAND) Cobb, 1904, 363-364, figs. 1-4; 1905, 316.
 (PARAGUAY) Daday, 1905, Z, v. 18 (44), 48-71, pls. 2-5; 1907, AN, v. 2 (3), 23.
 (SEINE RIVER) Man, 1907, ABL, v. 2 (1-2), 9-29, pls. 1-3, figs. 1-5g.
 (THAMES RIVER) Friend, 1911, N, v. 87, 551; v. 88, 244.
 (U. S. A.) Cobb, 1913, JWAS, v. 3 (16), 432-444, fig. 1.
 (VIERWALDSTÄDTER-SEE) Daday, 1906, ZA, v. 30 (13-14), 413-415, figs. 1-5.
 —, geographic distribution: Steiner, 1916, ZA, v. 46 (12), 337-349.
 (ALPINE REGIONS) Menz., 1914, AN, v. 80, 1-98, pl. 1 figs. 1-16.
 (ARABIA) Cobb, 1890b, 449-468.
 (AUSTRALIA) Cobb, 1893b, 252-308, figs. 1-10; 1894a, 38.
 (BOLOGOJE-SEE) Plotnikov, 1901a, 244-251, figs. 1-2.
 (CARNIOLA) Joseph, 1879a, 76-78; 1879b, 275-277 (in a grotto).
 (DENMARK) Ditlevsen, 1912, VMNF, v. 63, v. 3, 213-256, pls. 2-5 figs. 1-48.
 (FALKLANDS) Baylis, 1916, AMNH, v. 17, 288-298, figs. 1-4.
 (FIJI) Cobb, 1893b, 252-308, figs. 1-10; 1894a, 38.
 (GENEVA) Stefanski, 1913, ASpn, v. 35 (3), 304-305.
 (IRELAND) Southern, 1914, PRIA, v. 31, 1-68.
 (LEMAN) Hofmæn., 1912, BSvSn, v. 48, lv-lvi; 1912, 10-11.
 (POLAND) Stefanski, 1915, ZA, v. 45 (8), 346-349, figs. 1a-3b.
 (QUARRERO) Daday, 1901, Tf, v. 24, 433-457, pls. 1-3.
 (TRIESTE) Menz., 1912, RsZ, v. 20 (11), 535-542, figs. 1-2.

NEMATODA—Continued.

Free-living, geographic distribution—continued.

- (SWITZ.) Hofman. & Menz., 1914, ZA, v. 44 (2), 80-91, figs. 1-10; 1915, RsZ, v. 33 (5), 109-243, pls. 4-6 figs. 1-20.—Steiner, 1914, RHP, v. 9 (2), 259-276, 420-438, figs. 1-29, 1-38.
- , in soil: (BONN) Greef, 1870a, 87-90; 1870, 1-4.
- (L'ILE DE WALCHEREN) Man, 1906, ASrzm, v. 41, 156-174, figs. 1-19.
- (NETHERLANDS) Man, 1876a, 78-196, pls. 3-13 figs. 1-51; 1876b, 1-119, pls. 3-13 figs. 1-51; 1880, 1-104; 1881a, 138-143.
- (U. S. A.) Cobb, 1913, JWAS, v. 3 (16), 432-444, fig. 1.
- , marine: Johns., 1912, N, v. 89, 320-321.
- (ANTARCTIC REGIONS) Cobb, 1914, 1-33, figs. 1-2, figs. 1-25.
- (AUSTRALIA) Cobb, 1898d, 383-407.
- (CETTE) Rouville, 1903a, 1002-1003; 1903b, 1526-1527; 1903c, 1527-1529 (canal des Bourdigues); 1905a, 788-797; 1907a, 23.
- (CHILKA LAKE, INDIA) Stewart, 1914, RIM, v. 10 (4), 245-254, pls. 30-32 figs. 1-27.
- (FORTH, SCOTLAND) Murray, 1906a, 164-165.
- (GULF OF FINLAND) Schneid., 1906c, 1-40, pls. 1-2 figs. 1-18b; 1906d, 625-627.
- (GULF OF NAP.) Man, 1877a, 88-119, figs. 1-19c; 1877b, 1-31, figs. 1-19c.—Tuerk, 1903a; 1903-04a, 281-348, pls. 10-11.
- (KIEL) Büetsch., 1874b, 237-292, pls. 1-9 figs. 1-39.
- (KOLAEFORD AND MOGILNOJE) Savelev, 1912, TSN, v. 43 (1), 73-74, 108-126, 1913, CZaeB, v. 2 (7-8), 255.
- (N. SEA) Man, 1886a, 1-82, pls. 1-13; 1888a, 1-51, pls. 1-4 figs. 1-20; 1889b, 1-10.
- (SUMATRA) Steiner, 1915, Z. J., v. 38 (3-4), 223-244, pls. 22-24 figs. 1-30.
- (ZEALAND) Man, 1907, TNDV, v. 10 (3), 227-244; 1907, MSz, v. 20 (1), 33-90, figs. 1-17b; 1908, JRMS (182), 49.

Histology: (BERL.) Martini, 1908, AA, v. 32, 132-134.

- (DEUTSCHLAND) Quack, 1913, AZ, v. 11 (1), 1-50, figs. a-h, pls. 1-3 figs. 1-36; 1-18.

- (PETROGRAD) Schimkewitsch, 1899b, 407-410, figs. 1-2.

Nematology, rhabditin: (U. S. A.) Cobb, 1914, JP, v. 1, 40-41, pl. 1.

Parasitic: (AFRICA) Clapier, 1917, BSPe, 560-563 (Liberia, Guinea).—Leiper, 1911, PSZL, (2), 549-555, figs. 140-144.

- (BRAZIL) Trav., 1917, Bm, v. 31, 35.

- (FRANCE) Seur., 1913, 623-643, figs; 1916, 297-377, figs. 1-14.

- (GETT.) Linst., 1906, ZJ, v. 24, 1-20, pl. 1; 1906, JRMS, (175), 672; 1909a, 47-83, figs. 1-80.

- (GR. BRIT.) Collett, 1897, Microscope, v. 5, 133-135.—Bast., 1865a, 371-374; 1865b, 197-200; 1866a, 545-638, pls. 22-28.

- (KÖNIGSB.) Braun, 1906a, 20.

- (ZOOLOGICAL GARDENS, LOND.), Shipley, 1894a, 531-533, pl. 35 figs. 1-6.

- (NAP.) Paladino, 1863a, 137.

- (NEW S. WALES) Cleland & Johnst., 1910, RGBM, 91-99.

- (PHILA.) Tyson, 1903a, 1189-1198.

- (TORINO) Cognetti de Martiis, 1909, ArAS, v. 44 (13), 699-706, pl. 1 figs. 1-12.

- (WARSAW) Nasonov, 1900b, 488-513, pls. 1-3; 1904a, 4-5.

- (WASH., D. C.) Rans., 1907k, 1-7; 1908, VJ, v. 64, 309-314.

—, diseases due to: (BOMBAY) Dalal, 1904, BMJ, v. 1, 835.

- (CAMBRIDGE, ENG.) Shipley, 1909, JEB, v. 4, 61-71.

- (EAST) Breinl, 1914-15, JTMH; v. 18, 173-178.

- (FRANCE) Fauré & Marotel, 1902a; 1903a, 188.

- (GR. BRIT.) Bast., 1880a, 68-77, figs. 1-3 (outbreak on "Cornwall").—Fleming, 1884a, 400-403.—Whittles, 1903a, 1435-1437, figs. 1-6; 1903b, 952; 1903c, 57; 1904c, 60; 1905b, 406-407.

NEMATODA—Continued.

Parasitic diseases due to—continued.

- (ITALY) Perronc., 1881u, 350–358, 461–468, pl. 3 figs. 1–11.
- (TUNIS) Weinberg & Romanovitch, 1909a, 3; 1909b, 355–356; 1909c, 130–131; 1909d, 841–842; 1910a, 603–604; 1910b, 44–46.
- (U. S. A.) Brown, 1906, AJO, v. 53, 852.
- (MISCELLANEOUS) Musser, 1913a, 530.
- , hosts of, *Allobophora*: (CAMBRIDGE, ENG.) Shipley, 1906b, 522.
- , —, *Ancistrodon contortrix*: (AUSTRALIA) McAlpine, 1891a, 36–39, pl. 8 figs. 1–10.
- , —, *Aves*: (GR. BRIT.) Zoologist, 1898, v. 2, 413–416.
- (NEW YORK) Packard, 1893a, 111.
- (RUSSIAN TURKESTAN) Skrz., 1916, AMz Petrograd, v. 20, 457–557 (1–101), figs 1–58, pl. 8 figs 40, 41, 54, 59.
- (SWITZ.) Volz, 1899b, RsZ, v. 6, 189–198.
- , —, bark-beetles: (DRESDEN) Fuchs, 1914, VGdNA, v. 84 (2), 688–692; 1914, RAE, v. 2 (6), 375; 1915, ESR, c. 33 (8), 750.
- , —, *Beatrix antelope*: (U. S. A.) Gibbes, 1884a, 483–484, pl. 36.
- , —, *Bos*: (ANNAM) Rail. & Henry, 1912, BSPE, v. 5 (2), 115–118.
- (DELI-SUMATRA) Vrijburg, 1907k, 321–332, pls. 1–5; 1908a, 267; 1908f, 276–277.
- (DEUTSCHLAND) Schiel, 1906a, 435–436.
- (FRANCE) Piettre, 1912, HVL, v. 6 (9), 473–488.
- (INDIA) Cleland, 1907, JTVS, v. 2 (1), 67–68.
- (U. S. A.) Stiles, 1901q, 1–8; 1901t (1902a), 356–379; 1902m, 7–14; 1902n, 580–586; 1902o, 388–391; 1902qq, 223–229; 1903ww, 110; 1904b, 286; 1905dd, 27–28.
- , —, *Calotes versicolor*: (LOND.) Cobbold, 1859d, 366.
- , —, *Canis*: (CALCUTTA) Hart, 1873a, 21–22.
- (FRANCE) Chauvrat, 1890a, 489–498.—Magnie, 1870a, 861–862.—Mégn., 1879l, 223.—Rail., 1889, RMv, v. 6 (3), 128–131.—Rail. & Henry, 1913, RMv, v. 90, 209–215, figs. 1–6.
- (GR. BRIT.) Theobald, 1898a, 21–24.—Wilkins, 1878a, 353–354.
- (NEDERL. INDIE) Vrijburg, 1899a, 212–213.
- (U. S. A.) Gaylord, 1913, JAMA, v. 60 (25), 2022.
- , —, *Capra*: (U. S. A.) Stiles, 1901q, 1–8; 1901t (1902a), 356–379; 1902m, 7–14; 1902n, 580–586; 1902o, 388–391; 1902qq, 223–229; 1903ww, 110; 1904b, 286; 1905dd, 27–28.
- , —, *Cavia cobaya*: (NEW YORK) Oliver, 1912, S, v. 36, 800–801 (ectoparasitic).
- , —, *Cecidomyiidae* (Giard, 1894c, cccxi–cccxi).
- , —, *Chironomus*: (ITALY) Corti, 1902a, 105–113; 1902b, 118–119; 1902c, 527; 1905, AN, v. 2 (3), 47.
- , —, *Coluber blumenbachii*: (LOND.) Cobbold, 1859d, 365.
- , —, *Dibolia cryptocephala*: (DEUTSCHLAND) Prowazek, 1900b, 19–20, fig. 1.
- , —, *Dicotyles torquatus*: (LOND.) Cobbold, 1859d, 365, figs. 28.
- , —, *Diporochata grandis*: (AUSTRALIA) Buchanan, 1910, PRSV, v. 23 (1), 99–101, pls. 20–21, figs. 1–5 (Queensland).
- , —, *Dolichotis patagonicus*: (FRANCE) Mégn., 1895c, 173–176, fig. 1.
- , —, *Equus*: (FRANCE) Giard, 1880f, 281–282.
- (GR. BRIT.) Theobald, 1898a, 21–24.
- (INDIA) Gunn, 1884a, 315–316, fig. 1.—Hart, 1874a, 666–670.
- (LOND.) Vet., 1876, v. 49 (258), 392–393.
- , —, *Felis dom.*: (DEUTSCHLAND) Widakowitch, 1905a, 447–450, figs. 1–8; 1905b, 158.
- , —, fishes, freshwater: (U. S. A.) Ward & Magath, 1917, JP, v. 3 (2), 57–64, pl. 1 figs. 1–11.
- , —, fur seal: (U. S. A.) Stiles & Hass., 1899a, 101ff.

NEMATODA—Continued.

- Parasitic hosts of, *Galago*: (GUINEA) Ben., 1890a, 389-393, figs. 1-7; 1891a, 509-510.
- , —, *Gallus dom.*: (DEUTSCHLAND) Ciur. a. 1914, ZlpKHH, v. 15, 49-60, pls. 1-2.
- (GR. BRIT.) Theobald, 1898a, 21-24
- , —, grouse: (CAMBRIDGE, ENG.) Shipley, 1909f, 263-279; 1909i, 355.
- , —, *Homo*: (BRAZIL) da Matta, 1916, Bm, v. 30 (15), 121-124; (17), 131-132; 1916, TDB, v. 8 (8), 515.
- (DEUTSCHLAND) Martin, 1775b, 431.
- (FRANCE) Bourel-Roncière, 1878, AMn, v. 30, 113-134, 192-214.—Cavalier, 1829a, 267-276.—Garin, 1913, 1-160, figs. 1-55.
- (GR. BRIT) Fagge & Pye-Smith, 1902a, 461-475.—Green, 1856a, 41-42; 1856b, 122-125.—Landon, 1907, BMJ, v. 1, 200 (Caesarean section complicated by).
- (ITALY) Addario, 1885, 135-148, pl. 1 (eye).—Par., 1881b, 8, pls. 9-10.
- (KÖNIGSBERG. I. PR.) Braun, 1906a, 25, 302-303.
- (LOND.) Mans., 1901c, 544-562.—Sansom, 1893a, 17-21.
- (HAMBURG) Paulsen, 1914, MmW, v. 61, 385-386 (in a carcinoma of the breast).
- (U. S. A.) Love, 1910, MS, v. 27 (4), 380-382; 1911, HR, v. 21 (9), 525.—Sanborn, 1906b, 67-69.—Stiles, 1914, MM, v. 2, 270.—Ward, 1903l, 205-225.
- , —, *Hylobius abietis*: (DRESDEN) Fuchs, 1915, ZJ, v. 38, 108-222, figs. 1-2.
- , —, *Hyracoidea*: (U. S. A.) Hall, 1916a, v. 50, 1-258, figs. 1-290.
- , —, insects: (KANSAS) Merrill & Ford, 1916, JAR, v. 6 (3), 115-127, figs. 1-3.
- , —, *Ips typographus*: (DRESDEN) Fuchs, 1915, ZJ, v. 38, 108-222, figs. 1-2.
- , —, *Lagomorpha*: (U. S. A.) Hall, 1916a, 1-258, figs. 1-290, pl. 1.
- , —, *Lagopus scoticus*: (CAMBRIDGE, ENG.) Shipley, 1909p, 335-350, pls. 48-55, figs. 1-46; 1910, JRMS, (2), 171.
- , —, *Lanius*: (BÖHMEN) Spinka, 1900, TC, v. 23 (19), 312.
- , —, *Lepus*: (GR. BRIT.) Nicoll, 1911, PZSL, 674-676, figs. 1-3.
- , —, *Limax griseus*: (FRANCE) Barthélemy, 1858a, 41-48, figs. 8-15; 1859a, 230-231; 1859b, 515; 1859c, 239.
- , —, *Lumbricus*: (CAMBRIDGE, ENG.) Shipley, 1902f, 619-623; 1903a, 418-419; 1905b, 42.
- , —, mammals: (CEYLON) Meyer, 1896a; 1896b, 54-82, figs. 1-25; 1895c, 627-628; 1897a, 94-95.
- (ITALY) Rizzo, 1901a, 309-317, figs. 1-3; 1904a, 796.
- , —, *Merlangus vulg.*: (FRANCE) Fourm., 1884a, (b), 1-8, pl. 14 figs. 1-11.
- , —, *Mus*: (F. A. M.) Fibiger, 1913, BkW, v. 50 (16), 762-763, figs. 1-2.—Löwenstein, 1913, BkW, v. 50 (16), 761-762.
- , —, *Musca*: (FRANCE) Chatin, 1877b, 305-306.
- , —, *Oligochætes*: (ITALY) Pierantoni, 1916, BSN, v. 8, 139-163, pls. 1-5.
- , —, *Ovis*: (ENGL.) Blgr., 1914, P, v. 7, 240-249, figs. 1-4.—Hornby, 1913, JSEAC, 540-544.—Penberthy, 1897a, 381-390; v. 45, 113-114; 1897b, 238-251.
- (INDIA) Giles, 1892d, 45-47, pl. 1 figs. 1-9.
- (LOND.) Cobbold, 1876r, 673-676.
- (MÜNSTERHAUSEN) Goldbeck, 1894a, 1-38, pls. 1-10.
- (U. S. A.) Stiles, 1901q, 1-8; 1901t (1902a), 356-379; 1902m, 7-14; 1902n, 580-586; 1902o, 388-391; 1902qq, 223-229; 1903ww, 110; 1904b, 286; 1905dd, 27-28.
- (WIEN) Koch, 1883a, 1-32; 1883b, 17-28, 33-38, 65-68, 97-99, 113-122, pls. 1-6 figs.
- , —, *Periplaneta orientalis*: (DEUTSCHLAND) Bütsch., 1871a, 252-293, figs. 1-29a.
- , —, *Reptilia*: (FRANCE) Rail. & Henry, 1912, BSPe, v. 5 (4), 251-259, figs. 1-3.
- , —, "Rinchite dell'Olio": (ITALY) del Guercio, 1914, Redia, v. 9, 233-234.

NEMATODA—Continued.

- Parasitic, hosts of, *Rodentia*: (U. S. A.) Hall, 1916a, v. 50, 1-258, pl. 1 figs. 1-290; 1916, RMv, v. 92 (15-16), 517-521.
- , —, ruminants: (U. S. A.) Rans., 1911a, 13, 24, 26, 99, 104, 110; 1917, TASTM (for 1916), 80-84 (transmissible to Homo).
- , —, *Sagitta*: (ITALY) Pierantoni, 1914, ICZ, 663-664.
- , —, *Sturnus vulg.*: (ITALY) Zannini, 1908a, 177-179.
- , —, *Sus*: (FRANCE) Perrin, 1851a, 158-160.
- (LEIPZIG) Züern, 1881a, 108-110, figs. A-B.
- (WASH., D. C.) Foster, 1912, B158, BAI, 1-47, figs. 1-28, pl. 1.
- (WITTENBERG) Duncker, 1881b, 55.—Fischer, 1881a, 39.
- , —, *Tania pusilla*: (CHARKOW) Dampel, 1901a, 37-43, figs. 1-2; 1901, TSNUK, v. 35, xxxv-xliii; 1902a, 118.
- , —, termites: (FRANCE) Lespès, 1856a, 335-336, pl. 8 figs. 9-15; 1857a, 388-390.
- , —, *Testudo græca*: (WIEN) Drasche, 1884b, 325-330, pl. xix.
- , life history, development, etc.: (DEUTSCHLAND) Dewitz, 1899a, 91-92; 1899b, 160.
- (FRANCE) Jammes & Martin, 1908, 162-163; 1910, CrAS, v. 150, 418-419 (adaptation to temperature of host); 1910, CaeB, v. 1 (1), 12; 1910, Rs, v. 48 (9), 286; 1910, CrAS, v. 151, 250-251 (rôle of chitin); 1910, Rs, v. 48 (5), 155; 1910, Rv, v. 35 (9), 555-556.—Martin, 1913, ASn, v. 18 (1-2), 1-151.—Seur., 1912, CrSB, v. 73, 279-281, figs. 1-2; 1913-14, ICZ, v. 1, 31-32; 623-645, figs. 1-20.
- , mode of infection: (BRIT. GUIANA) Kennard, 1904a, 1379.
- (DEUTSCHLAND) Lühe, 1906, SPœG, v. 47, 97-103; 1906, JTM, v. 9 (21), 339-340; 1906, Bdl'IP, v. 4 (16), 695.
- (GR. BRIT.) Bast., 1904, L, v. 166, v. 1 (12), 833.
- , treatment (therapeutic): (BRUXELLES) van den Eeckhout, 1915, IVC, (10), v. 3, 727-732; 1915, Cv, v. 38 (7-8), 344-345.
- (FRANCE) Rail, 1915, RMv, v. 91 (15), 490-513; 1915, IVC, (10), v. 3, 732-753.—Steffani, 1906a; 1908a, 458 (garlic).
- (GR. BRIT.) Anderson, 1864, 443-445 (santonine).
- (IRELAND) Craig, 1915, IVC, (10), v. 3, 754-780; 1915, MVB, v. 7 (1), 18-27; 1915, AVR, v. 46 (5), 490-509; 1915, VR, v. 28, 86-93, 99-102; 1915, AJVM, v. 10 (12), 942-952, 974; 1916, MVB, v. 7 (2), 54-58.—Gaiger, 1915, VR, v. 28, 128-130.
- Of plants: (BOMBAY) Carter, 1861, TMPS, 1 (in fungus on tamarind trees).
- (CAIRO) Preyer, 1902a, 240-242 (banana plant).
- (DEUTSCHLAND) Marcinowski, 1909, AbAB, v. 7 (1), 1-192, figs. 1-76, pl. 1 figs. 1-14; 1910, CfB, v. 26 (4-5), 129-132; 1910, v. 46 (16), 493.—Noack, 1898a, 137-142, 202-203, pl. 1 (coffee).—Schwartz, 1911, MK, v. 7, 265-267.
- (FRANCE) Chatin, 1880b, 362.
- (MICHIGAN) McClintock, 1915, MAES, 1-23 (in root-knot).
- (PRETORIA, S. AFRICA) AJUSA, 1911, v. 2 (6), 709 (carnation).
- (QUEENSLAND) Tryon, 1909a, 100-102 (root gall).
- (RIO DE JANEIRO) Goeldi, 1892a, 7-123, figs. 1-44 1 map.; 1894, JRMS, (4), 452 (coffee).
- (SWITZ.) Osterwalder, 1901a, 337-346, figs. a-h, pl. 1488 figs. 1-10; 1901b, 281-283, pl. 1; 1903a, 338-342, figs. 1-5.—Schellenberg, 1901a, 57-58.
- (U. S. A. AND AUSTRALIA) Cobb, 1893a, 31-56; 1893, AG, v. 4 (10), 808-833, figs. 29-46; 1894b, 38; 1906, v. 6, 163-195 (inhabiting soil about roots of cane).
- Relationships: (DEUTSCHLAND) Rauther, 1909, EFZ, v. 1, 491-596, figs. 1-21.
- (U. S. A.) Cobb, 1915, YUSDA, 457-490, figs. 26-45.
- species Boynton & Wharton, 1916, 353 (in cow; P. I.).
- species Frese, 1907, MmW, (11), 512-514, figs. 1-2 (in Homo; Halle a. S.).
- species Galeb, 1878b, 298 (in *Hydrophilus*; Cayenne); 298 (in *Phyllhydrus rotundatus*; New York).

NEMATODA—Continued.

species Leidy, 1852b, 243, pl. 11 fig. 47 (in intest., *Armadillo pillularis*); 243, pl. 11 fig. 48 (in *Lumbriculus limosus*, cysts of skin); 241-243, pl. 11 figs. 42-45 (in *Passalus cornutus*, cav. abd.); 243, pl. 11 fig. 46 (in *Passalus cornutus*, thoracic cav.).

species (immature) Lint., 1905d, 331, 350 (in *Galeichthys milberti*; Beaufort).
species Hamilton, 1915, 141-143, pls. 3, 4 (in *Balænoptera musculus*, *B. sibbaldii*, *Megaptera longimana*).

species Massa, 1886a, 89 (in *Ateucus sacer*; Pisa).

species Schneid., 1875, 598, 603, pl. 22 figs. 85-86 (in *Audouinia lamarkii*).

species Shipley & Hornell, 1904a, 102 (in *Tæniura melanospilos*).

species Sons., 1896g, 117 (in *Salamandrina perspicillata*).

species, also reported for *Ardea cinerea*, *Bufo viridis*, *Felis dom.*, *Naja haje*, *Varanus niloticus*.

Of sugar-beets: (BERNBURG) Krüeger, 1911, BfZ, v. 18 (17), 294-300; (18), 311-313.—Wilfarth, 1900a, 195-204; 1902a, 681-687; 1902b, 283-285, 287; 1903a, 296.—Wilfarth & Wimmer, 1903a, 1-41, pls. 1-15; 1903b, 296-298.—Wimmer, 1904a, 1719-1725, figs. i-vii; 1905a, 53-54.

(BÖHMEN) Vaňha, ?, 1-12.—Vaňha & Stoklasa, 1896a, 1-96, pls. 1-3, figs.

(CHICAGO) Shaw, 1915, 1-55, figs. 1-3, pls. 1-8.

(DEUTSCHLAND) Hollrung, 1901, BfZ, v. 8 (8), 114-116.—Schmidt, 1871a.—Schneidewind, 1902, BfZ, v. 9 (18), 280-283, 286.

(FRANCE) Girard, 1887a, 522-524; 1887b, 512-513.—Larbaletrier, 1898a, 310-312, figs. 1-6.

(SCHLANSTEDT) Rimpau, 1901a, 113-114.

(STUTTGART) Nomec, 1911, ZP, v. 21 (1-2), 1-10, figs. 1-6.—Vogel, 1882a, 223-224.

(WIEN) Stift, 1912, OÜZZL, v. 41 (3), 417-498; 1913, ESR, v. 28 (5), 446.

Technique: (CAIRO) Looss, 1914, HdT, v. 2, 386.

(FRANCE) Langeron, 1905a, 749-750; 1907, CfB, v. 39 (6-7), 222-223 (lactophenol de Amann pour le montage).

Miscellaneous: (BRUXELLES) Enschedé, 1900, JmB, v. 5, 153-154.

(FRANCE) Bail., 1867a, 140-141, 190-196 (vitality).—Rail., 1892l, 703-704; 1893e, 123.

(GIESSEN) Schneid., 1856a, 192-197; 1857a, 111-112 (spermatozoa).

(HAMBURG) Paulsen, 1913, MmW, v. 60 (34), 1909-1910.

(HUGHESVILLE, Md.) Carrico, 1887a, 516.

(LEIPZIG) Leuck., 1886c, 743-746; 1887i, 241-242.

(LOND.) Marcet, 1865a, 69-70.

(PETROGRAD) Sokolovski, 1888a, 415-416.

(PHILA.) Mast & Root, 1916, JEZ, v. 21 (1), 33-49, figs. 1-5.

(U. S. A.) Cobb, 1902b, 1023-1030, figs. 1-5 (the nematode formula); 1902c, 1-8, figs. 1-5, 1905; 33.—Stiles, 1892s, 972.

(WASH., D. C.) PSI, 1915, (2359), 171-176 (nomenclature official list).

(MISCELLANEOUS) Hollrung, 1905, 570.

NEMATODIRUS Rans., 1907k, 1-7 (tod. filicollis); 1908, v. 64, 309-314; 1911a, 14, 20, 21, 23, 49, 82, 85, 86.—Braun, 1915a, 347.—Cast. & Chalm., 1913a, 551.—F., S., & T., 1916a, 438.—Gedölst, 1911a, 120.—Hall, 1916a, 123, 131-132, 133, 136; 1916b, 518.—Nev.-Lem., 1912a, 645; 1914, BSzF, v. 39, 293-296, figs. 1-2 (Strongylidæ) (subg. *Nematodirus* and *Mecistocirrus*).—Rail. & Henry, 1909a, 86, 87 (zebu et bœuf); 1912, 565; 1912, BSzF, 35-39.—Seur., 1917, CrSB, 354.—Trav., 1914, Bm, 326 (5).

didelphis Trav., 1914, Bm, 326 (5) to (*Mecistocirrus*) (in *Didelphis aurita*; Rio de Janeiro).

digitatus (Lint., 1906) Rail. & Henry, 1909a, 87 (in zebu, bœuf); 1912, BSzF, 37-38 to (*Mecistocirrus*) (in *Bos*; Sumatra).—Blgr., 1915, P. 136.—Gedölst, 1911a, 120 (in ox, zebu).—Nev.-Lem., 1912a, 715; 1914, BSzF, 296, fig. 2 to (*Mec.*, type).—Rans., 1911a, 14, 82, 85-86, 121 (in *Bos indicus*; Ceylon).

NEMATODIRUS—Continued.

- filicollis* (Rud., 1802) Rans., 1907k, 4 (in cattle & sheep; Europe & U. S. A.); 1911a, 14, 82-85, 86, 107, 121, 122, 123, figs. 87-92 (in *Antilocapra americana*, *Bos taurus*, *Capra hircus*, *Capreolus capreolus*, *Dama dama*, *Ovis aries*; U. S. A., Europe, New Zealand, Australia).—Blgr., 1914, P, v. 7 (3), 246 (in small intest., *Ovis aries*; Eng.); 1915, P, v. 8, 133-155, figs. 1-5, pls. 8-9.—Fiebiger, 1912a, 271.—Gedöelst, 1911a, 120, fig. 162 (in sheep).—Hall, 1916a, 132, 133, 135.—Ihle, 1917, 165, 167, 170.—Maupas & Seur., 1913, CrSB, 36, figs. 5-7.—Mote, 1914, 28.—Nev.-Lem., 1912a, 707, 717; 1914, BSzF, v. 39 (7), 294, 296, fig. 1, to (*Nematodirus*).—Pillers, 1914, VR, v. 27, 329-330, fig. 1.—Rail. & Henry, 1909a, 87; 1912, BSPE, 36, 37 (in mouton, chèvre).—Seur., 1913, 76, 82, 87, figs. 5-7; 1913, 126; 1913, CrSB, v. 74, 954-956, 1 fig. (in gundi); 1914, 636, 638; 1915, v. 78, 20 (intest., *Ctenodactylus gundi*; Sud-tunisien); 1915, 177.—Wolffh., 1911, 65.
- fordi* Leiper, 1911, v. 1 (1), 18.—Blgr., 1915, P, 136 (in man, pig).—Braun, 1915a, 348.—Brumpt, 1913a, 462.—Rail. & Henry, 1912, BSPE, v. 5 (1), 38-39 to (*Mecistocirrus*) (s. *Str. fordii*, gibsoni) (in Bos; India); 1912, 566 (so. gibsoni).
- gibsoni* (Stephens, 1909) Rail. & Henry, 1912, AdP, 566 (s. ? *Nematodirus fordii*) (in Homo).
- hopkeni* Leiper, 1910, PZSL, 233-234, fig. 26 (in Hippopotamus; Victoria Nile).—Rail. & Henry, 1912, BSPE, 37 (in hippopotame).
- mauritanicus* Maupas & Seur., 1912, CrSB, v. 73, 628-632, figs. 1-10 (in dromadaire; Ghardaia, Mزاب); 1913, CrSB, 36, figs. 3-4.—Blgr., 1915, P, 136.—Seur., 1913, 82, figs. 3-4; 1914, 635, 636, figs. 3-4.
- neotoma* Hall, 1916a, 132, 136-138, figs. 172-180 (in *Neotoma cinerea rupicola*, *N. desertorum*, *N. floridana baileyi*, *N. mexicana fallax*; Colo.).
- rosceidus* Rail., 1911 in Brumpt, 1911, CrAS, 907, 908 (in cerf; France).—Blgr., 1915, P, 136.—Rail. & Henry, 1912, BSPE, 37 (in c.; Europe).
- spathiger* (Rail., 1896) Rail. & Henry, 1909a, 87; 1912, BSPE, 36, 37 (in bœuf, mouton).—Blgr., 1914, v. 7 (3), 246; 1915, P, 136, 137, 138.—Gedöelst, 1911a, 120 (in dromadaire).—Hall, 1916a, 132, 133-135, figs. 166-171 (in *Ctenodactylus gundi*; U. S. A., Europe, New Zealand, Australia, Tunis).—Ihle, 1917, 170.—Nev.-Lem., 1912a, 715.—Rans., 1911a, 14, 82, 85, 123 (in *Camelus dromedarius*; France).
- weinbergi* Rail. & Henry, 1909a, 87 (in Chimpanze; Weinb. & Romanovitch, 1908, 185-186, fig. C); 1912, BSPE, 36-37 (in C.).

NEMATODUM Dies., 1861a, 724-726 (for Nematodeum) [It is doubtful whether this should be interpreted as a generic name. It seems rather to be an indefinite collective name "Nematode"].

- bovis-tauri* Dies., 1861a, 724 (in eye, *Bos taurus*; Gohier, 1813, 435).—Ward, 1895a 334 (in B. t.).
- clyti* Linst., 1892, [nv.].—Seur., 1916, Bs, 364 (in *Clytus arcuatus*).
- fulicæ-atræ* Dies., 1861a, 724 (in *Fulica atra*; Crisp., 1855, 223).
- gamasi* Linst., 1892a, 327-328, 342, fig. 8 (in *Gamasus coleoptratorum*; Ing.).—Seur., 1916, 359 (in G. c.).
- limacis-atræ* Dies., 1861a, 725 (in *Limax ater*; Sieb., 1848, 2).
- lumbriæ* Dies., 1861a, 725 (in *Lumbricus* sp.; Lieberk., 1855, v. 26, 20, pl. 11 figs. 12-13).
- lumbriculi-limosi* (Leidy, 1852) Dies., 1861a, 725 (s. *Nematodeum integument lumbriculi-limosi*) (in *Lumbriculus limosus*; Leidy, 1852b, 243, pl. 11 fig. 48).—Linst., 1878a, 318 (in L. l.).
- naidis-albidæ* Dies., 1861a, 726 (in *Nais albidæ*; in India, Carter, 1858, v. 2 (7), July, 100, 104, pl. 4 fig. 50 (mentions a Fil. in *Nais albidæ*)).
- natrix (pulmonale)* (Dies., 1851) Dies., 1861a, 724 (in *Tropidonotus natrix*; Wien, Wedl, 1855, 391, 395, 404, 408, pl. 3 fig. 33, pl. 2 figs. 13-14).
- ranæ-temporariæ* Dies., 1861a, 724 (in *Rana temp.*; Leidy, ZwZ, v. 4, 387, pl. 14 figs. 7-8).
- scymni-glacialis* Dies., 1861a, 725 (in *Lemargus borealis*; Ostend, Ben., 1853g, 259 (in stom., *Scymnus glacialis*; Ostend)).
- species Linst., 1889a, 21 (in *Ovis aries*; Ebertz, 1887a, 102-104, figs. 1-3).—Ward, 1859a, 337 (in O. a.).

NEMATODUM—Continued.

species Linst., 1889a, 20 (in *Bos taurus*: Leuck., 1876a, 534, fig. 285).—Ward, 1895a, 334 (in *B. t.*).

squalorum (*sanguinis*) Dies., 1861a, 725 (in *Mustelus levis*: Sardinia, Leidig, 1851, 227).

squalorum Linst., 1878a, 279 (in *Mustelus lævis*) (for *squalorum sanguinis*).

Nematoelminti (see Nematohelminthes).—Perronc., 1881u, 350–358, 461–468, figs. 1–11.

NEMATOHELMINTHES.—Shipley, 1901, v. 2, 121–194, figs. 62–105.—Zool. Rec. v. 14, 12.

NEMATOIDEA Rud., 1809a, 55: 1819a, 3, 203–204, 634.—Andral, 1829d, 617: 1831a, 210.—Assmuss, 1865, 48.—Baird, 1853a, 2.—Beddard, 1884a (1890), 324–326, figs. 1–2.—Bellingh., 1844a, 101: 1845a, 474.—Brems., 1824a, 121–122.—Chiaje, 1825a, 1.—Cobbold, 1874m, 169.—Crep., 1839a, 277: 1844a, 116–117 (in *Dipus tetradactylus*).—Cuv., 1817a, 29.—Dewitz, 1892b, 127.—Dungl., 1893 (1895a), 739, 1107.—Eichw., 1829a, 250.—Eiss, 1838a, 24.—Goldb., 1855a, 108.—Græffe, 1860a, 51.—Güenth., 1858, 192.—Gurlt, 1831a, 347 (as family).—L'Herminier, 1826a, 9–10 (as order).—Joy, 1835a, 503.—Kolenati, 1856d (1857a), 12.—Küech., 1852d, 149.—Leuck., 1842a, 38.—Macalister, 1865a, 45–48.—Mayer, 1841a, 25.—Mol., 1858d, 144: [1859h], 7–38, figs. 1–7, pl. 1: 1861c, 275.—Nordm., 1840, 558 (Nematidea).—Oerley, 1885a, 103.—Owen, 1835l, 388, 389, 393.—Riley, 1878, 331.—Schneid., 1866a, 13, 325, 326, 331, 337: 1876, 115, pl. 22 figs. 85, 86 (in *Audouinia lamarkii*).—Ślawikowski, 1819b, 50.—Stossel, 1844a, 5 (in *Homo*).—Tschudi, 1837a, 19.—Weinl., 1859c, 282.—Westwood, 1851, 644.—Zwicke, 1841a, 21, 27 (in *H.*).

dipodis-tetradactyli Crep., 1844a, 116–117 (in *Dipus tetradactylus*; by Otto).

NEMATOIDEÆ (see Nematidea).—Leidy, 1849a, 230: 1904a, 19.

NEMATOIDEUM Dies., 1851a, 329–342 (collective group of artificial value and without type species).—Oerley, 1885a, 105.—Stiles & Hass., 1899a, 164: 1905b, 122.

alausæ Mol., 1859h, 31–32 (in *Alausa vulg.*; Padua).

alcæ-picæ (Rud., 1819) Dies., 1851a, 336 (s. *Asc. alcæ*, *Echinor. alcæ*, *Proboscidea alcæ*) (in *Alca pica*; by Fabr.).

aliud bradypodis-tridactyli Crep., 1844a, 115–116 (in *Bradypus tridactylus*).

antilopes (Rud., 1810) Dies., 1851a, 332 (s. *Asc. hirci*, *Fus. hirci*) (in *Antilopes* sp.; by Scemmering).

argentinae-sphyrænæ (Rud., 1810) Dies., 1851a, 341 (s. *Asc. argentine*, *Fus. argentine*) (in *Scopelus humboldtii*; by Redi).

blapis-mortisagæ Dies., 1853a, 35 (in *Blaps mortisaga*: Stein, 1852, *ZwZ*, 204, pl. 10 fig. 11).

box-caninæ (Rud., 1819) Dies., 1851a, 336 (in *Eunectes scytale*; by Rud.).

bovis-tauri (Dies., 1861a) Dolley, 1894a, 1003 (in dom. cattle).

bradypodis-tridactyli Crep., 1844a, 115–116 (in intest. *Bradypus tridactylus*; by Otto).—Dies., 1851a, 312 (so. *Str. leptocephalus*).

bradypodis-tridactyli (*aliud*) Crep., 1844a, 115–116 (in stom. wall. *Bradypus tridactylus*; by Otto).

canis-familiaris Dies., 1851a, 331 (in *Canis fam.*; Warren, 1830, 208).—Ward, 1895a, 343 (in *C. f.*).

caprimulgi-europæi Crep., 1829a, 36–38 (in *Caprimulgus europæus*; Mus. Greifsw.).—Dies., 1851a, 334 (in *C. e.*; G.).

cavittatis abdominis passali-cornuti Leidy, 1852b, 241–243, pl. 11 figs. 42–45 (in *Passalus cornutus*; by Leidy); 1904a, 244–247.

cepolæ-rubescens (Rud., 1819) Dies., 1851a, 339 (in *Cepola rubescens*: Rimini).

colubri (Rud., 1819) Dies., 1851a, 337 (in *Thamnobius pœcilostoma*: Brazil, Rud., 1819a, 712).

colubri-americani Cobbold, 1861e, 124.

colubri-blumenbachii Cobbold, 1861e, 124.

colubri-natrix Crep., 1844a, 121–122 (in lungs *Coluber natrix*; by Crep.) [see *natrix* (pulmonale)].

colubri-olivacei (Rud., 1819) Dies., 1851a, 336 (in *Philodryas olfersii*: Brazil, Rud., 1819a, 189, 559).

NEMATOIDIUM—Continued.

- cydippes* Dies., 1851a, 342 (in *Cydippe pileus*?; Forbes, 1839, v. 3 (16), 145–150).—Bast., 1865c, 73.—[Sieb., 1841c, 291 (see *Fil. sp.*, Forbes).]
- dipodis-tetractyli* Crep., 1844, 116–117 (in *Dipus tetractylus*; by Otto) (*Nematoidea*).—Dies., 1851a, 331 (in *D. t.*; Breslau).—Hall, 1916a, 220, 223 (in *Scarturus tetractylus*; Germany).—Also reported for *Alactaga tetractylus*.
- equi-caballi* Peschel, 1844 [nv.]; [1845, 175].—Cobbold, 1874h, 86.—Dies., 1851a, 332 (in *Equus cab.*; Dresden).—Ward, 1895a, 340 (in *E. c.*).
- equi-caballi* Dies., 1851a, 332 (*s. Vermiculi trichinae similes*) (in *Equus cab.*; Knox, 1836, 92–94, figs. 9–12; Dick, 1838, 74).
- falconis-albicollis* (Rud., 1819) Dies., 1851a, 333 (in *Falco albicollis*; Brazil).
- falconis-buteonis* (Rud., 1810) Dies., 1851a, 333 (*s. Cucullanus buteonis*) (in *Falco buteo*; Gœze, 1782a).—Also reported for *Buteo vulg.*
- falconis-fulvi* (Rud., 1810) Dies., 1851a, 333 (*s. Str. falconis-fulvi*) (in *Falco chrysaetos juvenilis*; by Braun).—Also reported for *Aquila chrysaetos*.
- falconis-naevii* (Rud., 1819) Dies., 1851a, 333 (in *Falco naevius*; M. C. V.).—Also reported for *Aquila naevia*.
- fiatolæ* (Rud., 1819) Dies., 1851a, 339 (in *Stromateus fiatola*; Rimini, Rud., 1819a, 192, 562).
- fringilla-domesticæ* (Rud., 1819) Dies., 1851a, 335 (in *Fringilla dom.*; M. C. V.).
- fulicæ-atræ* (Dies., 1861) Linst., 1899b, 16 (*so. Spiropt. helix*).
- gadorum* (Rathke, 1799) Dies., 1851a, 341 (in *Gadus aeglefinus*, *G. morrhua*, *G. virens*; by Monro and Rathke).
- giraffæ* Linst., 1878a, 55 (in *Camelopardalis giraffa*; Pruner, 1847a, 249–250).
- gobii* (Rud., 1819) Dies., 1851a, 340 (in *Gobius jozo*; M. C. V.).—Also reported for *Gobius cruentatus*, *G. quadrimaculatus*.
- hæmatopodis-ostralegi* Crep., 1829a, 35–36 (in *Hæmatopus ostralegus*; by Crep.).—Dies., 1851a, 335 (in *H. o.*; Greifsw.).
- hirundinis-apodis* Crep., 1829b, 34–35 (in *Hirundo apus*; by Crep.).—Dies., 1851a, 334 (in *Cypselus apus*).—[Mehl., 1831a, 97.]
- hominis* Dies., 1851a, 329 (based on Degland, 1823, 166 and 1825, 309) (in *Homo*) (*so. hominis ventriculi*).
- hominis* Cobbold, 1866a, 7 (of Pruner, *so. Pentast. constrictum*), 9 (of Degland, *so. Gord. aquaticus*).—Braun, 1903a, 340 (*so. Poroc. constrictus*); 1908a, 376.—Küech., 1855a, 225.
- hominis (ventriculi)* Dies., 1851a, 329 (*s. hominis, Ophiost. poutierii*).
- hominis (viscerum)* Dies., 1851a, 329 (in *Homo æthiopicus*; by Pruner) [see *Poroc. constrictus*].
- integumenti lumbriculi-limosi* Leidy, 1852b, 243, pl. 11 fig. 48 (in *Lumbriculus limosus*; by Leidy); 1904a, 248.
- intestinalis-armadillo-pillularis* Leidy, 1852b, 243, pl. 11 fig. 47 (in *Armadillo pillularis*; by Leidy); 1904a, 248.
- labri-nilotici* (Rud., 1819) Dies., 1851a, 340 (in *Chromis nilotica*).
- lacertarum* (Rud., 1810) Dies., 1851a, 336 (in *Lacerta viridis*, *L. africana*?, *Polydædalus niloticus*; by Redit).—Rizzo, 1902b, 34.—Also reported for *Varanus niloticus*.
- lari-ridibundi* Dies., 1851a, 321 (to Str.) (quotes Crep., 1829b, 36; 1846a, 140) (in *Larus ridibundus*; by Schill., 335–336 (in *L. r.*; Greifsw.)).—Linst., 1878a, 168 (in *L. r.*).—Rans., 1904a, 43 (*so. Syngamus lari*).
- lepidodis-peronii* Linst., 1878a, 366 (misprint for *lepidopodis-peronii*).
- lepidopodis-peronii* Crep., 1844a, 127–131 (for *Lyrhynchus lepidopus* Risso, 1826a, 260).—Dies., 1851a, 339 (in *Lepidopus argyreus*; by Otto).
- mænæ* Dies., 1851a, 339 (in *Mæna vulg.*; M. C. V.) (*s. Cucullanus spari*).
- maluri-longicaudæ* Dies., 1851a, 335 (in *Malurus longicauda*; Calcutta).
- miniopteri* Kolenati, 1856d (1857a), 15 (in *Miniopterus shreibersii*).
- murænæ-anguillæ* (Rud., 1810) Dies., 1851a, 341–342 (in *Anguilla vulg.*; Greifsw.).—Hofer, 1904a, 239 (in *A. v.*).—Linst., 1899b, 9 (*so. Asc. anguillæ*).
- muris-amphibii* (Rud., 1810) Dies., 1851a, 319 (*so. Str. lemni*).—Hall, 1916, 122, 123 (*so. S. l.*).

NEMATODEUM—Continued.

- muscipapæ-flammæ* Dies., 1851a, 335 (in *Muscipapa* [*Phœnicornis*] *flammæ*; Calcutta).
- myrmecophagæ* Dies., 1851a, 331 (in *Myrmecophaga* *didactyla*; Brazil, based on Rud., 1819a, 186).
- natricis* Wedl., 1855a, 391 (in *Tropidonotus* *natricis*; Crep., 1844a, 121).—Mûch., 1898b, 52 (in T. n.).—Mûell., 1889, v. 15 (4-5), 317 (in T. n.).—Sibbald, 1857a, 415-417, pl. 8 figs. 8-11 (in the common *Coluber*; by Sibbald attributes species to Crep., see *natricis* (*pulmonale*)).
- "*natricis* Rud." of Linst., 1878a, 188 (see *natricis* (*intestinale*)).
- natricis* (*intestinale*) Dies., 1851a, 337 (s. *colubri-natricis*) (in *Tropidonotus* *natricis*; Rud., 1810a, 270).
- natricis* (*pulmonale*) Dies., 1851a, 337 (in *Tropidonotus* *natricis*; Greifsw., quotes Crep., 1844a, 116 [see also 121].—Wedl., 1855a, 390-392, pl. 3 fig. 33 (in T. n.) (*natricis*); 1855b, 404-406, 408, figs. 13-14 (in T. n.).
- ovis* (Rud., 1810) Dies., 1851a, 332 (in *Capra* *aries*; by Gœze.—Curtice, 1890c, 16.—Ward, 1895, 337 (in *Ovis* ar.).
- ovis* (*pulmonale*) Dies., 1851a, 333 (in *Capra* *aries*; by Sandie & Padley, 1849a, 102-104, figs. 5-10, in lungs of sheep; Liverpool).—Fiebiger, 1912a, 261.—Hall, 1916a, 166 (so. *Synthetocaulus* *rufescens* Leuck.).—Hut. & Mar., 1910b, 69.—Koch, 1883a, 4, 9 (to *Pseudalius*).—Rail., 1893a, 427 (=Str. *rufescens*).—Schlegel, 1899a, 139.—Stoss., 1899d, 91 (37) (so. S. r.).—Ward, 1895, 337 (in *Ovis* ar.).—Züern, 1882a, 273, 274 (larva; so. Str. fil.).
- ovis pulmonalis* (see *ovis pulmonale*) Motz, 1886b, 613.
- paganelli* Mol., 1859h, 32 (in *Gobius* *paganellus*; Padua).
- passali* Leidy, 1852b, 243-244 (in *Passalus* *cornutus*; by Leidy (so. *cavitatis abdominis passali-cornuti*)).
- phacochari-africani* Crep., 1844a, 117 (in *Phacochærus* *africanus*; by Otto.—Dies., 1851a, 332 (in P. a.; Breslau).
- pipæ-dorsigeræ* Crep., 1844a, 122 (in *Rana* *pipa*; by Otto).—Dies., 1851a, 338 (in *Astrodactylus* *pipa*; Breslau).—Also reported for *Pipa* *americana*.
- protei-anguini* (Rud., 1819) Dies., 1851a, 338 (in *Hypochthon* *laurentii*; Rimini).
- rajæ-batis* (Rud., 1819) Crep., 1844a, 123-126 (in *Raja* *batis*; by Otto).—Dies., 1851a, 342 (in R. b.; by Monro).—Oerley, 1885a, 105.
- rajæ-fullonica* (Rud., 1819) Crep., 1844a, 126 (quotes Fabr.).—Dies., 1851a, 342 (s. Asc. *rajæ*, Fus. *rajæ*, Ophiost. *rajæ*, Proboscidea *rajæ*) (in *Raja* *fullonica*; by Fabr.).—Oerley, 1885a, 105 (r.-fullonica).
- rajæ-fullonica* Oerley, 1885a, 105 (for *rajæ-fullonica*).
- ranæ* (Rud., 1819) Dies., 1851a, 338 (in *Cystignathus* *pachypus*; M. C. V.).
- ranæ-pipæ* (Rud., 1819) Dies., 1851a, 338 (in *Astrodactylus* *pipæ*).—Also reported for *Pipa* *americana*.
- ranæ-temporariæ* Linst., 1878a, 197 (in *Rana* *temp.*; quotes Leidy, ZwZ, 387, pl. 14 figs. 7-8).
- salmonis-eperlani* (Rud., 1819) Dies., 1851a, 340-341 (in *Osmerus* *eperlanus*).—Hofer, 1904a, 238, 239, 259 (in O. e.).—Stiles & Hass., 1899a, 118.
- salmonis-spirinchi* (Rud., 1819) Dies., 1851a, 341 (in *Osmerus* *spirinchus*) (s. *Tæniola*).—Hofer, 1904a, 239 (in O. e.).
- scymni-glacialis* (Dies., 1861) Linst., 1878a, 284 (in *Læmargus* *borealis*; quotes Ben., 1853g, 259 in stom., *Scimnus* *glacialis*; Ostend.).—Oerley, 1885a, 105.
- serpentum* (Gmel., 1790) Dies., 1851a, 337-338 (in *Vipera* *redii*).—Also reported for *V. aspis*.
- siluri-glanidis* (Rud., 1819) Dies., 1851a, 340 (s. *Cochlus* *armatus*, *Cucullanus* *ascarioides*, *Gœzia* *armata*, *Prionoderma* *ascarioides*, *Tenia* *cucullanus*) (in *Silurus* *glanis*; by Gœze, 1782a, 134, pl. 8 figs. 11-14).—Zsch., 1903, 146, 147.
- sorici-aranci* Crep., 1844a, 131-132 (in *Sorex* *araneus*; by Crep.).—Dies., 1851a, 331 (in S. a.).—Also reported for *Crocidura* *aranea*.
- species* Dav., 1877a, 776-777 (in lungs of cat; by Colin, 1867; 133).
- species* Par., 1894a, 248 (in *Canis* *fam.*; Torino).
- species* Vallisneri, 1790 [nv.]—Par., 1894a, 248 (in *Homo*).

NEMATOIDEUM—Continued.

species.—Reported for *Cervus capreolus*, *Corvus frugilegus*, *Cypselus apus*, *Lepus cuniculus*, *Rana temp.*

sphyrænæ Linst., 1878a, 229 (for *sphyrænæ-spet*) (in *Sphyræna vulg.*).

sphyrænæ-spet (Rud., 1819) Dies., 1851a, 339 (in *Sphyræna vulg.*: Nap.).

squali-catuli (Rud., 1810) Dies., 1851a, 342 (in *Scyllium catulus*; by Redi).—Oerley, 1885a, 105.

squalorum (Linst., 1878) Oerley, 1885a, 105.

strigis (Rud., 1819) Dies., 1851a, 334 (in *Strix atricapilla*; Brazil).

talpæ Sieb., 1850, 358 [nv.].—Dies., 1851a, 561 (in *Talpa europæa*; by Reinh., 1847, 224).—Seur., 1916, 359.

thoracis-cavitatis passali-cornuti Leidy, 1852b, 243, pl. 11 fig. 46 (in *Passalus cornutus*; by Leidy); 1904a, 247.

tracheale Cobbold, 1864b, 333 (in *Homo*; quotes Rainey & Bristowe); 1866a, 6; 1867a, 6 (to Fil.).—Cast. & Chalm., 1910a, 407; 1913, 523.—Dolley, 1896a, 1004.—Stiles, 1907b, 50.

turdi (Rud., 1819) Dies., 1851a, 334 (in *Myothera campanisona*; Brazil).—Also reported for *Formicivora campanisona*.

ursi (Gmel., 1790) Dies., 1851a, 330–331 (in *Ursus arctos*).

vesperi-discoloris Kolenati, 1856d (1857a), 14 (in *Meteorius discolor*) (see *vespertilionis-d.*).

vesperi-serotini Kolenati, 1856d (1857a), 14–15 (in *Cateorus serotinus*; Patagium) (see *vespertilionis-s.*).

vespertilionis (Rud., 1810) Dies., 1851a, 330 (in *Vespertilionum species variæ*).—Kolenati, 1856d (1857a), 15 (*vespertilionis*, in several *Vespertilio*).

vespertilionis-auriti (Rud., 1819) Dies., 1851a, 330 (in *Vespertilio auritus*; M. C. V.).—Kolenati, 1856d (1857a), 14 (in *Plecotus auritus*).

vespertilionis-discoloris (Rud., 1819) Dies., 1851a, 330 (in *Vespertilio discolor*; M. C. V.).—Also reported for *Vesperugo discolor*.

vespertilionis-serotini Crep., 1844a, 117–121 (in *Vespertilio serotinus*).—Dies., 1851a, 330 (in V. s.; Greisfw.).—Reported for *Vesperugo serotinus*.

NEMATOMORPHA.—Ritchie, 1915, SN, 111–115, 136–142, 255–262 (Scotland).

NEMATONEURA Owen, 1835l, 394 (subregnum, contains *Cœlelminta*).

NEMATOXYINÆ Rail., 1916, RMv, 521.

NEMATOSYS Schneid., 1866a, 29, 111–112, 190, 234, 245 (*tsd. ornatus*) (see also *Cosmocerca*).—A., D., & E., 1901b, 3.—R. Bl., 1888a, 661.—Galeb., 1878b, 286.—Hall, 1916a, 106.—Linst., 1909a, 48, 58.—Rail. & Henry, 1916, 248, 250; 1916, 115 (so. *Cosmocerca*).—Shipley, 1896a (1901b), 139, 142, 163.—Skrj., 1916, 73.—Stiles & Hass., 1905b, 122 (type *ornatus*).

commutatus (Dies., 1851) Schneid., 1866a, 113 (quotes Rud. as author), pl. 12 fig. 2, pl. 18 fig. 3 (in *Bufo cinereus*, *Rana escul.*, *R. temp.*).—André, 1912, 475, 481–482 (in *B. vulg.*), 484–485 (quotes Rud.); 1913, v. 21, 185, 197 (in *R. temp.*; Switz.).—Linst., 1877, 180–181, pl. 12 fig. 10 (s. *Asc. acuminata*, *A. brevicaudata*); 1889g, 563–564 (s. *A. c.*, *A. ac.*) (in *B. c.*, *R. t.*); 1909a, 58, fig. 23 (in *Bombinator igneus*, *Bufo variabilis*, *B. vulg.*, *Hyla arborea*, *Pelobates fuscus*, *R. e.*, *R. t.*, *Triton cristatus*, *Tropidonotus natrix*).—Mueh., 1898b, 52 (in *Anguilla vulg.*, *B. variab.*, *B. vulg.*, *Tro. natrix*).—Rail. & Henry, 1916, CrSB, 249.—Stiles & Hass., 1894e, 342 (in *R. t.*); 1905b, 122.—Stoss., 1898c, 81 (in *B. i.*; Trieste).—Also reported for *Anguis fragilis*, *Bufo aqua*, *B. cinereus*, *B. viridis*, *Calamites luteus*, *Leptodactylus sibilatrix*, *Thryonhyaschudii*, *Salamandra atra*, *S. maculosa*, *Triton cristatus*.

longicauda Linst., 1885d, 708–717, pl. 28 figs. 1–16 (in *intest.*, *Triton alpestris*, *T. cristatus*; lng.); 1889g, 564 (in *T. a.*, *T. c.*); 1909a, 58–59, fig. 24 (in *T. a.*, *T. c.*, *T. tæniatus*).—Looss, 1892a, 106.—Rail. & Henry, 1916, 248.—Rollst., 1888a, 685 (in *T. a.*, *T. c.*).—Shipley, 1896a (1901b), 161 (in *T. a.*).

ornatus (Duj., 1845) Schneid., 1866a, 112–113, 116, 117, pl. 12 fig. 5, pl. 18 fig. 4 (in *Bufo cinereus*, *Rana temp.*, *R. escul.*, *Triton cristatus*; Europe).—André, 1912, 481–482; 1913, 185, 197 (in *R. e.*, *R. t.*; Switz.).—Buetsch., 1873a, 57.—Jägers., 1897, 20.—Kholodk., 1901, 253 (in *R. t.*, *Bufo vulg.*).—Linst., 1877b, 181, fig. 11; 1889g, 549–566, pl. 27 figs. 1–32 (s. *Asc. brevicaudata*, *bufonis-viridis*, *A. commutata*, *Cosmocerca commutata*) (in *B. c.*, *B.*

NEMATOXYS—Continued.

ornatus—continued.

viridis, R. e., R. t.; 1889i, 462–466; 1909a, 59, fig. 25 (in *B. vulg.*, R. e., R. t., *T. alpestris*, *T. cristatus*).—Martini, 1906a, 703, 704; 1907, *ZwZ*, 19–37, 44, pl. 2 figs. 52–64, pl. 3 fig. 82d; 1908, v. 32 (19), 552.—Müch., 1898b, 52 (in *Anguis fragilis*, B. v., R. e., R. t.).—Rail. & Henry, 1916, 248.—Rollest., 1888a, 682.—Stiles & Hass., 1905b, 122.

piscicola Linst., 1907, v. 3 (3), 256–257, pl. 7 figs. 16–17 (in *Distichodus* sp.; Kamerun).

tenerimus Linst., 1878b, 233–234, pl. 8 figs. 18a–b (in *Anguilla vulg.*; by Linst.); 1889g, 564–565 (in A. v.); 1907, v. 3 (3), 257 (in fish); 1909a, 59, fig. 26 (in A. v.).

unguiculatus Linst., 1906, v. 1 (3), 255, fig. 16 (in *Bufo viridis*; Korfu).—Skrj., 1916, 73, 139 (in B. v.).

NEMATOTROPH Shipley, 1896a (1901b), 137 (for *Nematentozoa*).

NEMONCHUS Cobb, 1913, *JWAS*, v. 3 (16), 438–439 (mt. *galeatus*).

galeatus Cobb, 1913, 438–439 (free; Arlington, Va.).

NEOECHINORHYNCHUS Hamann, 1905 in Stiles & Hass., 1905b, 123 (tod. *clavæceps*).—Van Cleave, 1916, *JP*, v. 2 (3), 107; 1916, *TAMS*, 228.

clavæceps (Zed., 1800) Hamann, 1905 in Stiles & Hass., 1905b, 123.

cylindratus (Van Cleave, 1913) Van Cleave, 1916, 228.

emydis (Leidy, 1851) Van Cleave, 1916, 107, 108, 109, 110 (in fresh-water turtles; U. S. A.); 1916, 228.

gracilis (Van Cleave, 1913) Van Cleave, 1916, 108, 109, 110 (in *Dorosoma cepedianum*); 1916, 228; 1919, v. 13 (8), 245 (type of *Gracilisentis*).

longirostris (Van Cleave, 1913) Van Cleave, 1916, *JP*, v. 2 (3), 109–110 (in shad); 1916, 228.

tenellus (Van Cleave, 1913) Van Cleave, 1916, 228.

NEOMERMIS Linst., 1904o, 491 (mt. *macrolaimus*).—Daday, 1911, *Mte*, v. 29, 478–479; 1913, 243, 244.—Stiles & Hass., 1905b, 123.

macrolaimus Linst., 1904o, 491–492, figs. 13–15 (marine flora; Saralow); 1905z, 395.—Daday, 1911, v. 29, 478–479; 1913, 216, 224, 225, 226, 229, 234, 244.—Stiles & Hass., 1905b, 123.

NEONCHUS Cobb, 1893a, 819–820 (42–43) (mt. *longicauda*).—Stiles & Hass., 1905b, 123.

longicauda Cobb, 1893a, 819–820 (42–43), fig. 37 (about roots of sugar cane; N. S. Wales).—Stiles & Hass., 1905b, 123.

NEORHYNCHIDE Hamann, 1892d, 197.—R. Bl., 1895, 791.—Shipley, 1896a (1901b), 184; 1896c, 215–216; 1900b, 440 (fam. of *Acanthocephala*, contains *Neorhynchus*).

NEORHYNCHUS Hamann, 1892d, 197 (tsd. *clavæceps*, cf. *rutili*) [not *Neorhynchus* Sclater, 1869, bird; not *Neorhynchus* Milne-Edwards, 1879, crustacean].—Bieler, 1913, *ZA*, v. 41, 234–236, fig. 1.—Lühe, 1905b, 266, 341, 343 (type *rutili*); 1911a, 9, 11; 1912, *ZJ*, 273.—Marval, 1899a, 228; 1899b, 296, 301.—Marval, 1905a, 201, 205, 356.—Shipley, 1896a (1901b), 184, 185 (in *Mugil auratus*, M. cephalus); 1896c, 215; 1900b, 437, 440.—Stiles & Hass., 1905b, 123.—Van Cleave, 1913, *ZA*, v. 43, 177–190, figs. 1–5 (N. America).

agilis (Rud., 1819) Hamann, 1892d, 197.—Bieler, 1913, 234–236; 1913, 566–570, fig. P. (in *Mugil auratus*).—Marval, 1905a, 201.—Shipley, 1896a (1901b), 184, 185 (in M. a., M. cephalus); 1896c, 215, 216 (in M. a., M. c.); 1900b, 440 (in M. a., M. c.).

clavæceps (Zed., 1800) Hamann, 1892d, 197.—Marval, 1905a, 201.—Shipley, 1896a (1901b), 178, 181, 184, fig. 96; 1896c, 215 (in *Cyprinus carpio*; larva in *Sialis niger*, *Nepheles octocula*); 1900b, 437–440 (in C. c., N. o.; larva in S. n., *Limnæa* sp.).

cylindratus Van Cleave, 1913, *ZA*, v. 43, 187–188, 190, fig. 4 (in *Micropterus salmoides*; Pelican Lake, Minn.); 1916, 228.

emydis (Leidy, 1851) Van Cleave, 1913, *ZA*, v. 43, 184–186, 190, fig. 3 (in *Emys geographicus*, *E. guttata*, *E. insculpta*, *E. serrata*, *Malacoclemmys geographicus*, *Pseudemys elegans*; Havana, Ill.); 1916, 228.

NEORHYNCHUS—Continued.

gracilisentis Van Cleave, 1913, ZA, 178-181, 190, fig. 1 (in *Dorosoma cepedianum*; Ill. River, Havana, Ill.); 1916, 228.

hemignathi (Shipley, 1896) Marval, 1905a, 205, 210, 211, 356-359, pl. 4, figs. 135-136 (in *Hemignathus procerus*, *Ostinops decumanus*).—[Shipley, 1895, 277-278.]

longirostris Van Cleave, 1913, ZA, v. 43, 182-184, 190, fig. 2 (in *Dorosoma cepedianum*; Illinois River, Havana, Ill.); 1916, 228.

rutili (Muell., 1780) Luehe, 1905b, 343 (s. *Echinor. claviceps*); 1911a, 11-13, figs. 1-3 (in *Abramis björkna*, *A. brama*, *Alburnus alburnus*, *Acerina cernua*, *Anguilla anguilla*, *Barbus barbus*, *Carassius carassius*, *Chondrostoma nasus*, *Cobitis tania*, *Cyprinus carpio*, *Emys orbicularis*, *Esox lucius*, *Gasterosteus aculeatus*, *G. pungitius*, *Gobio gobio*, *Leuciscus leuciscus*, *L. idus*, *L. erythrophth.*, *L. phoxinus*, *L. rutilus*, *Lotta lota*, *Nemachilus barbatula*, *Perca fluviatilis*, *Rana escul.*, *Salmo fario*, *S. hucho*, *Tinca tinca*; larva in *Sialis niger*).—Bieler, 1913, ZA, 234-236, 1 fig. (in *Lotta lota*); 1913, 559-566, figs. N-O (in *G. a.*, *Lota lota*, *P. f.*).—Porta, 1908, v. 3 (3), 225, 226 (s. cl.) (in *Cyprinidæ*, *R. e.*).—Ritchie, 1915, 34, 35 (in *G. a.*, *N. b.*, *S. f.*; Scotland).—Van Cleave, 1916, 229.

tenellus Van Cleave, 1913, ZA, v. 43, 188-190, fig. 5 (in *Esox lucius*; Lake Marquette, Minn.).

NETRORHYNCHUS Zenker, 1827a, 53 (mt. *blainvillii*).—Dies., 1851a, 343.—Stiles & Hass., 1905b, 123.

blainvillii Zenker, 1827a, 53 (in *Homo*).—Dies., 1851a, 343.—Stiles & Hass., 1905b, 123.

NETTORHYNCHUS Dolley, 1894a, 1004 (for *Netrorhynchus*).

blainvillii (Zenker, 1827) Dolley, 1894a, 1004 (? so. *Bothrioc.*).

NUADA Southern, 1914a, 9-10 (mt. *leptosoma*) (*Anguillulidæ*).

leptosoma Southern, 1914a, 10, pl. 1 figs. 1a-d (marine; Clew Bay).

NYGOLAIMUS Cobb, 1913, JWAS, v. 3 (16), 441 (mt. *tod. pachydermatus*).

pachydermatus Cobb, 1913, 441 (roots of cherry trees; Tokyo, Japan).

OCHETOCEPHALUS Linst., 1907, v. 29, 82 (mt. *javanicus*).

javanicus Linst., 1907, v. 29, 82-83, pl. 1 figs. 1-3 (in *Camponotus maculatus mitis*; Java).

ODONTOBIUS Roussel de Vauzème, 1834a, 330 (mt. *ceti*).—Carus, 1863, v. 2, 459.—Crep., 1839, 283.—Duj., 1845a, 292.—Gerv., 1838, v. 6, 196-197.—Mol., 1857a, 151.—Nordm., 1840a, 669.

acuminatus Eberth, 1863a, 28-29, pl. 1 figs. 6-9 (free; Nizza).—Buëtsch., 1874b, 272 (belongs to *Anticoma*).

ceti Roussel de Vauzème, 1834a, 326-331 (in *Baleines*; Malouines Isl.); 1834b, 1-5, figs. 3-6; 1836a, 512-513.—Bast., 1865c, 161-162 (in *Baleina australis*; ad *insulas Malorinas*).—Carus, 1863, v. 2, 459 (in *Walfischbarten*).—Cobbold, 1879b, 427 (in *B. a.*).—Crep., 1839a, 283.—Duj., 1845a, 292.—Nordm., 1840a, 669.

filiformis Eberth, 1863a, 29-30, pl. 1 figs. 10-12 (free; Nizza).—Bast., 1865c, 162.

micans Eberth, 1863a, 28, pl. 1 figs. 1-5 (free; Nizza).—Bast., 1865c, 162.

striatus Eberth, 1863a, 30, pl. 1 figs. 21-27 (free; Nizza).—Bast., 1865c, 162.

ODONTOLAIMUS Man, 1880a, 61-62 (mt. *chlorurus*).

chlorurus Man, 1880a, 61-62 (in moist soil; Holland).—Hofmæn. & Menz., 1915, 181-182.

ODONTOPHARYNX Man, 1912, ZJ, v. 33, 637-642 (mt. *longicaudata*) (*Anguillulidæ*).

longicaudata Man, 1912, 637-642, pl. 1 (in *Hyazinthenzwiebeln*; Wageningen).—Menz., 1914, AN, 49.

ODONTOPHORA Buëtsch., 1874b, 285 (mt. *marina*) [not *Odontophorus Vieillot*, 1816, bird].—Stiles & Hass., 1905b, 124.

marina Buëtsch., 1874b, 285, pl. 3 fig. 13 (*Austernbænke*; bei Sylt).—Villot, 1875a, 466 (Kiel).

ÆSOPHAGODONTUS Rail. & Henry, 1902a, 110-111 (*tod. robustus*); 1909b, 170; 1912, 565.—Blgr., 1916, P, in 420-439, figs. 1-7, pl. 22.—Gedøelst, 1911a, 127.—Nev.-Lem., 1912a, 649.

OESOPHAGODONTUS—Continued.

robustus (Giles, 1892) (Gedølst, 1903a, 57, 92; 1911a, 127 (in horse, mule (Indes anglaises)).—Blgr., 1916, P, 433-437, fig. 7, pl. 22 figs. 1-7.—Hut. & Mar., 1913b, 517.—Nev.-Lem., 1912a, 744.—Rail., 1915, 735 (in horse, mule); 1915, RMv, 493.—Rail. & Henry, 1909b, 170.

OESOPHAGOSTOMA. (See *Oesophagostomum*.)

Oesophagostome (see *Oesophagostomum*).—Rail., 1888k, 217.

OESOPHAGOSTOME Rail. & Henry, 1909b, 169 (group of *Ankylostominae*, contains: *Oesophagost.*, *Chabertia*, *Ternidens*, *Agriost.*); 1912, v. 14, 564 (tribe of *Strongylinae*, diag., contains: *Oes.*, *Ch.*, *Tern.*, *Agri.*); 1913, BSpE, 506 (contains: *Oes.*, *Ch.*, *Tern.*, *Agri.*).—F., S., & T., 1916a, 439.—Lane, 1917, IJMR, 425, 427, 429.—Nev.-Lem., 1912a, 646.

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- attenuatum* (Leidy, 1856) Rail. & Henry, 1906e, 448 (in intest., *Cynoc. porcarius*); 1909b, 169.
- bifurcum* (Crep., 1849) Rail. & Henry, 1906e, 448 (in intest., *Cercopithecus patas*); 1909b, 169.
- biramosum* Cuillé [nv.].—Gedöelst, 1911a, 121 (in cattle).
- biramosum* Cuillé, Marotel & Panisset, 1911.—Rail. & Henry, 1913, BSPe, 508 (so. radiatum).
- blanchardii* Rail. & Henry, 1912, v. 14, 572 (in orang-outan de Borneo; Mus. [?Paris]).—Braun, 1915a, 350.
- bovis* Schnyder, 1906a, 27, 28, 42 (in *Bos taurus*; Zürich): 1906b, 182, 183, 197 (in cow).—Rans., 1911a, 44 (so. radiatum).
- brumpti* Rail. & Henry, 1905i, 643-645 (in *Homo*; Africa); 1905k, 1-3; 1905l, 343; 1906a, 296; 1906b, 607; 1906d, 45; 1906e, 448 (in H.); 1909b, 169; 1909, 644; 1912, 566, 567-570, pl. 22 figs. 1-5 (in cynocephale species, H., *Macacus rhesus*, *M. sinicus*, *Papio leucophaeus*, *P. babuin*).—Booth, 1908, 344.—Braun, 1908a, 328 (in negro); 1915a, 349.—Brumpt, 1908, 455; 1910a, 391; 1913a, 454.—Cast. & Chalm., 1910a, 330, 440, 986; 1913a, 1374.—Daniels, 1910a, 71, 151.—F., S., & T., 1916a, 441.—Garin, 1913, 8.—Hewlett & De Korté, 1908, 213 (in H.).—Leiper, 1913, 274 (so. apiost.).—Mans., 1907, 4 ed., 434, 729-730.—Neum. & Mayer, 1914a, 446.—Nev.-Lem., 1906a, 275; 1908a, 455.—Rail. & Henry, 1905, 643-645 (in H.).—Sambon, 1908f, 31.—Sl. & Sw., 1912a, 329, 402.—Stiles, 1914, MM, v. 2, 294.—Stitt, 1910a, 232, 242; 1916, 325.—Verdun, 1907a, 384 (in H.) (Africa).—Weinberg, 1909ff, 164 (of man).—Wellman, 1914, 799.
- columbianum* Curtice, 1890c, 16, 17, 20, 21, 22, 118, 145, 161, 165-180, pls. 24, 25, 26, 27 (in *Ovis aries*; U. S. A.).—Agric. Jour., 1894, v. 7, 576-577; 1897, v. 9, 255; 1897, v. 10 (11), 638 (nodular disease). (12), 715 (sulphate of iron) (13), 769.—Agric. News, Barbados, 1913, v. 12, 149.—Alexander, 1909, v. 55 (18), 1091 (nod. disease).—Barnes, 1899, v. 47, 485-486.—Bell, 1900, 117-135.—Boynton & Wharton, 1916, 351 (in goat; P. I.).—B. G., 1904, v. 46 (4), 130-131 (nod. dis.); v. 49 (13), 706 (nod. dis.), (15), 805 (nod. dis.).—Cortelezzi, 1914, v. 11 (1), 47, 48-49.—Dawson, 1900a, 143. Francis, 1894, 451.—Fröehner, 1915a, 260.—Fiebiger, 1912a, 277.—Gedöelst, 1911a, 121 (in ox, sheep).—Giles, 1892c, 31-44, 1 pl. figs. 1-10.—Gilruth, 1901a, 27.—Glage, 1902, v. 12 (12), 381.—Gough, 1908, 4 (in *Ovis aries*; Transvaal).—Hutcheon, 1890, v. 3, 57-59, 66-67; 1891, v. 4, 5; 1893, v. 6, 350; 1893, 328; 1900, v. 17, 89-91.—Hut. & Mar., 1906a, 408; 1910b, 513; 1913b, 514; 1916, 32 (in sheep; Soudan).—Irving, 1892a, 99, 100; 1893a, 361-363.—Jacob, 1902a, 397-400.—JTVS, 1909, v. 4 (2), 257.—Lane, 1917, IJMR, 430.—Lewis, 1913, 398-405, pls. 46-58, figs.—Linst., 1906, v. 43, 92.—Looss, 1901, 94.—Lorenz, 1898a, 88-89 (in cattle).—Mans., 1907, 4 ed, 730 (in O. a.; U. S. A.).—Mason, 1915, 15 (in sheep; Sudan).—Meyer, 1903a, 349-350 (helminthiasis nodularis).—Moore, 1895a, 3 (in sheep).—Mote, 1914, 28, 31, 39-41, figs. 10, 11.—Nev.-Lem., 1912a, 724.—Neum. & Mayer, 1914a, 447.—Paige, 1908, 156-163.—Rail., 1893a, 451; 1915, 734, 741; 1915, RMv, 492, 501, 502.—Rail. & Henry, 1909b, 169; 1910, v. 3 (5), 314-315 (in cattle); 1913, 507 (in mouton, chèvre, bœuf).—Rans., 1906i, 6, 7; 1911a, 14, 41-44, 46, 47, 121, 122 (in B. t., *Capra hircus*, O. a.; U. S. A., Australia).—Ratz, 1900n, 230-233.—Rievel, 1898a, 102-103.—Rubidge, 1893b, 474.—Ruether, 1901b, 353.—Saunders, 1914, 132, 136.—Seiler, 1902a, 31.—Shipley, 1911, 340.—Sl. & Sw., 1912a, 381, 402.—Smidt, 1906a, 647.—Stewart, 1898a, 325, 326-328, figs. 7, 8.—Stewart & Atwood, 1903a, 229-230, pls. a-b (in O. a.).—Stiles, 1896f, 16.—Stiles & Hass., 1894e, 345 (in B. t., O. a.).—Stödter, 1901a, 61, 75, 94.—Stoss., 1899, 94, 96 (in O. a.; U. S. A.).—Vaull., 1901a, 125.—Walley, 1890c, 360-361.—Ward, 1895a, 307, 334 (in B. t.), 337 (in O. a.).—Wolffh., 1911, 66-67.—ZFM, 1908, v. 18 (11), 359.
- conicum* Mol., 1861a (b), 559 (135) (name only) (in *Capra aries mambricus*).
- dentatum* (Rud., 1803) Mol., 1861a (b), 443 (19) (in *Sus scrofa dom.*).—Bossuat, 1902, v. 6 (2), 197 (in liver of hog).—Brau & Bruyat, 1913, 43 (in porco; Saigon).—Fiebiger, 1912a, 276.—Gedöelst, 1911a, 121 (in hog).—Gorc, 1914, v. 15, 261-267, pls. 1-2 figs. 1-4; 1914, v. 24, 124, 125, fig. 4.—Hut. & Mar., 1906a, 408; 1910b, 513; 1913b, 514.—Linst., 1906, v. 43 (1), 89-94, pl. 1 figs. 1-8.—Mans., 1907, 4 ed, 730 (in pig, wild boar).—Mote, 1914, 29.—Neum. & Mayer, 1914a, 447.—Nev.-Lem., 1912a, 725.—Perronc., 1914, v

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56, 220-221.—Pillers, 1911, v. 8, 84.—Rail., 1893a, 451 (s. subulatum); 1900, 105 (so. radiatum).—Rail. & Henry, 1909b, 169 (genotype).—Rans., 1911a, 41 (s. subulatum).—Saunders, 1914, 132, 136.—Schmidt, 1906a, 648 (=Oes. folliculare) (in swine).—Sl. & Sw., 1912a, 382, 402, fig. 207.—Stiles, 1902, 185; 1903, 7, 13.—Stiles & Hass., 1894e, 345 (in S. s.).—Stoss., 1899d, 94-95 (40-41) (in *Dicotyles albirostris*, *D. labiatus*, *D. torquatus*, S. s.; Wein, Greifsw., Brazil).—Wolffh., 1911, 66.

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filiicollis (Rud., 1802) Stoss., 1899d, 74 (20) (so. *Str. contortus*).

inflatum (Schneid., 1866) Rail., 1885a, 346; 1893a, 449-450 (s. *Str. dilatatus*) (in cattle); 1896d (e), 160 (5) (so. dilatatum); 1900e, 105 (so. radiatum).—Bertolini, 1908, 30, 32, 33, pl. 1 fig. 2ii; 1910, v. 16, 585-586.—Carità, 1887a, 60.—Cortelezzi, 1914, v. 11 (1), 47.—Frœhner, 1915a, 260.—Hut. & Mar., 1906a, 407; 1910b, 513; 1913b, 514.—Kennedy, 1908, v. 174, 787 (in *Macacus rhesus*).—Kjerulff & Nystedt, 1899a, 110, figs. 1-3.—Lucky, 1904, v. 4, 5-12; 1911, v. 6 (1), 367-369.—Luckey, [1911], 25-28.—Mason, 1915, 15; 1916, 32 (in cattle; Soudan).—Neum. & Mayer, 1914a, 447.—Nev.-Lem., 1912a, 719.—Rans., 1911a, 44 (so. radiatum).—Ratz, 1898a, 67; 1900n, 231-232 (in cattle).—Saunders, 1914, 132, 136.—Sl. & Sw., 1912a, 383, 402.—Smith, A. J., 1908a, 267-268 (in *Macacus nemestrinus*; Phila. Zool. Garden).—Stiles & Hass., 1894e, 345 (in *Bos taurus*).—Stødter, 1901a, 75.—Stoss., 1899d, 97 (in B. t.).—Ward, 1895a, 334 (in B. t.), 337 (in *Ovis aries*).—Wolffh., 1911, 67.

inflatum bovis Carità, 1887c, 139 [nv.].—Rail., 1888k, 218 (3) (in brebis) (so. venulosum).

inflatum oris Carità, 1887a, 60 [nv.].—Rail., 1893a, 450 (so. venulosum); 1900.—Rans., 1911a, 46 (so. ven.).—Seiler, 1902a, 33.—Stødter, 1901a, 87 (so. ven.).

longipen Mol., 1861a (b), 445-448 (22-24) (s. *Sclerost. monostichum* pars) (in *Tapirus americanus*; Brazil).

monostichum (Dies., 1851) Mol., 1861a (b), 448-449 (24-25) (in *Tapirus americanus*; S. A.).—Stoss., 1899d, 96 (42) (s. *Oesophagost. longipene*) (in T. a.; Brazil).

oratum (Linst., in Schmidt, 1906) Rail. & Henry, 1912, AdP, v. 14, 572 (des gibbons).—Braun, 1915a, 350.

pachycephalum Mol., 1861a (b), 450 (26) (s. *Str. simiae-sabaeae*, *alatus simiae-angolae*) (in *Cercopithecus nictitans*, *C. sabaeus*; S. A.).—Rail. & Henry, 1905, 645; 1906e, 448 (in intest., C. n., C. s.); 1909b, 169.—Schneid., 1866a, 312.—Schmidt, 1906a, 650.—Smith, A. J., 1908a, 268.—Stoss., 1899d, 97 (43) (in C. n., C. s.; Brazil).—Willach, 1891c, 346.

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- stephanostomum dentigerum* (Rail. & Henry, 1906) Rail. & Henry, 1909, BSPE, v. 2 (10), 645 (du chimpanzé).
- stephanostomum thomasi* Rail. & Henry, 1909, v. 2 (10), 645 (in Homo; State of Amazon, Brazil); 1909, v. 17 (103), 933 (in H.; B.); 1910, ATMH, v. 4 (1), 89-94, pl. 6 figs. 1-10; 1912, v. 14, 566, 570-576, pl. 23 figs. 1-8 (in H.; Manaoz état d'Amazonie).—Braun, 1915a, 349, fig. 300.—Brumpt, 1910a, 395; 1913a, 455.—F., S., & T., 1916a, 442-444.—Gedöelst, 1911a, 121 (in H.; B.).—Neum. & Mayer, 1914a, 78, 447.—Stiles, 1914, MM, v. 2, 294.—Thomas, 1909, v. 3 44-45; 1910, v. 4 (1), 57-88, pls. 1-5b, figs.; 1910, 318 (in H.; B.).—Ward, 1916, 698.—Wellman, 1914, 799.
- subulatum* Mol., 1861a (b), 445-446 (21-22), pl. 1 figs. 3-4 (s. *Str. dentatus* Rud.) (in *Sus scrofa* dom., *S. s. fera*; Europe, S. A.).—Perronc., 1891, 211.—Rail., 1893a, 451 (so. *dentatum* (Rud.) Rail.).—Rail. & Henry, 1912, 567.—Rans., 1911a 41 (so. d.).—Sl. & Sw., 1912a, 382.—Also reported for *Dicotyles torquatus*.
- thomasi* Rail. & Henry, 1909, v. 2 (10), 645 (in Homo; Brazil); 1912, v. 14, 573.—Thomas, 1909, v. 3, 3, 44-55.
- tuberculatum* Par. & Stoss., 1901a (1902a), 1-3 (7-9), figs. 1-5 (in *Dasypros* species, *D. villosus*; Genova, from Argentina); 1902b, 253.
- venulosum* (Rud., 1809) Rail., 1885a, 347-348; 1888k, 217-218 (in chabin, chèvre, mouton); 1893a, 450 (s. *acutum*, *inflatum*, *ovis*); 1896m, 490 (in dromadaire; Alfort); 1900e, 105, 106 (syns.); 1915, 734; 1915, RMv, 492.—Blgr., 1914, P, v. 7 (3), 242 (in *Ovis aries*; Eng.).—Curcie, 1890c, 162, 168.—Fiebiger, 1912a, 277, figs. 191-192.—Gedöelst, 1911a, 121, fig. 163 (in goat, sheep).—Hut. & Mar., 1906a, 408; 1910b, 513; 1913b, 514.—Ihle, 1917, 165, 166, 168.—Julien, 1898a, 84 (in agneau).—Lane, 1917, IJMR, pl. 35, figs. 17-21.—Linst., 1903u (1904a), 270 (6) (in O. a.).—Mason, 1915, 25 (in camel).—Neum. & Mayer, 1914a, 447.—Nev.-Lem., 1912a, 725.—Rail. & Henry, 1909b, 169; 1913, BSPE, 507, 509, fig. 1 (in mouton, chèvre, dromadaire).—Rans., 1911a, 14, 41, 46-47, 49, 122, 123, figs. 28-32 (s. *acutum*, *inflatum* *ovis*, *Str. ammonis*, *radiatus*, *contortus* pars) (in *Capra hircus*, *Camelus dromedarius*, *Capreolus capreolus*, *Dama dama*, *Ovis aries*, *O. ammon*, *Rupicapra rupicapra*; Europe, U. S. A.).—Saunders, 1914, 132, 136.—Seiler, 1902a, 32, pl. 1, pl. 2.—Sl. & Sw., 1912a, 382, 402.—Stöedter, 1901a, 5, 9, 42, 87, 88 (s. *ac.*, *inflatum* *ovis*, *Str. amm.*, *cont.*, *pars*, *rad.*, *pars*).—Stoss., 1899d, 95 (s. *ac.*); 1904b, 2, 3 (in O. a.; Catania).—Ward, 1895a, 337, in O. a.).—Also reported for *Cervus capreolus*.
- vesiculosum* Ratz, 1898a, 65-67; 1900n, 232 (s. *inflatum*).—Hut. & Mar., 1906a, 407.
- OESOPHAGOSTOMINÆ Rail., 1915, 734; 1915 RMv, 492.
- OESOPHAGOSTONIUM Olt, 1898c, 122 (misprint for *Oesophagostomum*).
- OESOSOPHAGOSTOMUM [Pearse], 1916, v. 6, 844 (for *Oesophagostomum*).
- OGMA Southern, 1914a, 66-67 (mt. murrayi).—Menz., 1917, RsZ, 155, 156, 157 (so. *Hoplolaimus*).
- murrayi* Southern, 1914a, 66-67, pl. 11 figs. 32 a-e (Co. Mayo).—Menz., 1917, 155, 156, 157 (to *Hoplolaimus*).
- OGMIDÆ Southern, 1914a, 65-66 (contains Ogma).
- OIONCHUS Cobb, 1913, JWAS, 442 (mt. obtusus); 1917n, 453.
- obtusus* Cobb, 1913, 442 (about roots of grass, borders of irrigation ditch; Jamaica, West Indies).
- OLIGACANTHORHYNCHUS Trav., 1915, Bm, v. 29, 137 (1) (tod. spira) (*Gigantorhynchinae*).
- spira* (Dies., 1851) Trav., 1915, 137 (1).
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- OLLULANINÆ Hall, 1916a, 162, 177 (type *Ollulanus*); 1916b, 519.
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- OLLULANUS Leuck., 1865a, 227 (mt. tricuspis); 1867b, 24, 87, 88, 104, 106, 112, 115, 122, 136, 224; 1868a, 402, 405, 439; 1886d, 47, 134.—Ben., 1866a, 209 (in cat).—Cobbold, 1879, 336.—Gedöelst, 1911a, 129.—Hall, 1916a, 177, 224 (type *tricuspis*).—Khitrow, 1900a, 6, 9.—Neum., 1892d, 345, 372.—Nev.-Lem., 1912a, 650.—Rail., 1915, RMv, 493.—Rollest, 1888a, 683, 686, 695.—

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tricuspis Leuck., 1865a, 227 (in stom., lungs, etc., of cat, larva also in mouse; Germany); 1867b, 102, figs. 78, 79; 1868a, 402; 1876a, 515; 1879a, 61.—Anacker, 1893i, 345.—A. D. & E., 1901b, 6.—Assénova, 1899, 105; 1899, 119.—Braun, 1883a, 158; 1895b, 210; 1903a, 251; 1908a, 283.—Braun & Lûche, 1909a, 91; 1910a, 96.—Cobbold, 1873c, 125 (Olulanus); 1875o, 891; 1876f, 7; 1897b, 309, 316, 336; 1885c, 526-532 (olulanosis in cat).—Dungl., 1893 (1895a), 776.—Fiebiger, 1912a, 290.—Gedølst, 1911a, 130 (in cat).—Hall, 1916a, 177-178, figs. 234-235 (in cats, *Mus musculus*; U. S. A., Europe); 1916b, 519.—Hut. & Mar., 1906a, 60, 381, 464; 1910b, 70, 75, 78, 480, 584; 1913b, 75-76, 84, 478, 589 (in Katze).—Laulanie, 1886a, 84-85.—Neum., 1892d, 372.—Nev.-Lem., 1912a, 755.—Pauli, 1868a, 30.—Rail., 1893a, 475; 1915, 735 (in cat); 1915, RMv, 493.—Schneidem., 1896a, 321 (*tricuspis*) (in cat).—Schneid., 1866a, 308.—Seur., 1916, 347.—Shipley, 1896a (1901b), 144, 161.—Sl. & Sw., 1912a, 388, 402, 403.—Stirling, 1877a, 146-151, pl. 11 figs. 1-5 (pathol., lungs, in cat).—Stitt, 1908, v. 2 (3), 62.—Stødter 1901a, 61, 94 (in *Felis dom.*)—Stoss., 1899d, 127 (73) (in F. d., M. m.).—Vaull., 1901a, 120-125.—Verrill, 1870, 175.—Wolffh., 1911, 75.—Wucherer, 1869, 171.—Also reported for *Canis vulpes*, *F. catus*.

tricuspis Schneidem., 1896a, 321 (for *tricuspis*).

OLULANUS Cobbold, 1873c, 125 (for Ollulanus); 1879b, 309 (in dom. cat), 316 (in mice), 336.

ONCHALAIMUS Rouville, 1903, CrSB, Dec. 11, 1528 (misprint for Oncholaimus).

ONCHOCERA Concilium Bibliographicum card (misprint for Onchocerca) [not Onchocera Steph., lepidopt.].

ONCHOCERCA Dies., in Herm., 1841b, 199-200 (mt. reticulata); 1851a, 287; 1855, 181.—AVR, 1910, v. 37, 576.—Anacker, 1890g, 373.—Braun, 1915a, 326.—Cast. & Chalm., 1913a, 522, 540.—Cleland, 1912, v. 15, 232-235.—Crep., 1846b, 171 (Onchocerca).—Dav., 1877a, cii.—F., S., & T., 1916a, 417.—Gedølst, 1911a, 109.—Goldb., 1855a, 112.—Leiper, 1911, v. 14, 87-93, figs. 1-13.—Leuck., 1876a, 615.—Mol., 1857a, 151, 152.—Nev.-Lem., 1912a, 652.—Rail. & Henry, 1909, v. 86 (3), 128; 1910, CrSB, v. 68 (6), 248-251; 1910, v. 35 (5), 279-280; 1910, v. 37 (5), 575-577.—Schneidem., 1896a, 308.—Stiles, 1914, MM, v. 2, 271.—Stiles & Hass., 1905b, 124.—See also Onchocerca.

armillata Rail. & Henry, 1909, RMv, v. 86, 128 (in cattle & buffalo; India, Lingaard, 1905, 26-27, figs. 3-9, pls. 3-8 [nv.]); 1910, CrSB, v. 68 (6), 250 (3) (in boeuf, buffle, zebu; India, Sumatra); 1912, BSPE, 117-118.—Comes & Devanille, 1917, BSPE, 459-464, 2 figs.—Gedølst, 1911a, 109 (in buffalo, ox, zebu).—Mason, 1915, 38-40 (in cattle; Egypt); 1916, 32-33 (in cattle; Soudan).—Nev.-Lem., 1912a, 817 (Onchocerca).—Rail., 1917, BSPE, 461-464, 1 fig.—Sweet, 1915, 10, 11, 16, 32, 45 (in *Bos bubalis*, *B. indicus*).

bovis Piettre, 1912, CrAS, v. 154, 620-623 (in *B. taurus*; Europe); 1912, v. 6 (7), 380-382 (Madagascar); 1912, v. 6 (10), 537-552, figs. 1-9 (bovidés); 1912, 868; 1912, 780-781.—Sweet, 1915, 17, 24, 25, 26, 31, 45, 47 (in *B. t.*).

caprae (Linst., 1883) Gedølst, 1911a, 109 (in goat; Turkestan).—Nev.-Lem., 1912a, 818.

cervicalis Rail. & Henry, 1910, v. 68 (6), 250 (in cheval; Aliort); 1910, v. 67, 279 (in horse; Aliort).—Gedølst, 1911a, 109 (in horse).—Nev.-Lem., 1912a, 817.—Sweet, 1915, 45, 47.

fasciata Rail. & Henry, 1910, v. 68 (6), 250 (in dromadaire; Punjab); 1910, v. 67, 279-280 (in d.; Punjab).—Gedølst, 1911a, 109 (in d.; Johnst. & Cleland, 1911, v. 44, 188, 189.—Mason, 1916, 32, 38 (in camel; Soudan).—Nev.-Lem., 1912a, 817 (Onchocerca).—Sweet, 1915, 17, 31, 45, 47 (in *Camelus bactrianus*, *C. dromedarius*).

flexuosa (Wedl, 1856) Rail. & Henry, 1909, RMv, v. 86, 128 (in cerf; Germany).

gibsoni Cleland & Johnst., 1910, JPRS, v. 44, 156-171 to Fil. (O.) (in cattle, ? also in Indian camel); 1910, v. 44 (2), 171-189, pl. 14 figs. 1-4; 1911, v. 6 (4), 536-548, figs. 1-4; 1911, 35-58, figs. 1-4 (to Onchocerca).—Bernier, 1911, v. 13 (11), 764-772, figs. 1-6; 1911, v. 8, 80-88; 1911, 13-19.—Breinl, 1912, 5-17, pls. 1-5, figs. 1-22; 1915, 74.—Cleland, 1913, 1-56, pls. 1-5; 1914, VJ, v. 70,

ONCHOCERCA—Continued.

gibsoni—continued.

- 551-555: 1915, v. 28, 90-95.—Cleland & others, 1916, 1-41.—Craig, 1915, 508 (treatment).—Dickinson & Hill, 1916 or 1917, 1-7.—Gedöelst, 1911a, 109 (in cattle; Australia, Constantine).—Gilruth & Sweet, 1911, (N. S. Wales), 1-34, figs. 1-37; 1912, v. 25, 23-30; 1912, 316-345, figs. 1-37; 1915, QAJ, v. 29 (5), 433-439.—Johnst., 1912, v. 23, 207-231.—Johnst. & Cleland, 1910, v. 44, 171-189, 1 pl.—JTMH, 1912, v. 15, 179-180.—McEachran & Hill, [? 1915], 1-8; 1916, VJ, v. 72, 213-219.—Mason, 1916, 38-39.—Neum., 1911, v. 8, 340-342, figs. 1-5.—Nicoll, 1914, ATMP, v. 8 (3), 609-621 (biology); 1914, Sept. 12, 6-7 (in cattle; Queensland).—Seur., 1916, 347-348 (in *Hæmatopinus vituli*).—Sweet, 1915, 5-47 (in *Bos taurus*, *B. indicus*).
- gutturosa* Neum., 1910, v. 67, 270-278, figs. 1-5 (in *B. t.*; Constantine); 1911, VN, v. 8, 340-342, figs. 1-5.—Gedöelst, 1911a, 109.—Mason, 1916, 33 (in cattle; Soudan, Egypt).—Nev.-Lem., 1912a, 817.—Sweet, 1915, 16, 20, 24, 25, 26, 27, 31, 32, 45, 47 (in *B. t.*).
- indica* Sweet, 1915, 19, 20, 21-23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 45, 47, figs. 5-9, 11 (in *Bos bubalis*, *B. indicus*; India).
- lienalis* (Stiles, 1892) Gedöelst, 1911a, 109 (in ox; U. S.).—Nev.-Lem., 1912a, 817.—Pillers, 1914, VR, v. 27, 51 (linealis).—Sweet, [1915], 31 (in *B. t.*).
- linealis* Pillers, 1914, VR, v. 27, 51 (for *lienalis*).
- reticulata* Dies., in Herm., 1841b, 200 (s. *Trichina reticulata equi-caballi*) (in *Equus cab.*; Wien; in Herm., 1841a, 88-89; 1851a, 287; 1855e, 181, pl. 5 figs. 14-24 (in *E. c.*; Wien, Berl.).—Anacker, 1890g, 373.—Bail., 1866b, 84.—Billet & Fayet, 1907, 377; 1908, v. 16 (18), 262.—Cobbald, 1873c, 111; 1874h, 83; 1879b, 385.—Craig, 1915, 508 (treatment).—Crep., 1846b, 155, 171 (to Fil.) (in horse).—Dav., 1877a, ciii, fig. 57.—Deupser, 1894a, 20 (s. *Fil. cincinnata*).—Fiebigar, 1912a, 238.—Gedöelst, 1911a, 109 (in horse).—Hancock, 1911, v. 1 (1), 24-26.—Journ. vet. agric. Belgique, 1832, v. 1, 554.—JMMH, 1911, v. 1 (1), 24.—Leuck., 1876a, 635.—Mason, 1916, 38 (in horse; Egypt).—Nev.-Lem., 1912a, 813.—Pader, 1907a, 167; 1907d, 593.—Perronc., 1882a, 331.—Rail., 1893a, 538.—Rail. & Henry, 1909, v. 86, 128; 1909, v. 68 (6), 249-250 (2) (s. *Spiropt. cincinnati*) (in *E. c.*); 1910, v. 67, 279 (in horse; Provence).—Ratz, 1898a, 104.—Schneidem., 1896a, 308 (*retikulata*) (in horse).—Seur., 1916, 348.—Sweet, 1915, 17, 45, 47.—TV, 1870, v. 18, s.—Ward, 1895a, 334 (in *B. t.*), 340 (in *E. c.*).—Züern, 1882a, 247 (so. *Fil. cincinnata*).

retikulata Schneidem., 1896a, 308 (for *reticulata*).

- volvulus* (Leuck., 1893) Rail. & Henry, 1910, v. 68 (6), 250-251 (in *Homo*; Africa); 1910, v. 3, 91-93; 1910, v. 67, 279, 280 (in *H.*; Africa).—[Antoine, 1910, v. 3 (2), 88-90 (case).]—Braun, 1915a, 327, figs. 286, 287.—Brumpt, 1913a, 518.—Clapier, 1917, BSPE, v. 10, 150-157 (la Guinée).—Dubois, 1916, BSPE, Congo-309; 1917, BSPE, v. 10, 365-371 (elephantiasis, at Haut-Ouelli, Congo Belge).—F., S., & T., 1916a, 417-419, 755.—Füelleborn, 1913, AST, v. 17, 501-514 (5-18), pl. 1 figs. 1-3; 1913, 316-321, pl. 6 figs. 6-8; 1913, AST, v. 17 (23), 843-844; 1913, v. 70 (5-6), 321-326, figs. 1-6.—Gedöelst, 1911a, 109, fig. 147 (in man; E. Africa).—Gray, 1911, v. 14 (7), 111.—Küelz & Bach, 1913, CfB, v. 70, 321-326, 1-6.—Lecompte, 1915, BSPE, v. 8 (9), 655-656.—Leiper, 1912, v. 2 (1), 40.—Looss, 1914, v. 2, 478.—Massey, 1912, v. 2 (1), 40.—Neum. & Mayer, 1914a, 70, 398.—Pillers, 1914, 51.—Rodenwaldt, 1912, AST, v. 16, 30-31; 1912, CfB, 549; 1913, v. 17 (23), 843.—Rodhain, 1915, BSPE, 734, 740, 742.—Rodhain & van den Branden, 1916, BSPE, 186-198 to Fil. (O.).—Seur., 1916, 348.—Stitt, 1916a, 319.—Sweet, 1915, PRSQ, 1-53, pls. 1-7 figs. 1-12.—Tidswell, 1912, 137-138.

Onchocerciasis (infection with *Onchocerca*).—Berger, 1911, v. 38, 909-914, 1 pl.—Cleland, 1911, AMG, v. 31, 438-442; 1912, JTMH, v. 15, 232-235; 1912, 2 Rep. Gov't. B. Sydney, 138-141; 1912, JLSTM, 38-39.—Leiper, 1910, BMJ, v. 2, 1796-1797; 1910, VN, v. 7, 736-737; 1911, VN, v. 8, 61-66, 1 fig.; 1911, JTMH, v. 14, 87-93, figs. 1-13; 1911, 6-16, pls. 1-3 figs. 1-13.—Looss, 1914, 477.—McFadden, 1911, 1-5.—Nicoll, 1911, JMMH, v. 1, 71-76.—Piettre, 1916, BScMv, v. 70, 202-203.—Sweet, 1915, PRSQ, 1-53, pls. 1-7 figs. 1-12.—Tidswell, 1912, 137-138.

ONCHOCERCINÆ Leiper, 1911, v. 1 (1), 23 (subf. of Filariidæ, contains *Onchocerca*).—F., S., & T., 1916a, 417.

Onchocercosis (see *Onchocerciasis*).—Looss, 1914, 477.

ONCHOCEREA Schneidem., 1896a, 308 (for *Onchocerca*).—AVR, 1910, v. 37, 576.

- ONCHOCEREAS AVR, 1910, v. 37, 575-577 (for Onchocerca).
- ONCHOCERKA Schneidem., 1896a, 308 (for Onchocerca).
- ONCHOPERA Krøyer., 1852-53a, 1261 (for Onchophora).
- ONCHOPORA Krøyer., 1852-53a, 1261 (for Onchophora).
- ONCHOLÆMUS Wagener, 1857a, 72 (for Oncholaimus).
- ONCHOLAIMA Duj., 1845a, 653 (changed to Oncholaimus Duj., 1845a, 230, 235-237, 653).—Stiles & Hass., 1905b, 124.
- ONCHOLAIMEBLUS Man, 1890b, 189-192 (mt. calvadosicus).—Stiles & Hass., 1905b, 124.
- calvadosicus* Man, 1890b, 190-192, pl. 5 fig. 10 (marine: côtes du Calvados et de la Manche).
- heterurus* Cobb., 1914t. TAMS, v. 33, 100-102 (66-68, 96) pl. 7 fig. 21 (fresh water pond; near Ocala, Fla.).
- ONCHOLAIMUS Duj., 1845a, 230, 235-237, 653 (type by Stiles & Hass., 1905b, 124, probably attenuatus).—Carus, 1863, v. 2, 459.—Cobb, 1893b, 255, 295; 1917n, 453.—Eberth, 1863a, 24-27.—Jägers., 1897, 19, 22.—Linst., 1896a; 1907, v. 1 (4), 45-46, figs. 1-2; 1907, April, v. 2 (3), 172; 1908, v. 15 (9-11), 326.—Man, 1876a, 181; 1876b, 104; 1889a, 162-169, pl. 6 figs. 1-2f; 1904a, in 1-51, pls. 1-11; 1907, 26.—Mol., 1857, 151.—Oerley, 1880a, 144.—Schneid., 1866a, 51.—Shipley, 1901b, 157.—Stewart, 1914, v. 10, pt. 4 (13), 245 (chiefly marine).—Strassén, 1894a, 460-474, pl. 29 figs. 1-15; 1895, 57; 1895, 460-473.—Villot, 1875a, 460-461.
- albidus* Bast., 1865c, 137, pl. 11 figs. 141-142 (marine tide-pools; Falmouth).—Büetsch., 1874b, 275-276, fig. 39a-c (Kieler Bucht).
- antarcticus* Linst., 1896a, 9, figs. 10-11 (free; Uschuaia).
- anthophorus* Savelev, 1912, 116-117 (Kolafjord, Hirschenfjord).
- attenuatus* Duj., 1845a, 236 (in water among algae; Lorient).—Bast., 1865c, 137-138, pl. 11 figs. 134-136 (half tide-pool; Falmouth).—Southern, 1914a, 48 (Clare I.).
- brachycercus* Man, 1889b, 5-6; 1907, v. 20, 87 (marine; Zealand).—Steiner, 1915, ZJ, 240.
- chillensis* Stewart, 1914, RIM, v. 10, 245-246, figs. 1-4, 15, 17, 18 (aquatic; Chilka Lake, India).
- demani* zur Strassen, 1894a, 461-473, pl. 29 figs. 2, 13, 15 (s. albidus Bast. of de Man) (free; Gulf of Nap.).—Filipjev, 112, TSN, v. 43 (4), 205-215, figs. 1-8, 220-222.
- derjugini* Savelev, 1912, 116 (Mogilnojesej).
- dujardini* Steiner, 1915, ZJ, 237-240, pl. 24 figs. 28-30 (for dujardini).
- dujardini* Man, 1877a, 94, 95, 96, pl. 7 figs. 4a-c (littoral occidental de la France).
- echini* Leyd., 1854a, 291-292 (in intest., Echinus escul., by Leyd.).—Bast., 1865c, 139 (in E. e.).—Par., 1894a, 245 (in E. e.; Genoa).—Shipley, 1896a (1901b), 157 (in E. e.); 1901, v. 44, 281-290, 1 pl.—Wagener, 1857a, 52 (Oncholaemus).
- fovearum* Duj., 1845a, 236-237 (in un fossé, containing Branchipus entomostraces, hydatides, and Euglena; Rennes).—Büetsch., 1873a, 73.—Menz., 1913, ZA, 411.
- fuscus* Bast., 1865c, 136-137, pl. 11 figs. 139-140 (marine surface mud from estuary; Falmouth).—Büetsch., 1874b, 275.—Jägers., 1904b, 417.—Man, 1907, 87 (Zealand).—Stewart, 1914, 183; 1914, RIM, 246.—Villot, 1875a, 461, 465 (Roscoff).
- glaber* Bast., 1865c, 136, pl. 11 figs. 129-130 (marine surface mud from estuary; Falmouth).—Man, 1890b, 188-189, pl. 5 fig. 9 to (Viscosia) (Penzance, Calvados).—Villot, 1875a, 461 (Roscoff).
- indicus* Linst., 1907, v. 1 (1), 45-46, figs. 1-2 (free; Port Canning Lower Bengal); 1908, v. 15 (9-11), 326.—Stewart, 1914, RIM, v. 10, 246; 1914, 182-183, pl. 23 figs. 66-70 (Calcutta).
- langruncensis* Man, 1890b, 186-188, pl. 4 fig. 8 to (Viscosia) (marine; côtes du Calvados).
- lepidus* Man, 1889a, 156-168, pl. 6 figs. 2a-f.—Schneid., 1906d, 627.
- linstowi* Man, 1904, EAB, 15-16, pl. 3 fig. 5 to (Viscosia) (sur carapace d'un crabe, Eurypodius latreilli; Bai d'Orange, Terre de Feu).—Linst., 1907, v. 2 (3), 172.
- macrolaimus* Southern, 1914a, 44-45, pl. 6 figs. 16a-d (Clew Bay).

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- megastoma* Eberth. 1863a. 26, pl. 1 figs. 18–20 (Nizza).—Bast., 1865c. 138–139.—Villot. 1875a. 466 (Med.).
- muscorum* Duj., 1845a. 237 (free, dans les touffes de mousses, at Paris; in ? *Gasterosteus lævis*, at Rennes).—Buëtsch., 1873a. 74.—Man, 1912, ZJ, 448.
- oxyuris* Ditlevsen. 1912. 230–231, pl. 2 figs. 8–9, 12–13 (Hellerup Strandeng).
- papillosus* Eberth. 1863a. 26–27, pl. 1 figs. 13–17 (Nizza).—Bast., 1865c. 138.—Villot. 1875a. 466 (Mediterranean).
- punctatus* Cobb. 1914. TAMS. 73. 91–92 (39. 57–58), pl. 5 fig. 14 (fresh water ponds; Cape Breton Isl., Canada).
- rivalis* Leyd., 1854a. 291, figs. 8–9 (aquatic; Main).—Bast., 1865c. 139.—Buëtsch., 1873a. 7. 120 (to *Diplogaster*); 1874b. 274.—Oerley, 1880a. 115.—Stewart. 1914, 245.
- similis* Southern. 1914a. 47–48, pl. 6 figs. 17a–d (Blacksod Bay, Ballynakill Harbor).
- spiralis* Linst., 1908, 27, pl. 4 figs. 16–17 (free; Luderitzbucht, Africa).
- thalassophygas* Man. 1876a (b). 181–183 (104–106), pls. 12–13, figs. 48a–c.—Ditlevsen. 1912. 221, 224, 229.—Oerley, 1880a. 144.—Silva Araujo. 1878b. 52 (thalassophygas).—Stewart. 1914, v. 10, pt. 4 (13), 245.
- viridis* Bast., 1865c. 137, pl. 11 figs. 137–138 (tide-pools; Falmouth).—Ditlevsen. 1912, 229–230.—Villot, 1875a. 465 (Eng.).
- viscosus* Bast., 1865c. 136, pl. 11 figs. 131–133 (marine surface mud from estuary; Falmouth).—Buëtsch., 1874b. 275, fig. 38 (Kieler Bucht, Nap.).—Cobb, 1917n. 436.—Man. 1890b. 184–186, pl. 4 fig. 7 to (*Viscosia*) (Holland, Calvados, de la Manche); 1907, 43, 87 (Zealand).
- vulgaris* Bast., 1865c. 135–136, pl. 11 figs. 126–128a (tide-pool; Falmouth).—Buëtsch., 1874b. 268, 274–275, figs. 37a–b (Kieler Bucht, W. Greenland).—Evans. 1915. 360.—Filipjev. 1912. TSN. v. 43. 205–215, 220–222.—Linst., 1902a. 225–227, figs. 11–12 (free living); 1903u (1904a). 276 (12) (free; Murman Coast).—Southern. 1914a. 46–47, pl. 5 figs. 15a–c (Blacksod Bay, Clare Isl.).—Stewart. 1906a. 101–150, figs. 1–9, pls. 7–9 figs. 1–40; 1906b. 554; 1907a. 72–74; 1914, 246.—Villot. 1875a. 461, 465 (Manche, Baltic, Roscoff).

ONCHOPHORA Krøyer. 1838–40a. 596 (for *Oncophora*).—Cast. & Chalm., 1913a. 575.

neglecta (Dies., 1851) Ben., 1871a. 37.

ONCHOCERCA (rep. 1846b. 171 (see *Onchocerca*).—Nev.-Lem., 1912a. 652 (emendation).—Stiles & Hass., 1905b. 124.

ONCOPHORA Dies., 1851a. 81. 296 (mt. *neglecta*) [not *Onchophora* Busk. 1855, mollusk; *Onchophorus* Rudow., 1874, neuropt.].—R. Bl., 1888a. 774.—Cast. & Chalm., 1910a. 456.—Eberth. 1863a. 43. 44.—Stiles & Hass., 1905b. 124.

neglecta Dies., 1851a. 296 (s. *Trichoc. gibbosus*) (in *Thynnus vulg.*; M. C. V.).—Ben., 1871a. 37.—Krøyer., 1838–40a. 596, 1261 (*Onchofora*) (in T. v.); 1852–53a, 1261.

ONCHOUREA Nicoll, 1915, 408–409 (misprint for *Onchocerca*).

ONYX Cobb, 1891c. 146 (mt. *perfectus*) [not *Onix* Mayr & Forel, 1884, insect (Zool. Rec. (1884), 1885, v. 22, Index, 7)]; 1893b. 295.—Shipley, 1896a (1901b), 131.—Stiles & Hass., 1905b. 125.

perfectus Cobb, 1891c. 147, 153–155, figs. 4 5, 7–8 (Bay of Nap.).—Stiles & Hass., 1905b. 125.

OPHIOSTOMA n. g. Cloq., 1822b. 32 (mt. *ponterii*) [see below].

OPHIOSTOMA Rud., 1801a. 48 (sd. *Cystidicola farionis*), (mentions *Asc. phocæ*, *globlecola*, *rajæ* (? *Asc. bifida*), *Cystidicola farionis*). 54 (so. *Cystidicola*) [not *Ophiostomus* for *Ophistomis* Dej., 1834, coleopt.]; 1802a. 30–31; 1809a. 4, 16, 32, 117, pl. 3 figs. 13–14, pl. 7 figs. 1–2; 1819a. 60, 304.—Blainv., 1824a, 514 (s. *fissule*); 1828a. 540.—Brems., 1824c. 129.—Burm., 1837a. 535.—Cat. RCSI, 1830, 44.—Cloquet, 1822a. 98; 1822b. 32 (n. g.).—Crep., 1839a. 283.—Deslgch., 1824gg. 578–579; 1827d. 241.—Duj., 1845a. 273.—Fischer, 1840, v. 13 (1), 155.—Goldb., 1855a. 111.—Hall, 1916a. 64, 168 (so. *Rictularia*); 1916, RMv. 518.—Hémond, 1827a. 8.—L'Herminier, 1826, 10.—Joy, 1835a. 504.—Kolenati, 1856d (1857a), 13.—Linst., 1909, 48, 57.—Mol., 1857a. 151.—Muenier, 1838, v. 6, 355.—Nordm., 1840a. 657 (so. *Fissula*).—Olfers, 1816a, 23. 61.—Raf., 1815a. 151 (g. of *Filaridia*).—Schneid., 1866a. 13, 15, 66, 126.—Stiles & Hass., 1899a. 105; 1905b. 125.—See also *Ophiostomum*, *Ophiostomus*.

OPHIOSTOMA—Continued.

- amphiacanthum* Dies., 1851a, 246 (in *Lemmus dasytrichus*; Brazil).—Hall, 1916a, 175 (to *Rictularioides*; 1916, RMv. 519.—Jägers., 1909 (25), 40 (to *Rictularia*).—Reported for *Hesperomys rufus*.
- armatum* Linst., 1889a, 10 (in *Myoxus glis*) (? for *cristatum*).
- bifidum* (Fabr., 1780) Zed., 1803a, 128 (in *Phoca grœnlandica*).—Duj., 1845a, 274 (so. *dispar*).—Rud., 1809a, 119 (so. *dis*).
- bovieri* (R. Bl., 1886), Linst., 1889a, 7 to (*Rictularia*) (in *Vespertilio murinus*).
- cristatum* (Frœl., 1802) Rud., 1819a, 60–61, 304–305 (in intest. *Myoxus muscardinus*, *M. glis*, *M. dryas*; C. E. V.).—Blainv., 1828a, 540 (in loir).—R. Bl., 1886i, 303 (10) (to *Rictularia*).—Cobbold, 1879b, 315 (in *Myoxus*).—Deslgch., 1824, 578).—Dies., 1851a, 245 (in *My. dr.*, *M. muscardinus*).—Duj., 1845a, 280 (to R.).—Hall, 1916a, 169 (to R.).—Jägers., 1909 (25), 38 (to R.).—Reported for *M. avellanarius*, *Mus sylvaticus*.
- cystidicola* (Lam., 1801) Rud., 1809a, 122–123 (in *Salmo fario*; 1819a, 26, 61.—Cuv., 1817a, 32.—Nordm., 1840a, 658 (to *Fissula*).—Oken, 1815a, 197.—Olfers, 1816a, 61.—Westwood, 1851, 645.
- denticulatum* Rud., 1814a, 89 (s. *Rictularia cristata*) (in *Mus dryas*, *M. glis*, *M. sylvaticus*; Europe).—Olfers, 1816a, 61.
- dispar* Rud., 1809a, 119–121 (s. *bifidum*, *phocæ*, *Asc. atak*, *bifida*, *neitsib*, *phocæ*, *Echinor. phocæ*, *Proboscidea bifida*) (in intest., *Phoca fœtida*, *P. grœnlandica*; by Fabr.); 1819a, 61 (in intest., *P. f.*, *P. g.*).—Cobbold, 1879b, 243 [not *Oxy. dispar*], 314 (in *P. hispida*, *P. grœnlandica*).—Crep., 1844a, 129.—Duj., 1845a, 274–275 (in *P. f.*, *P. g.*; in polar seas).—Lûeche, 1905b, 332 (so. *Asc. phocæ*, *Echinor. phocæ*).—Nordm., 1840a, 657 (so. *Fissula phocæ*).—Oken, 1815a, 197.—Olfers, 1816a, 61.
- gloibicola* (Fabr., 1780) Rud., [1801a, 48:] 1810a, 279.—[Zed., 1803a, 122, 128 (in *Gasterosteus aculeatus*).]
- hominis* Oken, 1815a, 197 (in *Homo*; Journ. d. Physique, 1787).
- lepturum* Rud., 1809a, 121–122, pl. 7 figs. 1, 2 (in *Coryphæna hippuris*; by Tilesius); 1819a, 61 (in C. h.).—Crep., 1844a, 129.—Duj., 1845a, 275 (in C. h.).—Nordm., 1840a, 658 (so. *Fissula cystidicola*).—Oken, 1815a, 197.—Olfers, 1816a, 61.
- macdonaldi* (Bell, 1881) Linst., 1889a, 8, to (*Pterygodermatites*) (in *Megaderma frons*).—Jägers., 1909 (25), 22 (to *Rictularia*).—Par., 1898a (b), 117 (16) (*magdonaldi*).
- magdonaldi* Par., 1898a (b), 117 (16) (for *macdonaldi*) [cf. "Dobson and Magdonald"]].
- mucronatum* Rud., 1809a, 117–119, pl. 3 figs. 13–14 (in intest., *Vespertilio auritus*; by Gœze); 1819a, 61, 305 (in *V. a.*, *V. lasiopterus*, *V. murinus*; Greifsw.).—Ben., 1873c, 316–318 (in bats).—Blainv., 1828a, 540 (in *chauve souris*).—Carnoy, 1886b, 30, 36, 49, 52, 53, 55, 58, 59, 68, 77, pl. 7 figs. 181–199 (in *V. a.*); 1887b, 240, 297.—Cobbold, 1879b, 294 (in *Cheiroptera*).—Duj., 1845a, 273–274 (in *Plecotus auratus*, *V. l.*, *V. m.*; *Mus. Venice*).—Hall, 1916a, 64.—Kolenati, 1856d (1857a), 13 (in *Myotis murinus*, *Nannugo pipistrellus*, *Panugo noctula*, *Plecotus auratus*).—Lam., 1816, 211 (to *Fissula*).—Linst., 1902a, 221, fig. 5 (in *P. a.*, *V. daubentonii*, *V. m.*, *V. nattereri*, *Vesperugo noctula*, *V. pipistrellus*; Coll. Munich); 1909a, 57 (in *V. d.*).—Nordm., 1840a, 657 (to *Fissula*).—Oken, 1815a, 197 (in *V. a.*).—Olfers, 1816a, 61.—Romanowski, 1843a, 302–304.—Schneid., 1866a, 66.—Seur., 1915, 22 (in *Chauves souris*).—Specimen in Brit. Mus. was determined by Sons., 1893, as *Dist. trigonoc*.
- phocæ* (Fabr., 1780) Zed., 1803a, 114, 128 (in intest., *Phoca fœtida*, *P. grœnlandica*).—Duj., 1845a, 274 (so. *dispar*).—Rud., 1809a, 119 (so. *d.*).
- pontieri* Hémont, 1827a, 12–13 (in *Homo*) (for *pontieri*).
- pontieri* Cloq., 1822b, 32 (in H.; near *Uzerches*).—Larère, 1829a, 13.—L'Hermier, 1826a, 14.—Stiles, 1907c, 65 (in H.).
- pontieri* (Chiaje, 1825) [Chiaje, 1825a, 35–36, pl. 10 fig. 3 (*Ophystoma*) (so. *Gord. aquaticus*; 1833a, 38 (*Ophystoma*) (? so. *G. aquat.*) (in H.); by Pontier).—Zenker, 1827a, 55 (so. *G. aquaticus*).—R. Bl., 1890a, 90 (so. *G. tolosanus*); 1897d, 616 (3).—Gerv. & Ben., 1859b, 161.—Leuck., 1876a, 616 (? so. *G. aquat.*).—Par., 1901, CM, 4 (so. *G. tol.*).—Rail., 1893a, 563, fig. 386 (so. *G. tol.*).—[Romanovski, 1843a, 302–304 (in H.).]

OPHIOSTOMA—Continued.

- pouterii* Cloq., 1822a, 97–99 (vomited by Homo; Uzerches, by Raymond Poutier).—Degland, 1825, 310.—Stiles, 1907c, 65.
- rajæ* (Fabr., 1780) Rud., [1801a, 48:] 1810a, 270 (=Nematoideum rajæ-fullonica).—Zed., 1803a, 124 (in *Raja fullonica*).
- sphærocephalum* (Rud., 1809) Rud., 1819a, 61, 305–307 (intest., *Accipenser sturio*, Greifsw., Berl.).—Ben., 1858a, 1861a, 272 (to *Dacnites*).—Blainv., 1824a, 517 (apparently type of *pleuro-rhynque* Nau); 1828a, 540 (in sturgeon).—Brems., 1824a, 129.—Crep., 1839a, 283 (in *Accipenser sturio*).—Dies., 1851a, 244–245.—Duj., 1845a, 271 (to *Dacnitis*), 275 (s. *cystidicola*) (? in *Salmo fario*).—Hofer, 1904a, 230 (in *A. ruthenus*).—Kröy., 1852–53a, 778 (in A. s.).—Mol., 1861c, 310.—Nordm., 1840a, 658.—Schneid., 1866a, 66.
- spinosum* Will.-Suhm, 1869a, 473–474 (in *Brachyotus mystacinus*; Berchtesgaden); 1873, 331–332, pl. 17 fig. 1.—R. Bl., 1886i, 303 (10) (so. *Rictularia plagiostoma*).—Cobbold, 1879b, 294 (in *Cheiroptera*).—Jagers., 1909 (25), 31 (? so. R. p.).—Linst., 1878, 12, 16 (in *Erinaceus auritus*, *Vespertilio mystacinus*).
- tacapense* Seur., 1915, CrSB, v. 78, 20–22 (11–13), figs. 1–4 (in intest., *Ctenodactylus gundi*; Matmata, Sud Tunisien); 1916, 143.—Hall, 1916a, 62 (to *Seuratum*).
- tubæformis* (Zed., 1800) Gerv. & Ben., 1859b, 108 (in *Felis catus*, *F. concolor*, *F. leopardus*, *F. mellivora*, *F. onca*, *F. pardus*, *F. tigrina*, *F. viverrina*).—Bail., 1866b, 59 (to *Dochmius*) (in cat.).—Rail., 1900d, 90, 94 (= *Unc. sp.*).
- OPHIOSTOMIDEA Dies., 1861a, 648 (fam., contains *Dacnitis*, *Ophiost.*, *Rictularia*, *Stelmus*).—Oerley, 1885a, 103 (fam.).
- OPHIOSTOMUM Crep., 1839a, 283 (for *Ophiostoma*).—Dies., 1851a, 243.
- OPHIOSTOMUS Westwood, 1851, 645 (for *Ophiostoma*) (*O. cystidicola*).
- OPHYOSTOMA Chiaje, 1833a, 38 (for *Ophiost.*).
- OPHYSTOMA Chiaje, 1825a, 35 (for *Ophiost.*).
- ORNEOASCARIS Skrj., 1916, 50–51, 124–125 (tod. mt. *chrysanthemoides*) (*Ascaridæ*).
- chrysanthemoides* Skrj., 1916, 51–53, 112, 125–127, pl. 4, figs. 22–26 (in *Bufo* sp.; Brit. E. Africa).—Seur., 1917, CrSB, 97 (30) (in B.; B. E. A.).
- ORNITHOSTRONGYLUS Trav., 1914, Bm, May 1, 163 (3) (tod. *fariai*) (*Trichoststrongylidæ*).
- fariai* Trav., 1914, Bm, 163 (3, 4) (in intest., *Leptoptila rufaxilla*; Est. do Rio Jan.).
- quadriradiatus* (Stev., 1904) Trav., 1914, Bm, 163 (3, 4).
- ORYURIS Westwood, 1851, 644 (for *Oxyuris*, q. v.).
- Ossiuride (Italian for *Oxyuris*).—Masch, 1910, v. 2, 394–395.
- Ossiuridi Perronc., 1882a, 334 (for *Oxyuridæ*).
- OSTERTAGIA Rans., 1907k, 2–3 (tod. *Str. ostertagi*); 1911a, 14, 21, 49, 54–55, 56, 58, 59, 62, 67, 68, 69.—Gedølst, 1911a, 119.—Nev.-Lem., 1912a, 645.—Rail. & Henry, 1909a, 86, 87; 1912, 566.—Trav., 1914, 4.
- brigantiaca* R. Bl. in Rail. & Henry, 1909a, 87 (in chamois; Briançon).—Rans., 1911a, 14, 55, 69, 122 (in *Rupicapra rupicapra*; France).
- bullosa* Rans. & Hall, 1912, PUSNM, v. 42, 175–179, figs. 1–4 (in *Ovis aries*; Colorado, Montana).
- circumcincta* (Stadelmann, 1894) Rans., 1907k, 2; 1911a, 14, 55, 58, 59–62, 122, 123, figs. 44–49 (s. *Str. vicarius*, *cervicornis*, *instabilis*) (in *Antilocapra americana*, *Capra hircus*, *O. a.*, *Rangifer terrænovæ*; Europe, U. S. A., New Zealand, Australia).—Blgr., 1914, P, v. 7 (3), 242, 243 (s. *Str. cerv.*) (in stom. and intest., *O. a.*; Eng.).—1915, P. 135.—Fiebiger, 1912a, 273.—Gardener, 1911, 484, 485, 486, 492, 493 (in sheep, goat; Europe, U. S. A., New Zealand, Australia).—Gedølst, 1911a, 119 (in sheep).—Ihle, 1917, 165, 167, 168, 169.—Nev.-Lem., 1912a, 709, 717.—Rail. & Henry, 1909a, 87.—Wolfth., 1911, 66.
- marshalli* Rans., 1907k, 3 (in *Ovis aries*; Montana); 1911a, 14, 55, 62–67, 68, 122, figs. 55–58 (s. *Hemonchus* sp. Marshall, 1904) (in *O. a.*; M.).—Gedølst, 1911a, 119 (in sheep).—Maupas & Seur., 1913, CrSB, 37, fig. 8.—Rail. & Henry, 1909a, 87.—Seur., 1913, 76, 81, fig. 8; 1914, 635, 639–640, fig. 8.

OSTERTAGIA—Continued.

- mentulata* Rail. & Henry, 1909a, 87 (in dromadaire; India).—Gedœlst, 1911a, 119 (in d.; I.).—Marotel, 1912, 208 (in d.; I.).—Nev.-Lem., 1912a, 717.—Rans., 1911a, 14, 55, 68–69, 70, 123, figs. 62–63 (in *Camelus dromedarius*; I., U. S. A.).
- occidentalis* Rans., 1907k, 3 (in *Ovis aries*; Montana); 1911a, 14, 55, 67–68, 69, 122, figs. 59–61 (in O. a.; M.).—Gedœlst, 1911a, 119 (in sheep).—Rail. & Henry, 1909a, 87.
- ostertagi* (Stiles, 1892) Rans., 1907k, 2; 1911a, 14, 55, 56–59, 82, 121, 122, figs. 38–43 (s. *Str. convolutus* Ostertag, species *Harkeri*, *cervicornis*, *harkeri*) (in *Bos taurus*, *Ovis aries*, O. *nahura*; Europe, U. S. A., ? Australia, New Zealand).—Craig, 1915, 498.—Fiebiger, 1912a, 272.—Gardner, 1911, 484, 493, fig. 2 (in cattle; Europe, U. S. A., N. Zealand).—Gedœlst, 1911a, 119, fig. 160 (in goat, ox, sheep).—Ihle, 1917, 169.—Rail., 1915, 741; 1915, RMv, 502.—Rail. & Henry, 1909a, 87.—Wolffh., 1911, 66.
- tricuspis* Marotel, 1912, RgMv, v. 19, 208 (in mouton; France).
- trifida* Cuillé, Marotel, & Panisset, 1911, Bull. Mém. Soc. Sci. vét., Lyons, v. 14 (2), 94–103 [nv.].—Gedœlst, 1911a, 119 (in sheep).
- trifurcata* Rans., 1907k, 2 (in *Capra hircus*, *Ovis aries*; U. S. A.); 1911a, 14, 55, 62, 63, 122, figs. 50–54 (in C. h., O. a.; U. S. A.).—Blgr., 1914, P, v. 7 (3), 241, 243–245, fig. 1, pl. 19 figs. 1–5 (in O. a.; Eng.).—Cave, 1914, P, v. 7, 201–203, figs. 1–3.—Gedœlst, 1911a, 119 (in C. h., O. a.).—Ihle, 1917, 165, 169.—Rail. & Henry, 1909a, 87.
- OSWALDOCRUZIA Trav., 1917, Bm, v. 31 (9), 73 (tod. *subauricularis*).
- bialata* (Mol., 1861) Trav., 1917, 73 [t. h. *Pelophylax esculentus*; Padua].
- denudata* (Rud., 1819) Trav., 1917, 73 [t. h. *Coluber tessellatus*; Mus. Wien].
- dispar* (Duj., 1845) Trav., 1917, 73 [t. h. *Anguis fragilis*; Rennes].
- filiformis* (Gœze, 1782) Trav., 1917, 73 (s. *Str. auricularis* Zed., 1800) [t. h. *Rana temp.*; Europe].
- leidy* Trav., 1917, 73 (n. n. for *Str. auricularis* Zed. of Leidy, 1856, not Zed., 1800 [t. h. *Bufo americanus*, *Cistudo carolina*]).
- subauricularis* (Rud., 1819) Trav., 1917, 73 (in *Bufo aqua*, *B. musica*, *B. ornatus*, *Ceratophrys cornuta*, *Cystignathus ocellatus*; Brazil).
- subventricosa* (Schneid., 1866) Trav., 1917, 73 [t. h. *Rana cornuta*; Brazil].
- OXINEMA Trav., 1914, v. 6 (2), 138 (g. of *Heterakidae*) (for *Oxyinema*).
- OXYURIS Hamm. in Leuck., 1835a, 88 (for *Oxyuris*).—Grassi & Par., 1878, 194; 1879, 421.—Clin. Mal., 1883, 309.
- OXYURUS Sons., 1878, 613 (for *Oxyuris*).—Clin. Mal., 1883, 309.—Stiles & Hass., 1905b, 125.
- curvula* (Rud., 1803) Sons., 1878, 613.
- OXYARIS Calmette, 1895, v. 60, 218 (for *Oxyuris*).
- OXYCEPHALA Blainv., 1828a, 535 (order) [not *Oxycephala* Guér., 1830, col.; Macq., 1843, dipt.].—Baird, 1853a, 2.
- OXYNEMA Linst., 1899b, 19–20 (mt. tod. rectum).—Lane, 1916, IJMR, 100, 101.—Stiles & Hass., 1905b, 125.
- boueti* (Gendre, 1911) Rail. & Henry, 1914, ICZ, 682 to *Subulura* (*Oxyinema*) (in *Xerus erythropus*).—Hall, 1916a, 54 (to *Subulura*).
- crassispiculum* (Sons., 1889) Rail. & Henry, 1914, 682 (in *Vulpes* (*Megalotis*) *zerda*, to *Subulura* (*Oxyinema*)).
- rectum* Linst., 1899b, 19–20, pl. 5 fig. 56 (in *Canis megalotis* [= ? *Fennecus famelicus* or *F. zerda*], C. *vulpecula*; Egypt).—Hall, 1916a, 52, 60.—Rail. & Henry, 1914, 681, to *Subulura* (*Oxyinema*) (in *Vulpes* (*Megalotis*) *zerda*, *V. vulpes ægyptiaca*).—Seur., 1915, CrSB, 126 (so. *Allodapa crassispiculum*).
- OXYSOMA Schneid., 1866a, 23, 29, 54, 114–116, 190, 192, 201, 202, 204, 218, 242, 245, 248 [not *Oxysuma* Gerv., 1849, arachnoid; Kraatz, 1865, colept.].—A., D., & E., 1901b, 4.—R. Bl., 1888a, 661.—Linst., 1909a, 48, 59.—Rail. & Henry, 1916, 248–249; 1916, 115 (so. *Oxysonatium*).—Shipley, 1896a (b), 139, 142.—Skrj., 1916, 140.—Stadelmann, 1891a (1892a), 24 (164).—Stiles & Hass., 1905b, 125 (type probably *brevicaudatum*).—Stöck., 1898c, 80.
- acuminatum* (? Schrank, 1788) Schneid., 1866a, 28, 202, 234, pl. 17 fig. 4.
- acuticauda* Linst., 1901b, 415, fig. 14 (in *Numida rikwa*; Usanga, Rukwa-See, Africa).

OXYSOMA—Continued.

- brevicaudatum* (Zed., 1800). Schneid., 1866a, 114–115, pl. 11 fig. 1 (in intes., *Rana temp.*).—André, 1912, 481–482, 484–485; 1913, 185 (in *R. t.*; Switz.).—Galli-Val., 1901c, 362 (in *Salamandra maculosa*).—Kowal., 1904, v. 38, 22 (7) (in *R. t.*; Dublany).—Kholodk., 1901, 253 (in *R. t.*, *Bufo vulg.*).—Lane, 1915, 114.—Linst., 1877, 179–180, pl. 12 fig. 9 (in *Anguis fragilis*); 1885, 246; 1886, 115–121, figs. 1–17; 1890d, 182; 1909a, 60, fig. 27 (in *Bombinator igneus*, *Bufo variabilis*, *B. vulg.*, *Pelobates fuscus*, *R. t.*, *Tropidonotus natrix*).—Mûeh., 1898b, 53 (in *Bufo cinereus*, *B. var.*, *B. vulg.*, *R. t.*).—Rail. & Henry, 1916, CrSB, 249, 250.—Skrj., 1916, 72, 139, 140 (in *R. t.*).—Stewart, 1914, 168.—Stiles & Hass., 1894e, 342 (in *A. f.*, *R. t.*, *Spelerpes ruber*, *Storeria occipitomaculata*).—Stoss., 1892b, 71 (8) (in *Salamandra maculosa*; Trieste); 1898c, 80 (s. *Asc. acuminata*, *Fus. salamandree*, *Het. acum.*) (in *Ang. f.*, *Bomb. ig.*, *Bufo vulg.*, *Sal. m.*; Trieste).—Also reported for *Ascalabotes mauritanicus*, *Bufo viridis*, *Sal. atra*.
- contortum* Linst., 1906, v. 1 (3), 256, fig. 17 (in *B. vulg.*; Corfu).—Skrj., 1916, 72, 73, 139, 140 (in *B. v.*).—Stewart, 1914, 168 (in *B. vulg.*; Corfu).
- dogieli* Skrj., 1916, 140–142 (in *Buфонidae*, gen. ?, sp. ?; Brit. E. Africa) (also as *Oxysomatium*).
- falcatum* Linst., 1906, v. 3 (11), 169, pl. 3 figs. 50–51 (in *Nicoria trijuga*; Colombo).—Skrj., 1916, 73, 139 (in *N. t.*).—Stewart, 1914, 170.
- fulcatum* Zool. Rec., 1908 (1906), v. 43, Verm., 37 (for *falcatum*).
- gracile* Linst., 1899b, 20, pl. 5 figs. 64–65 (in *Francolinus* sp.; Berl. Zool. Gard.); 1901b, 415 (in *F.*).—Skrj., 1916, 73, 139 (in *F. sp.*).
- kachugæ* Stewart, 1914, RIM, 166, 169–170, 186, pl. 29 figs. 13–16 (in *Kachuga lineata*; Lucknow).—Lane, 1915, IJMR, 112, 113 (in *K. l.*).
- lepturum* (Rud., 1819) Schneid., 1866a, 114, 115–116 (in intest., *Testudo mydas*), 235, pl. 7 fig. 14, pl. 12 fig. 3.—Looss, 1902m, 415 (in *Thalassochelys*; Egypt).—Schuberg & Schroeder, 1904a, 511.—Skrj., 1916, 72, 139 (in *T. m.*).—Reported for *Chelone mydas*, *Halichelys atra*.
- macintoshii* Stewart, 1914, RIM, 165–168, 184–186, pl. 18 figs. 1–12 (in *Bufo stomaticus*, *Rana tigrina*; Lucknow).
- ornatum* Schneid., 1866a, 28, 56, 203, 215, 220, 221, 280, pl. 17 fig. 3.—Bûetsch., 1873a, 10.—Stœdter, 1901a, 16.
- perezi* Gendre, 1911, ASL Bordeaux, 95–97 (1–3), figs. 1–6 (in *Chamaeleon gracilis*; Labé, Fr. Guinée).—Skrj., 1916, 72, 139, 140 (in *Chamaeleo gracilis*).
- tentaculatum* (Rud., 1819) Schneid., 1866a, 114, 115 (in intest., *Didelphys*; Brazil), 192, 202, 204, pl. 7 fig. 13, pl. 12 fig. 1, pl. 15 fig. 3, pl. 16 fig. 2.—Skrj., 1916, 72, 139 (in *D.*).—Reported for *Didelphys cancrivora*, *D. dom.*, *D. lanigera*, *D. opossum*, *D. philander*, *D. quica*.
- tridentatum* Linst., 1890d, 182–183, figs. 10–11 (in *Triton cristatus*; by Linst.).—Stewart, 1914, 168 (in *T. C.*).
- tricirratum* Linst., 1901b, 415–416, fig. 15 (in *Sternotherus nigricans*; Rukwa-See, Africa).
- tuberculatum* Linst., 1903k, 114–115, fig. 13 (in *Megalophrys montana*; Siam).—Skrj., 1916, 73, 139 (in *M. m.*).—Shipley, 1903l, 154 (in *M. m.*).—Stewart, 1914, 168 (in *M. m.*).
- unguiculatum* (Linst., 1906) Skrj., 1916, 140.

OXYSOMATIINÆ Hall, 1916b, 521.

OXYSOMATIUM (Rail. & Henry, 1913) Rail. & Henry, 1916, CrSB, 115 (tod. *brevicaudatum* Zed., 1800): 1916, CrSB, 249, 250 (type *brevicaudatum* of Schneid. = *longespiculum*).—Lane, 1916, IJMR, 103.—Skrj., 1913, 72–74, 138–140 (*Oxysomatium*, misprint).

brevicaudatum (Zed., 1800) Rail. & Henry, 1916, CrSB, 115.—Skrj., 1916, 74, 77.

contortum (Linst., 1906) Skrj., 1916, 74, 77.

dogieli Skrj., 1916, 74–76, 77, 140–142, pl. 7 figs. 52–56 (in *Buфонidae*, gen. ?, sp. ?; Brit. E. Africa).

lepturum (Rud., 1819) Lane, 1916, 102 (in *Chelone mydas*).

longespiculum Rail. & Henry, 1916, 250 (for *Oxysoma brevicaudatum* Schneid.).

perezi (Gendre, 1911) Skrj., 1916, 74, 77.

unguiculatum (Linst., 1906) Skrj., 1916, 74, 77.

- OXYSPIRURA** Drasche in Stoss., 1897b, 123-126 (111-114) (tsd. cephaloptera).—Gedöelst, 1911a, 110.—Linst., 1903k, 112 (to Cheilospirura pars).—O'Zoux, 1910, CrSB, v. 68, 974-975.—Rail., 1915, 749; 1915, RMv, 513; 1916, JP, v. 2 (3), 99, 100, 104 (type ceph.).—Rans., 1904a, 20-29 (type ceph.).—Skrj., 1916, 529-530.—Stiles & Hass., 1905b, 126 (type ceph.).—Sweet, 1910, PRSQ, v. 23, 242-256.
- acuminata* (Mol., 1860) Stoss., 1897b, 123 (111) (in intest., *Brycon falcatus*; Brazil).
- anacanthura* (Mol., 1859) Stoss., 1897b, 123-124, 148 (111-112, 136) (in *Crotophaga ani*, *C. major*; Brazil).—Rail., 1916, 104 (in *C. a.*, *C. m.*).—Rans., 1904a, 4, 21, 47, figs. 10-11 (in *C. a.*, *C. m.*; B.).
- anolabiata* (Mol., 1859) Rans., 1904a, 4, 21-22, 46, fig. 12 (in *Crax fasciolata*; Brazil).
- anthochaera* (Johnst., 1912) Johnst., 1912, PRSQ, 80-81, pl. 4 figs. 34, 36 (in *Anthochaera carunculata*; Coll. Krefft, Australia).
- anthochaera* Rail., 1916, JP, 105 (for *anthochaera*) (in *Anthochaera carunculata*).
- brevipennis* (Mol., 1860) Stoss., 1897b, 126, 150 (114, 138) (in *Dicholophus margravi*; Brazil).—Rans., 1904a, 4, 22-23, 47, fig. 13 (in *D. m.*; B.).
- brevisubulata* (Mol., 1860) Stoss., 1897b, 124 (112) (in *Strix atricapilla*; Brazil).—Rail., 1916, 105 (in *Otus choliba*).—Rans., 1904a, 23, 48 (in *S. a.*; B.).
- cephaloptera* (Mol., 1860) Stoss., 1897b, 124-125 (112-113) (in *Icterus croconotus*, *Momotus brasiliensis*; Brazil).—Rail., 1916, 104 (in *I. c.*, *M. momota*).—Rans., 1904a, 4, 20, 23-24, 26, 48, 50 (in *I. c.*, *M. b.*; B.).
- heteroclita* (Mol., 1860) Rans., 1904a, 24, 46 [as doubtful *Oxyspirura*] (in *Crax urumutum*; Brazil).
- mansonii* (Cobbold, 1879) Rans., 1904a, 2, 3, 4, 7, 8-9 (treatment), 11, 12, 14, 16, 17, 18, 19, 20, 22, 25, 47, figs. 1-9 (s. *Spiropt. emmerezii*) (in *Gallus dom.*, *Pavo cristatus*; Brazil); 1904a, 1-54, figs. 1-40, pl. 1 figs. 1-3; 1905g, 138-145; 1906a, 615-616.—Barber, 1916, 40-41 (in chickens; Guam).—Case, 1911, 204-206.—Fujita, 1911, v. 1 (4), 423-426; 1911, v. 17, 707-708.—Gedöelst, 1911a, 110 (in chicken, peacock, turkey).—Nev.-Lem., 1912a, 1805.—Norgaard, 1915, 188 (Hawaii).—O'Zoux, 1910, CrSB, v. 68 (20), 974-975 (in dindon).—Rail., 1916, 105 (in *Gallus dom.*, *Meleagris gallopavo*, *P. c. dom.*).—Yoshida, 1908, v. 20, 359-364, pl. (in ch.).
- ophthalmica* (Linst., 1903) Rans., 1904a, 4, 26-27, 29, 46, figs. 16-18 (in *Turnix taigoor*; Siam).—Rail., 1916, 105 (in *T. t.*).
- papillosa* (Mol., 1860) Rans., 1904a, 4, 27-28, 46, figs. 19-20 [doubtful *Oxyspirura*] (in *Falco destructor*, *F. gracilis*; Brazil).
- parvorum* Sweet, 1910, 247-252, pls. 33-35 figs. 14-21 (in chicken; Queensland).—Breinl, 1912, 44 (in fowls; Townsville).—Gedöelst, 1911a, 110 (in ch.; Q.).—Nicoll, 1914, 5 (in ch.; Q.).—Rail., 1916, 105 (in *Gallus dom.*).
- siamensis* (Linst., 1903) Rans., 1904a, 4, 28-29, 47, fig. 21 (in *Centropus siamensis* [=sinensis]; Siam).—Rail., 1916, 105 (in *C. sinensis*).
- spiralis* (Mol., 1860) Stoss., 1897b, 125-126 (113-114) (in *Bradypus cuculliger*, *B. didactylus*; Brazil).
- stercora* (Rud., 1819) Rans., 1904a, 29, 45 (in *Falco naevius*; Wien, Croatia).
- sygnaidea* (Mol., 1860) Stoss., 1897b, 125 (113) (in *Corvus frugilegus*; Wien).—Rans., 1904a, 4, 29-30, 49, fig. 22 (s. *Spiropt. anthuris* pars) (in *C. f.*; Wien).—Skrj., 1916, 530, fig. 39 (in *C. corone*, *C. f.*).
- OXYSTOMA** Büetsch., 1874b, 270-271 (mt. tod. elongata [not *Oxystoma* Dum., 1806, coleopt.; Blainv., 1825, mollusk]).—Stiles & Hass., 1905b, 126.—Villot, 1875a, 462, 463, 466.
- asetosa* Southern, 1914a, 18-20, pl. 1 figs. 3 a-d (Clew Bay).
- elongata* Büetsch., 1874b, 270-271, pl. 4 figs. 18 a-d (marine; bei Sylt).—Man, 1907, v. 10, 228, 231-232 (reef; Falmouth, Isecke; 1907, 33, 35, 43-47, 87, pl. 1 fig. 6 (Zealand).—Villot, 1875a, 466 (Kiel).
- pellucida* Cobb, 1898d, 395-397 (in mud; Port Jackson, Australia).—Man, 1907, v. 20, 43, 47 (? so. elongatum) (P. J.); 1907, v. 10, 231 (probable so. el.).
- Oxyure** (French vernacular for *Oxyuris*).—Bonamy, 1841a, 70-86 (path.).—Blaise, 1893, 405 (death of horse).—Garin, 1913, v. 11, 23-25 (biol., path.).—1913, v. 120, 136-139. —Guiart, 1911a, 249. —Moniez, 1899b, 754, figs. —Rail., 1883, 249 (of horse).—Rheindorf, 1913, v. 9 (5), Feb. 2 (appendicitis); 1913, MK Berl., v. 1 (2), 53-57, figs. 1-9; (3), 96-99, figs. 10-17; (4), 133-136, figs. 18-20; (5), 177-178 (appendicitis).

Oxyures (plural for Oxyuris).—Smith, 1859b, 277.—Blaise, 1893a, 405 (death of horse); 1893b, 486–487; 1894, v. 1 (9), 306.—Blanc, 1888a, 347 (excr. syst.); 1888d, 58–59.—Carson, 1906, v. 14 (21), 166.—Deguy, 1901, v. 15 (8), 124–125 (treatment).—Devaux, 1887a, 415–417 (pseudomeningitis).—Dugès, 1886, 1–27, pls. 1–2.—Galeb, 1879c (1879) (1–6) (of insects).—Jacquemin, 1913, v. 25, 520 (incontinence).—Lacassagne, 1901b, 51.—Lacourt, 1903a, 121–123 (naphthaline).—Perrin & Thiry, 1913, 422 (frequency in Lorraine iron mines); 1913, v. 45, 894–898 (treatment); 1914, v. 18 (3), Feb. 1; 1914, v. 22 (21), 212; 1914, v. 18, 91–95.—Peyreigne, 1869a, 302–307 (pseudomeningitis).—Roger, 1905e, 479–481 (of horse); 1906b, 137.—Seur., 1912, CrSB, v. 73 (27), 223–227, figs. 1–6.—Thébault, 1902a, 557–558 (path.).

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(FRANCE) Perrin & Thiry, 1913, 422 (frequency in Lorraine iron mines).

(GR. BRIT.) Cast. & Chalm., 1910a, 941.—Dobell, 1870, in 1–645; 1871, in 1–606.—Hawkins, 1899a, 1732–1733 (case).

(HUNGARY) Hut. & Mar., 1910b, 507; 1913b, 502–503.

(ITALY) Barbag, 1900a, 275–278; 1900b, 1157–1159; 1901a, 57–58 (cutaneous).—Vignolo-Lutati, 1907a, 81–88; 1908a, 31 (cutaneous).

(SWITZ.) Revilliod, 1913, RmSr, v. 33, 317–319.

(Miscellaneous) F., S., & T., 1916a, 696–698.

Symptoms, sequelae, associated conditions: (DEUTSCHLAND) Ebstein, 1910, TM, v. 24 (6), 284; 1910, JAMA, v. 55 (5), 446 (chronic constipation).

(FRANCE) Devaux, 1887a, 415–417 (pseudo-meningitic).—Jacquemin, 1913, v. 25, 520 (enuresis).

(ITALY) Arullani, 1904, Rm; 1904, NYMJ, v. 80 (16), 754 (sigmoiditis).

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(SWITZ.) Eichhorst, 1901a, 304.

(U. S. A.) Hemmeter, 1902a, 580.

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Oxyuriden (German vernacular for Oxyuridæ).—Perronc., 1903h, 83–84, figs. 1–5 (development); 1904, 455–456; 1904b, 113; 1904c, 455–456.

Oxyurides (English and French vernacular, also plural, for Oxyuris).—Adam, 1870, 237.—Aitken, 1866, 804; 1872, 150, 177.—Arullani, 1904, NYMJ, v. 80 (16), 754 (sigmoiditis).—Barbag., 1901, MN., v. 78 (2), 57–58.—Galeb, 1877a, 236–

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vermiculares (Linn., 1758) Ferguson, 1888a, 1036 (epileptiform attacks).—Frazier, 1900a, 65-68 (in appendix).

OXYURINÆ Hall, 1916a, 65, 99 (contains *Oxyuris*, *Dermatoxys*).

OXYURIS n. g. Schlotthauer, 1860a, 127 (*vermicularis*, *alata*, *obvelata*, *spinicauda* (new name), *brachyura* (= *brevicaudata* Duj.), *dispar*, *acuminata* (new name), *brevicaudata* Rud., *leptocephala*, *gracilis* (n. sp.)).

OXYURIS Rud., 1803a, 6-8 (mt. *curvula* = *equi*) [not *Oxyurus* Raf., 1810, fish; Swains., 1827, bird; *Oxyura* Bonap., 1828, bird; *Oxyura* for *Oxura* Kirby, 1817, coleopt.]; 1809a, 4, 15, 32, 100, pl. 1 figs. 3-5; 1814a, 88; 1819a, 18, 228-229; 1829c, 506, 508; 1829d, 617; 1831a, 210, 214-215.

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- (NETHERLANDS) [van Phelsum, 1781a, in 1–158].—Sl. & Sw., 1912a, 319–321.
- (NORWAY) Olss., 1869b, 487.—Roll., 1911, NML, v. 9, 32–35, 1 fig.
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- (SWITZ.) Blanc, 1888a, 58; 1888b, 347 (excretory system).
- , Appendicitis: (DEUTSCHLAND) Aschoff, 1913, MK, v. 9, 249–251; 1914, BkW, v. 51 (32), 1504–1507.—Gottstein, 1911, BkW, v. 48 (33), 1534.—Hüeck, 1913?, FZP, v. 13 (3); 1913, BkW, v. 50 (41), 1913.—Oppe, 1903a, 859–861.—Rheindorf, 1912, BkW, v. 49 (10), 451–456, figs. 1–5; (11), 503–507, figs. 1–5; 1913, MK, v. 9, 53–57, 96–99, 133–136, 177–178, figs. 1–29; 1913, JAMA, v. 60 (22), 1750.
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- (ITALY) Perronc., 1903, Gmi, v. 54, 61–62.
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- (U. S. A.) Cecil, 1912, PNYPS, v. 12 (3–7).—Cecil & Bulkley, 1912, AJMS, v. 143, 793–810, figs. 1–6; 1912, FM, v. 30 (40), 1260; 1913, CPA, v. 24 (10), 450–451.—Frazier, 1900a, 65–68.
- , Development, life-history, etc.: (DEUTSCHLAND) Martini, 1907, AVFN, v. 61, xxiii–xxvii (muscles).
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- (FRANCE) Peyreigne, 1869a, 302-307 (rectum; pseudo-meningitis).
- (ITALY) Strada, 1907, ASm, v. 31, 418-428, fig. 1 (peritoneal cavity).
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- , Pathology: (FRANCE) Bonamy, 1841a, 70-86.—Thébault, 1902a, 557-558
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- ambigua* (Rud., 1819) Hutton, 1911, JLSTM, v. 1 (1) 11-12 (see *ambigua*).
- angulata* Rhind, 1829a, 102-104, pl. 5 figs. 13-21, pl. 4 fig. 17.
- annulata* Linst., 1899b, 21-22, pl. 5 fig. 51 (in *Stellio vulg.*; Egypt).—Skrj., 1916, 69-71, 136-138, pl. 7 figs. 47-51.
- annulata* Rizzo, 1902b, 31-32, figs. 3-4 (in *Gongylus ocellatus*; Catania).

OXYURIS—Continued.

- appendiculata* (Leidy, 1850) Linst., 1877a, 7-9, pl. 1 fig. 12 (in *Periplaneta orientalis*; 1878a, 291 (= *blattæ-orientalis*) (in P. o.); 1889a, 105 (apparently for *O. blattæ* Hamm.) (in P. o.).—Mordw., 1908, v. 13 (1-2), 146.
- armata* Polonio, 1859 [nv.].—Par., 1894a, 627 (in *Lacerta muralis*).
[*aviaria* Crep., 1853b (1854a), 62 (not as specific name).]
- bathoesi* Concilium Bibliographicum card for *bulhœsi*, 1900.
- bidentata* Linst., 1880a, 46, pl. 3 fig. 10 (in intest., frog larva; Ing.); 1889a, 69 (in *Rana* sp.).
- biuncinata* Linst., 1898d, 759-760, fig. 4 (in *Ammocoetes branchialis*; by Linst.); 1909a, 70, fig. 54 (in *Petromyzon planeri*).—Hofer, 1904a, 230 (in A. b.).
- blattæ* Græffe, 1860a, 51-52, 59, pl. 10 fig. 13 (in *Blatta ægyptiaca*; Nizza).—Linst., 1878a, 291 (in B. a.).—Par., 1898a (b), 115 (14).—Shiple, 1896a (1901b), 142 (in cockroach) [author of species not given; Galeb or Græffe?].
- blattæ* Galeb, 1878b, 288, 289, 292-293, pl. 17 figs. 1-5, pl. 18 figs. 1-3 (in *Periplaneta orientalis*), 294, 295, 303, 305, 306, 309, 314, 316, 318, 321, 322, 324, 327, 330, 333, 335, 339, 342, 352, 360 (for *blattæ-orientalis*, 1847).—Magal., 1900a, 65.
- blattæ-orientalis* Hamm., 1847b, 284-287, pl. 10 figs. 5-20 (in intest., *Blatta orientalis*; by Hamm.).—Leidy, 1851d, 285 (= *Streptost. gracile*).—Linst., 1877a, 7-9, pl. 1 fig. 12 (in *Periplaneta orientalis*; by Linst.).—Magal., 1900a, 36, 49, 54, 58, 59, 60, 61, 62, 64, 65, 67, 68, figs. 22, 25.—Meyer, 1896b, 80.—Will.-Suhm, 1871.
- blatticola* Galeb, 1878b, 293-294 (11-12), pl. 20 figs. 1-12, pl. 21 figs. 1-8, pl. 22 figs. 1-11 (in *Blatta germanica*, *Ectobia laponica*, *E. livida*), 297, 305, 309, 310, 313, 317, 319, 327, 328, 329, 330, 331, 333, 335, 339, 341, 342, 346, 352, 360, 365, 369, 370, 371, 378.—Linst., 1889a, 106 (in E. l.).—Magal., 1900a, 57.—Shiple, 1896a (1901b), 142 (in cockroach).
- brachyura* Hamm., 1847b, 283-284, pl. 10 figs. 1-4 (in *Melolontha* (? *Rhizotrogus aprilianus* or *solstitialis*; by Hamm.).—Linst., 1889a, 108 (in *Rhizotrogus aprilianus*).
- brachyura* Schlotthauber, 1860a, 127 (*brevicaudata* Duj., 1845a, 144 renamed).
- brevicaudata* Duj., 1845a, 144 (in *Platydictylus fascicularis*; Toulon).—Dies., 1851a, 142 (in *Ascalabotes fascicularis*; in intest., Tulloni Duj.), 153 (of Dug., so. *Asc. acuminata* Schrank).—Linst., 1904f, 11; 1907, v. 29, 82 (France).—Magal., 1900a, 56.—Mayer, 1841a, 16.—Perez, 1866a, 152.—Rail. & Henry, 1916, CrSB, 249 (of Duj., so. *dujardinii*), 219 (of Zed. or Mayer).—Rizzo, 1902b, 31 (in *A. mauritanicus*).—Skrj., 1916, 71, 138.—Will.-Suhm, 1870a, 14-16 (in P. f.); 1871, 188-190, pl. 12 fig. 7.
- brevicaudata* (Rud., —?) Schlotthauber, 1860a, 127.
- brevicaudata* (Zed., 1800) of Mayer, 1841.—Rail. & Henry, 1916, CrSB, 249.
- bulbosa* Linst., 1899b, 220, fig. 60 (in *Scincus ocellatus*; Egypt).
- bulhœsi* Magal., 1900a, 50-69, figs. 10-20, 23 (in *Periplaneta americana*; Brazil); 1904a, 14.
- caudata* Linst., 1908, 26, pl. 4 fig. 11 (in *Pteroclerus namaqua*; Kalahari, Africa).
- cincta* Linst., 1897i, 31, fig. 11 (in *Stellio vulg.*; Mus. Koenigsb.).
- cirrata* Linst., 1906, v. 1 (3), 254-255, fig. 15 (in intest. crass., *Iguana tuberculata*; Zool. Mus. Koenigsb.).
- compur* Leidy, 1856b, 52 (in *Felis catus*; by Leidy); 1904a, 97.—Braun & Lünehe, 1909a, 89; 1910a, 94.—F., S., & T., 1916a, 469.—Geddes, 1911a, 133 (in dog).—Nev.-Lem., 1912a, 685.—Rail., 1893a, 144.—Schneidem., 1896a, 324 (perhaps so. *vermicularis*) (in cat).—Sl. & Sw., 1912a, 372, 401.—Stiles & Hass., 1894e, 341 (in F. dom.).—Ward, 1903, 223; 1916, 702.
- conica* Drasche, 1884b, 327, figs. 8-9 (in *Testudo graeca*; apparently Trieste, or Coll. Wien).—Linst., 1889a, 60 (in T. g.).—Stoss, 1898c, 83 (in T. g.; Trieste).
- corollatus* Schneid., 1866a, 117, 118, 122, pl. 7 fig. 7 (in intest., *Galeopithecus philippinensis*; Luzon).—Galeb, 1878b, 289.
- coronata* Linst., 1903k, 114, fig. 12 (in *Galeopithecus volans*; Patalung).—Shiple, 1903l, 154 (in G. v.; Patalung) (*Oxyurus*).
- costata* Linst., 1907, v. 29, 81-82 (in *Mabuia multifasciata*; Java).
- curvata* Westwood, 1851, 644 (*Oxyuris*, for *curvula*, in horse).

OXYURIS—Continued.

- curvula* Rud., 1803a, 6-8 (Trichoc. equi renamed); 1805a, 35; 1809a, 100-102, pl. 1 figs. 3-6 (in Equus); 1814a, 88; 1819a, 18, 229 (in E.).—Adams, 1887, 315, 320.—Anacker, 1890h, 446.—Bail., 1866b, 23, 46 (s. e.).—Baird, 1853a, 15 (in E. cab.; Europe).—Bellingh., 1844, 478.—Blainv., 1828c, 539.—Bos, 1894, 209.—Braun & Lûche, 1909a, 151; 1910a, 164.—Burm., 1837a, 535.—Campb. & Lacr., 1907, 71.—Cobbold, 1873c, 110, 114; 1875e, 238; 1876t, 757; 1879a, 7; 1879b, 380, 387, fig. 65.—Cory, 1909, v. 23 (5), 276.—Craig, 1915, 497.—Crighton, 1915, 630 (causing colic).—Crep., 1839a, 279.—Cuv., 1817a, 31.—Dav., 1877a, xcv, 229 (in cheval, âne, mulet).—Dewitz, 1892b, 146, fig. 89.—Dies., 1861c, 274.—Duj., 1845a, 142-143; 1851a, 302-304, pl. 5 figs. 11-15.—Ehlers, 1899a (b), 1-26, pls. 1-2 figs. 1-20 (anat., physiol.) (in horse; cosmopolitan); 1899c, 394-395; 1899d, 731-732.—Eichw., 1829a, 250.—Erc., 1875e, 35.—F., S., & T., 1916a, 21, 469, 653-655, 657.—Fiebiger, 1912a, 298, figs. 219-220.—Galeb, 1878b, 286, 289.—Geddelst., 1911a, 133 (in donkey, horse, mule).—Gurlt, 1831a, 182, 351, pl. 5 figs. 13-18.—Hahn, 1908, 371.—Hut. & Mar., 1906a, 403; 1910b, 507; 1913b, 502.—Jägers., 1909 (25), 50.—Jerke, 1901a (b), 347-408 (1-64), figs. 1-4, 1-15; 1901c, 420.—Kinsley, 1914, 148.—Krueger, 1905, 344; 1906, v. 4 (8), 191.—Künnemann, 1908, 28-29.—Leuck., 1867b, 31, 45; 1868a, 286, 290, 299, 301; 1876a, 878; 1879a, 13, 15; 1886d, 9, 11.—Linst., 1889a, 23 (in E. asinus dom.); 1900g, 9; 1904f, 11; 1909, 45 (in E. c.; S. W. Africa); 1909, 45 (in E. c.; S. W. A.).—Martini, 1907, 4; 1908, v. 32 (19), 551, 552; 1912, ZA, 49, 50, 52, 53, fig. 1.—Mégn., 1874g, 620.—Meissner, 1863, 41, 55.—Montg., 1906, Feb. 12, 21 (in ponies; India).—Mûch., 1898b, 46 (in E. c.).—Muell., 1863a, 97-98; 1863b, 181.—Nev.-Lem., 1912a, 683.—Nordm., 1840, 663.—Oken, 1815a, 193.—Olfers, 1816a, 56.—Par., 1896, 6.—Perrone., 1882a, 336 (incurvata).—Pflüg., 1881a, 18-83, figs. a-d.—Pillers, 1910, v. 7, 612 (symptoms).—Rail., 1883c, 249 (in E. c.; France) 1883e, 211-216, pl. 11 figs. 1-8 (in E. c.; Alfort); 1893a, 415 (so. equi).—Risso, 1826a (b), 260 (in horse; Alpes Maritimes).—Roger, 1905, 479-481.—Rzewuski, 1887a, 30.—Saunders, 1914, v. 14, 132, 137.—Seur., 1915, 30.—Schneidem., 1896a, 324 (kurvula) (in horse).—Schneid., 1866a, 14, 116, 117, 118, 121, 190, 192, 198, 201, 207, 222, 223, 224, 225, 233, 238, 252, 254, 255, 257, 278, 287, pl. 7 figs. 1-2, pl. 15 figs. 1-2, pl. 19 figs. 1-3, pl. 22 figs. 16-17, pl. 24 fig. 2.—Shipley, 1896a, 141, 163.—Signal, 1884, 227.—Sl. & Sw., 1912a, 372, 373, 401, fig. 203.—Stiles & Hass., 1894e, 342 (in E. c.).—Theobald, 1900, 56.—Verrill, 1870, 178, 232, 233 (fig.).—Ward, 1895a, 340 (in E. c.).—Wolffh., 1911, 79.—Züern, 1882, 251, 253, pl. 4 fig. 34.—Also reported for E. mulus.
- curvula equi* (Schränk, 1788) Neum. & Mayer, 1914a, 454.
- dactyluris* Cobbold, 1866b, 12 (in Testudo graeca; Hunterian Mus.).
- dentata* Drasche, 1884b, 328, figs. 13-14 (in Testudo graeca; apparently Trieste, or Coll. Wien).—Galli-Val., 1901c, 362 (in T. g.).—Linst., 1889a, 60 (in T. g.).—Rizzo, 1902b, 32 (in T. g.).—Seur., 1915, 31; 1915, 79.—Stoss., 1898c, 83 (in T. g.; T.).
- depressa* Hamm., 1838a, 354 (in larva of Cetonia aurata).—Crep., 1846a, 157 (in C. marmorata).—Linst., 1889a, 109 (in C. m.).—Sieb., 1839b, 157.
- diesingi* Hamm., 1838a, 353, 354-355, pl. 4 figs. a-c (in Blatta orientalis; by Hamm.).—Cobb., 1888a, 27.—Crep., 1846a, 158.—Galeb, 1878b, 288, 289, 293, pl. 17 figs. 6-10, pl. 18 figs. 4-6, pl. 19 figs. 1-8 (in Periplaneta orientalis), 295, 303, 305, 306, 309, 316, 317, 327, 328, 329, 333, 335, 342, 347, 352, 360, 364.—Leidy, 1850e, 100 (renamed Streptost. gracile); 1851d, 285 (so. S. g.); 1856b, 50; 1904a, 36, 39, 66, 94.—Linst., 1878a, 294 (so. Anguillula nigrura) (in B. aegyptiaca).—Magal., 1900a, 36, 49, 54, 55, 58, 59, 60, 61, 62, 64, 65, 66, 67, 68, fig. 21.—Meyer, 1896b, 80.—Mordw., 1908, v. 13, 146.—Par., 1898a (b), 115 (14).—Shipley, 1896a (b), 142, fig. 69 (in cockroach).—Sieb., 1839b, 157 (in B. o.).—Stadelm., 1891a (1892a), 11, 12 (154, 155).—Will.-Suhm, 1871.
- diesingii* Crep., 1846a, 158 (in Blatta orientalis (for diesingi). Bütsch., 1876, 236 (in B. o.).—Leidy, 1850e, 100 (1904a, 36-37) (renamed Streptost. gracile).
- dilatata* Hamm., 1847b, 287-288, pl. 10 figs. 26-37 (in cecum, Cetonia marmorata; by Hamm.).—Leidy, 1851d, 285 (to Thelastoma).
- dispar* Schlotthauber, 1860a, 127.
- draschi* Stoss., 1898c, 84 (s. robusta) (in Testudo graeca; Trieste).—Rizzo, 1902b, 32 (s. r.) (in T. g.).
- dubia* Leidy, 1856b, 52 (in cecum, Bufo americanus, Salamandra rubra; by Leidy); 1904a, 97.

OXYURIS—Continued.

- dujardini* Rail. & Henry, 1916, CrSB, 249 (s. *brevicaudata* of Duj. not (Zed.) Mayer, 1841) (du Gecko).
- qui* (Schränk, 1788) E. Bl., 1849a, 170-171 (s. *curvula*), (in horse).—Anacker, 1850h, 446.—Assénova, 1891, 28.—Bail., 1866b, 46 (so. c.).—Cagny & Gobert, 1904a, 321.—Dies., 1851a, 141 (so. c.).—Galli-Val., 1901c, 362 (in *cheval*; Milan, Cantanzaro, Lausanne, St. Croix (Vaud)); 1908, v. 47, 611 (in *Equus cab.*; Milan).—Gough, 1908, 3.—Hall, 1916a, 65, 94, 225.—Hut. & Mar., 1906a, 403; 1910b, 507; 1913b, 502, fig. 71.—Kowal., 1904, v. 38, 22 (7) (in E. c.; Lwow).—Rail., 1883e, 211 (s. c.); 1893, 415-417 (s. c., *mastigodes*); 1915, 491; 1915, 734 (in horses).—Rail. & Henry, 1903a, 1904a, 519; 1916, 114.—Seur., 1916, 64.—Smith, A. J., 1908a, 266 (in E. c.; Iowa).—Ward, 1895a, 340 (in E. c.).—Weinberg, 1907a, 805, 807 (in horse).
- equi curvula* (Rud., 1803) Gough, 1908, 3 (in equines; S. Africa).
- equi mastigoides* Gough, 1908, 3 (in equines; S. Africa).
- equi mastigodes* (Nitzsch, 1857a) Galli-Val., 1901c, 362 (in *Equus caballus*; Milan).
- evaginata* Smith, A. J., 1908a, 267 (Ms. name for *evoluta*).—Hall, 1916a, 70 (so. *evoluta* Linst.).
- evoluta* Linst., 1899b, 20, pl. 5 fig. 63 (in *Hystrix brachyura*; Ing.).—Hall, 1916a, 65, 67, 70-74, 84, figs. 80-83 (in *Acanthion brachyura*, *Erethizon dorsatum*, *E. epixanthum*; Europe, U. S. A.).—Seur., 1915, CrSB, 756.—Smith, A. J., 1908a, 266-267 (in E. d.; Phila. Zool. Garden).
- flagelloides* Jaegers., 1893a (1894b), 54-56 (500-503), fig. 10 (in *Atherura armata*; Kamerun).
- flagellum* Ehrenb. in Hempr. & Ehrenb., 1828a (Hyrax) (unpaged) (in *cecum*, *Hyrax capensis*; by H. & E.).—Cobbold, 1879b, 403 (in H. c.).—Dies., 1851a, 140 (in H. c.).—Galeb, 1878b, 289.—Hall, 1916a, 66, 77-79, figs. 90-91 (in *Procavia syriaca*; Palestine).—Linst., 1901b, 415; 1908, 23-24, pl. 4 fig. 22 (in P. (H.) c.; Africa).—Martini, 1906a, 700; 1908, 556.—Nassonow, 1897-98, in 1-30, 1 pl., 133, 175, 2 pls. (*Oxyurus*); 1899, (Cb), v. 25 (23), 836-837 (anat., biol.).—Schneid., 1866a, 117, 121-122.—Also reported for *H. syriacus*.
- flagellum acuta* Ehrenb. in Hempr. & Ehrenb., 1828a (Hyrax) (unpaged) (in *cecum*, *Hyrax capensis*; by H. & E.).
- flagellum obtusa* Ehrenb. in Hempr. & Ehrenb., 1828a (Hyrax) (unpaged) (in *cecum*, *Hyrax capensis*; by H. & E.).
- flavellum*. Cobbold, 1879b, 403 (for *flagellum*) (in *Hyrax capensis*).
- facunda* Linst., 1879b, 330-331, pl. 5 fig. 15 (in *Simia satyrus*; Stuttgart Mus.); 1889a, 6 (in *Pithecus satyrus*).
- gadi* Templeton, 1836a, 238, fig. 31a, b (in codfish; Ireland) (*Oxyurus*).
- glomeridis* Linst., 1885b, 246, pl. 14 fig. 25 (= *ovocostata*) (in *Glomeris limbata*; by Linst.); 1885c, 14 (in *Enddarm*, G. l.).—Meyer, 1896b, 80.
- gracilis* Hamm., 1838a, 353-354, figs. c-f (in larva of *Melolontha fullo*; by Hamm.); 1847b, 287, pl. 10 figs. 21-25 (in *cecum*, M. (f. ?); by H.).—Crep., 1846a, 157 (in *M. fullonis* larva).—Leidy, 1851d, 285 (to [*Aorurus*] *Thelastoma*); 1904a, 66 (Duf.).—Linst., 1889a, 108 (in *Polyphylla? fullo*).—Sieb., 1839b, 157 (in M. f.).
- gracilis* Schlotthauber, 1860a, 127 (in *Coronella laevis*, *Tropidonotus natrix*).
- gryllotalpa* Duf., 1837a, S. pl. 1A fig. 2 (in *Gryllotalpa vulg.*; by Duf.).—Crep., 1846a, 158 (in G. v.).
- hamata* Linst., 1879b, 331, pl. 5 fig. 16 (in *Myopotamus coypus*; Stuttgart Mus.); 1889a, 11 (in M. c.).—Hall, 1916a, 66, 79-80, fig. 92 (in *Myocastor c.*; S. Zool. Gard.).
- heterogamia* Galeb, 1878b, 295-296 (13-14), pl. 26 fig. 9 (in *Heterogamia aegyptiaca*; Egypt).—Linst., 1889a, 105 (in H. a.).
- hilgerii* Seur., 1914, CrAS, 755-757 (in *Otenodactylus gundi*; Bou-Saâda); 1915, NZ, 1-4, figs. A-C, 1-3 (in C. g.; Biskra); 1915, 30, 31; 1915, v. 7 (2), 24-31, figs. 1-9; 1916, CrSB, 67 [belongs in *Syphacia*].—Hall, 1916a, 66, 67, 74-77, 98, figs. 84-89 (in C. g.; Algeria).
- hydrobi* Galeb, 1878b, 297-298 (15-16) to (*Helicothrix*) (in *Hydrobius fuscipes*; ?Europe).—Linst., 1889a, 107 (in H. f.); 1909 (15), 71 (in H. f.).
- hydroi* Galeb, 1878b, 297 (15), pl. 25 figs. 1-6 to (*Helicothrix*) (in *Hydrous caraboides*; Ing.). 304, 306, 327, 329, 359, 370, 375.—Linst., 1889a, 107 (in H. c.); 1909a, 70, fig. 56 (in *Hydrocharis caraboides*).

OXYURIS—Continued.

- hydrophili* Galeb, 1878b, 297 (15), pl. 25 fig. 10 to (*Helicothrix*) (in *Hydrophilus piceus*; Ing.), 305, 306, 316, 327, 363.—Linst., 1889a, 107 (in *H. p.*); 1909 (15), 71 (in *H. p.*).—Shipley, 1896a (1901b), 142 (in *H.*).
- [*incurvata* Perronc., 1882a, 336 (ossiuride) (= *curvula*).]
- incognita* Kofoid & White, 1919, JAMA, Feb. 22, 567–569 (in *Homo*; U. S. A.); 1919, JP, 139.
- inflata* Drasche, 1884b, 328, pl. 19 figs. 15–16 (in *Testudo græca*; apparently Trieste, or Mus. Wien).—Linst., 1889a, 60 (in *T. g.*).—Rizzo, 1902b, 32 (so. albanica).—Stoss., 1898c, 84 (s. a.).
- inflata* Linst., 1883a, 297, pl. 8 fig. 33 (in *Pterocles arenaria*); 1889a, 45 (in *P. a.*).
- künckeli* Galeb, 1878b, 294 (12), pl. 23 figs. 1–8, pl. 24 figs. 1–6 (in *Blatta americana*), 297, 305, 309, 327, 328, 329, 330, 331, 333, 334, 335, 359, 360, 363, 366.—Linst., 1889a, 105 (in *Periplaneta americana*).—Magal., 1900a, 57, 65.
- kurvula* Schneidem., 1896a, 324 (for *curvula*).
- lævicauda* Seur., 1914, CrSB, 96–98, figs. 1–4 (in *Acanthodactylus blanci*, *Scincus officinalis*; Bou-Saâda).—Skrj., 1916, 65, 66, 67, 68, 135, 136 (in *A. b.*, *S. o.*).
- lanceolata* Linst., 1883a, 298–299, pl. 8 fig. 35 (in insects; Turkestan); 1889a, 111 (in ?insect).
- laticollis* Hamm., 1847b, 288, pl. 10 figs. 28–34 (in intest., *Cetonia stictica*; by Hamm.).—Leidy, 1851d, 285 (to *Thelastoma*); 1904a, 66.—Linst., 1889a, 109 (in *Oxythyrea stictica*).
- leidy* Skrj., 1916, 63–64, 132–133, pl. 6 figs. 37–39 (in *Polydesmus* sp.; Brit. E. Africa).
- leptocephala* (Rud., 1819) Schlotthauber, 1860a, 127.
- leuckarti* Hamm., 1838a, 353, pl. 4 figs. a–b (in *Melolontha aprilina*).—Crep., 1846a, 157 (in *M. a.*).—Sieb., 1839b, 157 (in *M. a.*).
- lobata* Linst., 1908, 24, pl. 4 fig. 8 (in *Testudo smithi*; Kooa, Kalahari, Africa).
- lombricoides* Lacassagne, 1901a, 685 (in *Homo*).
- longicauda* Meyer, 1896b, 78–80, figs. 23–25 (in *Julus*; Ceylon).—Par., 1898a (b), 114–115 (13–14) (so. sumatrensis) (in *Julus* sp.; Ceylon).—Skrj., 1916, 62, 131, 132 (in *J. sp.*).
- longicollis* Schneid., 1866a, 120, 125, pl. 7 fig. 8 (colon, *Testudo græca*; Ing.).—Blanc, 1888b, 347–348.—Drasche, 1884b, 325, 326, 327, 328, figs. 2–3 (in *T. g.*; apparently Trieste, or Mus. Wien).—Galeb, 1878b, 289.—Galli-Val., 1901c, 362 (in *T. g.*).—Leuck., 1868a, 325–326.—Linst., 1883a, 298, pl. 8 fig. 34 (in *Homopus horsfieldii*); 1889a, 60 (in *T. g.*); 1903u (1904a), 270 (6) (in *T. horsfieldi*; Siberia).—Rizzo, 1902b, 32 (in *T. g.*).—Stiles & Hass., 1894e, 342 (in tortoise, gen. sp.).—Stoss., 1898c, 83 (in *T. g.*; Trieste).—Will.-Suhm, 1870a, 13.
- lunata* Linst., 1908, 24, pl. 4 fig. 7 (in *Testudo smithi*; Africa).
- macrolaimus* Linst., 1899b, 21, pl. 5 fig. 55, pl. 6 fig. 71 (in *Testudo pardalis*; Africa).
- millata* Linst., 1897i, 30–31, figs. 9–10 (in *Plestiodon aldrovandi*; Mus. Königsb.).
- mastigodes* Nitzsch in Giebel, 1857a, 268 (nomen nudum); in Gieb., 1866a, 270 (described) (in *Equus cab.*; [Germany]).—Braun & Lühe, 1909a, 151; 1910a, 164.—Campb. & Lacr., 1907, 71.—Craig, 1915, 497.—F., S., & T., 1916a, 469.—Fiebiger, 1912a, 299.—Friedberger, 1884a, 81–85, figs. 1–2.—Galli-Val., 1901c, 362 (in cheval; Milan).—Geddes, 1911a, 133 (in donkey, horse, mule).—Hahn, 1908, ZV, v. 20 (8–9), 370–371; 1908, v. 47 (10), 239; 1909, TC, v. 32 (2), 26–27; 1909, MtW, v. 53 (4), 72–73.—Hut. & Mar., 1906a, 403; 1910b, 507; 1913b, 502, 503.—Kinsley, 1914, AJVM, 148.—Martini, 1912, ZA, 49, 53.—Nev.-Lem., 1912a, 683.—Rail., 1893a, 415 (= *equi*).—Renaud, 1899b, 631 (in horse).—Renaux, 1899, v. 6, 631.—Schneidem., 1896a, 324 (in horse).—Sl. & Sw., 1912a, 373, 401, fig. 204.—Theobald, 1900a, 56, fig. 4a, b (in *E. c.*).—Ward, 1895a, 340 (in *E. c.*) (see *equi*).—Wolffh., 1911, 79.
- mastigoides* (Gough, 1908) Wolffh., 1911, 79 (in *Equus cab.*; Argentina) (for *mastigodes*).

OXYURIS—Continued.

- megalocerca* Skrj., 1916, 65-67, 68, 135-136, pl. 7 figs. 45-46 (in Geckonidæ, gen.? sp.?).
- megaloön* Linst., 1906, v. 3 (11), 169 (in Hemidaetylus leschenaultii; Mamadu); 1907, v. 29, 82 (Ceylon).
- megatyphlon* (Rud., 1819) Schneid., 1866a, 120, pl. 7 fig. 9 (cecum, Iguana tuberculata).—Galeb, 1878b, 289.—Linst., 1902d, 32; 1906, v. 1 (3), 255 (in I. t.).—Shipley, 1896a (1901b), 142 (in Iguana).—Smith, A. J., 1908a, 266 (in I. t.).—S., F., & W., 1908a, 289-290 (in Iguana; Phil. Zool. Gard., from Cuba).
- microlaimus* Linst., 1899b, 21, pl. 5 fig. 62, pl. 6 fig. 74 (in Testudo pardalis; Africa).
- microon* Linst., 1907, v. 44 (3), 265, figs. 1-2 (in Nyctipithecus trivirgatus; Mus. Frankf.).
- microstoma* Drasche, 1884a, 327, figs. 4-5 (in Testudo græca: apparently Trieste, or Mus. Wien).—Linst., 1889a, 60 (in T. g.).—Stoss., 1898c, 82 (in T. g.; Trieste).
- microtyphlon* Smith, A. J., 1908a, 266 (in Cyclura nubila; Phila. Zool. Gard.).—S., F., & W., 1908a, 288-290, pl. 7 (in C. n.; Phila. Zool. Gard., from Cuba).
- minuta* Schneid., 1866a, 118-119, 252, fig. (s. Asc. vermicularis pars) (cecum, Ateles paniscus, Mycetes seniculus; Brazil).—Galeb, 1878b, 289.—Leuck., 1868a, 290.
- monhystera* Linst., 1902d, 30-32, figs. 6-9 (in Metopoceros (Iguana) cornutus; from Haiti, Coll. Spengel); 1902e, 74; 1905g, 41-42.
- mucronata* Mol., 1858 (1859e), 296 (in Bufo vulg.; Padua); 1861c, 278 (in B. v.; P.).—Dies., 1861c, 274.
- nigrovenosa* (Goëze in Zed., 1800) Mayer, 1841a, 27, pl. 3 fig. 11 to (Asc.).—Baird, 1853a, 109 (to Asc.).—Ben., 1858a, 1861a, 282.—Dies., 1851a, 187 (to Asc.).
- nodulosus* Mayer, 1841a, 14-15 (ambigua renamed) (in rabbit).
- obesa* Dies., 1851a, 141 (in Hydrochærus capybara; Brazil).—Cobbold, 1876, 297-298, pl. 21 figs. 16-19 (in Capybara); 1886, 176.—Galeb, 1878b, 289.—Hall, 1916a, 66, 80-81, figs. 93-94 (in Hydrochæris hydrochæris; B.).—Schneid., 1866a, 117, 121, 190, 233, 238, pl. 7 figs. 3-6.
- obclata* (Rud., 1802) Duj., 1845a, 140-142 (s. Asc. oxyura Schneid., A. oxyura Nitzsch, A. vermicularis muris) (in Arvicola amphibius, A. arvalis, A. rubidus, A. subterraneus, Mus sylvaticus, M. minutus, Mustela vulg., Sperophilus citillus; Mus. Wien, Rennes).—Dies., 1851a, 146 (so. Asc. ox.).—Eberth, 1863a, 64.—Galli-Val., 1901c, 362 (in souris blanche).—Hall, 1916a, 66, 67, 81-83, 86, 89, 90, 97, 98, figs. 95-96.—Lane, 1916, IJMR, 102.—Leuck., 1868a, 283, 286, 289, 308, 317, 321, 325, 328, 339, 340; 1876a, 878.—Linst., 1879a, 174, pl. 11 figs. 19-21 (in M. s.); 1889a, 9 (in S. c.); 1909 (15), 70, fig. 53 (in A. a.).—Mûch., 1898b, 46 (in A. campestris, Mus agrarius, M. decumanus, M. musculus).—Ols., 1883a, 53 (in Lemmus amphibius).—Par., 1887b, 351-352.—Schneid., 1866a, 118, 255.—Schlotthauber, 1860a, 127.—Seur., 1915, 30; 1916, CrSB, 64, 65 (type of Syphacia).—Skrj., 1916, 71-72, 138 (in mouse).—Stiles & Hass., 1894e, 342 (in Mus d.).—Stoss., 1900b (1901a), 90 (2) (in Mus rattus; Trieste).—Walter, 1866a, 70 (s. Asc. ox.).—Also reported for Arctomys citillus, Arvicola glareolus, Hesperomys nasutus, H. leucogaster, H. physodes, Holochilus brasiliensis, Holochilomys brasiliensis, Lemmus arvalis, L. rutilus, M. brasiliensis, Oxymycter nasutus.
- opisthoganima* Linst., 1908, 25, pl. 4 fig. 10 (in Testudo smithi; Africa).
- ornata* Duj., 1845a, 144-145, pl. 5 fig. G (in intest., Rana escul., R. temp.; Rennes).—Braun, 1892a, 598.—Carus, 1863, v. 2, 456.—Cobbold, 1858d, 162 (in R. t.).—Dies., 1851a, 141-142 (in Pelophylax escul., R. t.).—Eberth, 1863a, 63, 67, 69, 70.—Galeb, 1878b, 286.—Martini, 1906a, 706.—Rail. & Henry, 1916, CrSB, 248.—Schneid., 1866a, 112, 231.—Walter, 1856a, 163-201, pls. 5-6 figs. 1-28; 1858a, 485-495 (1-11), pl. 19 figs. 29-34; 1866a (b), 70 (20) (in R. t.).
- ovocostata* Linst., 1886a, 121-124, pl. 7 figs. 18-22 (s. glomeridis); 1889a, 108 (=gl.) (in Cetonia aurata).—Meyer, 1896b, 80.
- pachyuli* Par., 1898a (b), 115 (14) (for pachyuli).
- pachyuli* Par., 1896b (c) 2-3 (109-110), pl. 1 figs. 1-3 (in intest., Julius communis, J. sp.; Palermo, Genoa); 1898a (b), 115 (14).—Magal., 1900a, 62, 69.—Skrj., 1916, 62, 131, 132 (in J. c.).

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- pallaryi* Seur., 1915, BSHnA, 28-31, figs. 6-9 (in *Xerus getulus*; Morocco); 1915, 25 juin, 319; 1916, CrSB, 66. —Hall, 1916a, 66, 67, 95-98, figs. 117-120 (in *Atlantoxerus getulus*; Morocco).
- panesthiæ* Galeb, 1878b, 295 (13), pl. 26 figs. 3-8 (in *Panesthia*; New Guinea), 309, 315, 317, 327, 333, 342. —Linst., 1889a, 106 (*panesthiæ*) (in *Panestia* sp.; Ing.).
- panesthiæ* Linst., 1889a, 106 (for *panesthiæ*).
- paradora* Mol., 1858d, 144-145 (in *Mustela putorius*; Padua); 1861c, 214, 277-278, pl. 9 figs. 9-10 (in *Mustelus* p.; P.). —Dies, 1861c, 274. —Also reported for *Fœtorius putorius*, *Putorius communis*.
- parallela* Linst., 1908, 25-26 (in *Xerus capensis*; Africa). —Rail., 1916, RMy, 518.
- paronai* Linst., 1893h, 201-202, 208, figs. 17-19 (in *Macroscincus coctei*; Cape Verde); 1893c, 605; 1894i, 349-350 (in M. c.; C. V. Isl.). —Stiles & Hass., 1894e, 342 (in M. c.).
- perarmata* Linst., 1908, 25, pl. 4 fig. 9 (in *Testudo smithi*; Africa).
- platyrhaci* Par., 1896b (c), 110-111 (3-4), pl. 1 figs. 6-8 (in *Platyrhacus modiglianii*; Sumatra); 1898a (b), 115 (14) (in P. m.; S.).
- poculum* Linst., 1904f, 11, pl. 2 figs. 19-21 (in *Equus cab.*; Iranativu). —F., S., & T., 1916a, 469.
- polyoon* Linst., 1909, v. 50 (4), 450-451, fig. 4 (in *Xerus setosus*; German S. W. Africa). —Hall, 1916a, 66, 67, 98-99, 105, fig. 121 (in *Geosciurus capensis*; Africa). —Seur., 1915, 27 (in X. s.).
- præputialis* Skrj., 1916, 64-65, 134-135, pl. 6 figs. 42-44 (in *Bufo*; Brit. E. Africa).
- pugio* Ehrenb. in Hempr. & Ehrenb., 1828a (*Hyrax*) (unpaged) (in intest. crass. of *Hyrax capensis*; by H. & E.). —Dies., 1851a, 140 (in H. c.; Ing.). —Cobbold, 1879d, 403 (in H. c.). —Hall, 1916a, 66, 83 (in *Procavia syriaca*; Palestine). —Mol., 1861c, 275.
- robusta* Drasche, 1884b, 327-328, figs. 10-11 (in *Testudo græca*; apparently Trieste, or Mus. Wien.). —Linst., 1889a, 60 (in T. g.). —Rizzo, 1902b, 32 (so. draschei). —Stoss., 1898c, 84 (s. d.).
- [*rudolphi* Braun, 1906a, 452 (for *Oxyuris* genus of Rud.). —Geddes, 1911a, 133. —Nev.-Lem., 1906a, 265.]
- sciuri* Hall, 1916a, 66, 84 (in *Sciurus atrodorsalis*; Kokarit).
- semilanceolata* Mol., 1858d, 144 (in *Mus musculus*; Padua); 1861c, 250, 275-277, pl. 9 figs. 5-8, pl. 10 fig. 2 (in M. m.; P.). —Dies., 1861c, 274. —Hall, 1916a, 86 (so. tetraptera). —Stoss., 1898b, 82.
- siamensis* Linst., 1903k, 113-114, fig. 11 (in *Liolepis bellii*; Siam).
- socialis* Leidy, 1850e, 102 (in large intest., *Acheta abbreviata*; Ing.). 1904a, 38-39.
- species* Par., 1889c, 770-771 (in intest., *Sciurus atrodorsalis*; Birmania).
- species* Par., 1889c, 771 (in *Calotes*; Birmania).
- species* Shipley & Hornell, 1904a, 78, 99 (in *Margaritifera vulg.*; Ceylon).
- species* Stiles & Hass., 1894e, 342 (in *Cistudo carolina*; Maryland).
- species* Looss, 1901a (1902), 119 (in colon of donkey).
- species* Claus, 1872, 138 [nv.]. —Linst., 1878a, 204 (in *Triton tæniatus*).
- sphæropæi* Par., 1898a (b), 115 (14) (for *sphæropæi*).
- sphæropæi* Par., 1896b (c), 110 (3), pl. 1 figs. 4-5 (in intest., *Sphæropæus hercules*; Sumatra); 1898a (b), 115 (14) (*sphæropæi*) (in *Sphæropæus* h.; S.).
- spinicauda* Duj., 1845a, 143-144 (s. *Asc. extenuata*) (in *Lacerta muralis*; St. Malo). —Linst., 1909 (15), 70, fig. 57 (in *Triton tæniatus*). —Mont., 1893i, 9. —Rail. & Henry, 1916, CrSB, 114 (so. *Pharyngodon acanthurus*). —Rizzo, 1902b, 31 (in *Gongylus ocellatus*, *L. agilis*, *Seps chalcides*). —Schlotthauber, 1860a, 127. —Seur., 1914, CrSB, 850-852, figs. 1-6 (in *Ptyodactylus oudrii*; Bou-Saâda); 1915, CrSB, 6, 31, 79. —Skrj., 1916, 67-69, 136-138. —Will.-Suhm, 1870a, 12-14, pl. 12 figs. 1-9 (in *Podarcis muralis*); 1871, 186-188, pl. 12 figs. 1-6.
- spirotheca* Györy, 1856a, 327-332 (1-8), 1 pl., figs. 1-16 (in *Hydrophilus piceus*; Wien); 1857, v. 9 (2-3), 228-229 (in H. p.; by Györy). —Carus, 1863, v. 2, 460-461 (to *Ptychoc.*). —Clap., 1859a, 73 (in H. p.), 74, 85. —Cobbold, 1879b, 229. —Eberth, 1863a, 63, 64, 66. —Galeb, 1878b, 289, 290, 296-297, pl. 25 figs. 8-9 (to *Helicotherix*) (in H. p.), 304, 305, 306, 316, 327, 363. —Leuck., 1868a, 286. —Linst., 1909a, 70, fig. 55 (in H. p.). —Martini, 1906a, 703. —Meyer, 1896b, 80. —

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- Schneid., 1866a, 117, 118, 119–120, 280, pl. 7 figs. 10–11.—Shipley, 1896a (1901b), 142 (in *Hydrophilus*).
- stossichi* Setti, 1897b, 46–48, pl. 9 figs. 39–41 (in *Hystrix cristata*; Massaua).—Hall, 1916a, 66, 67, 84–85, figs. 97–99 (in H. c.; Italy).
- stroma* Linst., 1884a, 134, fig. 17 (in *Mus sylvaticus*; Ing.); 1885b, 245–246, pl. 14 figs. 23–24; 1889a, 11 (in M. s.).—Hall, 1916a, 66, 67, 83, 85–86, 97–98, figs. 100–102 (in *Apodemus sylvaticus*).—Seur., 1915, 30; 1916, CrSB, 66.
- suís* Haase, 1906, BtW, 695–696, figs. i–iv (in swine); 1906, 11 Okt., 48; 1908, CfB, v. 41 (19–21), 668.—Heine, 1906, DtW, v. 14 (39), 471–472; 1908, CfB, v. 41 (19–21), 668 (so. *Trichoc. crenatus*).
- sumatrensis* Par., 1896b (c), 111 (4), pl. 1 figs. 9–10 (in *Platyrrhacus modiglianii*; Sumatra); 1898a (b), 115, 116 (14, 15) (*s. longicaudata*) (in P. m.; S.).
- tarda* Polonio, 1859 [nv.].—Par., 1894a, 225, 627 (in *Bufo viridis*, B. vulg.; Padua).
- tenuicauda* Linst., 1901b, 414–415, figs. 12–13 (in *Equus crawshayi*; Rukwa-See, Africa).—F., S., & T., 1916a, 469, 651.
- tetraptera* (Nitzsch, 1821) Linst., 1878a, 20, 23 (in intest., *Cricetus frumentarius*, *Dipus jaculus*, D. sagitta, *Mus sylvaticus*).—Hall, 1916a, 66, 67, 83, 86–90, 221, figs. 103–108 (in *Apodemus sylvaticus*, C. *cricetus*, *Jaculus jaculus*, J. sagitta, M. *musculus*; U. S. A.).—Müehl., 1898b, 46.—Stoss., 1896c (d), 125 (7), fig. 8 (in M. m.; Trieste); 1898c, 82 (in M. m.; T.).
- triradiata* Hall, 1916a, 66, 67, 90–94, 225, figs. 109–115 (in *Ammospermophilus leucurus cinnamomeus*, *Callospermophilus lateralis*; Colorado).
- tuberculata* Linst., 1904n, 300–301, 309, pl. 13 fig. 9 (in *Trachysaurus rugosus*; Australia).
- uncinata* Drasche, 1884b, 327, figs. 6–7 (in *Testudo græca*; apparently Trieste, or Wien Mus.).—Linst., 1889a, 60 (in T. g.).—Rizzo, 1902b, 32 (in T. g.).—Stoss., 1898c, 84 (in T. g.; Trieste).
- ungula* Linst., 1906, v. 47, 113, fig. 6 (in *Sciurus vulg.*; Bredlauken b. Instenburg).—Hall, 1916a, 66, 67, 94–95, fig. 116 (in S. v.; Germany).
- uromasticola* Galeb, 1889a [nv.].—Seur., 1912, 223, 226, figs. 1–3 (13) (*s. Thelandros alatus*) (in *Uromastix acanthinurus*; N. Africa); 1915, NZ, 4–6, figs. 4–5 (in U. a.; Biskra) (*s. T. a.*).
- velocissima* Nordm., 1832a, 10, 18, 22–26, 27 (in eye, Barsche; by Nordm.); 1833b, 268–288.—Crep., 1854a, 61 (in eye, Barsche).—Gescheidt, 1833a, 445 (in Barschauge; by Nordm.).—Leuck., 1876a, 628.—Rail. & Henry, 1915, 449 (larva of *Camallanus lacustris*).—Rayer, 1843d, 148, 149 (dans la perche).—Seur., 1916, 359.
- vermicularis* (Linn., 1758) Brems., 1819a, 79–84 (in Homo); 1824, 125, pl. 1 fig. 3, pl. 2 figs. 1–2.
- (AUSTRALIA) Cleland & Johnst., 1912, v. 2, 113.—Tidswell & Johnst., 1912, v. 2, 112.
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- (BELGIUM) Ben., 1966, 211.—Gedœlst, 1911a, 133.
- (BRAZIL) Magal., 1900a, 63.—da Matta, 1914, 388 (Amazonas).
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(DEUTSCHLAND) Deininger, 1883a, 37-38.

(FRANCE) Devaux, 1887a, 415-417 (pseudo-meningitic).—Frœl., 1897a, 497-504; 1897b, 784-785 (verminous abscess).—Petgis & Brandeis, 1909, (GhSmB, v. 30, 415; 1909, L, v. 177, v. 2 (13), 943 (severe urinary symptoms).—Peyreigne, 1869a, 302-307 (pseudo-meningitic).

(GR. BRIT.) Ferguson, 1888a, 1056 (epileptiform seizures).—Ruffer, 1901a, 208-209; 1902a, 283 (lesions).

(HUNGARY) Porocz, 1909, G, v. 49, 651 (urethrorrhœa and excessive desire).

(ITALY) Aurilani, 1904, Rm, v. 20 (35), 962-964 (sigmoiditis); 1904, DmW, v. 30 (39), 1445.

(PORTUGAL) Belles, 1865a, 270-278 (epileptic convulsions).

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- coreanus* Linst., 1906, Oct. 10, 557, fig. 95B (Parachordades) (in fresh-water stream; Korea).
- gemmatus* (Villot, 1884) Cam., 1897g, 395-396 (57-58) (s. Gord. pustulosus, G. speciosus) (Grenoble); 1905, v. 20, 1-2.
- kaschgaricus* Cam., 1897g, 395 (57), 418, figs. 2-2a (s. Gord. chinensis (Villot) Cam., 1896, 120) (Turkestan); 1912, 216 (Madras).—Stiles & Hass., 1905b, 127.
- latastei* (Cam., 1895) Cam., 1897g, 390-391 (52-53), 418 (latastei), figs. 10-10a (Santiago, Chili).—Stiles & Hass., 1905b, 127.
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- maculatus* (Linst., 1883) Linst., 1905cc, 273, pl. 10 figs. 13-14 (Chinese Turkestan).
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- roccatii* Cam., 1912, RIM, 215-216 (W. Himalayas).
- sjøstedti* Cam., 1910, Sjøst. Exped., v. 3 (22), 27-28, figs. 1-3 (Mt. Méru, German E. Africa).
- tolosanus* (Duj., 1842) Cam., 1897g, 398 (60) (s. Gord. aquaticus, G. rubrifuscus) (in Eng., France, Germany, Italy, Galicia, Bohemia).—Braun, 1915a, 373.—Brumpt, 1913a, 540.—Cast. & Chalm., 1910a, 445, 926; 1913a, 565, 1293.—Gedølst, 1911a, 134 (in man).—Hartmeyer, 1909, 88.—Hempelm., 1912a, 108.—Lauterborn, 1913, 871.—Linst., 1906, v. 24 (1), 9-11 (in larva of Cloeon dipterum, Ephemerula vulgata, Rhyacophila nubila, Sialis lutaria; 2nd larval form in Amara, Amaseus, Harpalus, Pelor, Pterostichus niger, Silpha, Stenophylax latipennis); 1906, v. 2 (2), 244, 245 (in Homo).—Par., 1901, 4.—Ritchie, 1915, 136, 140, 141, 256, 257, 258, figs. 2, 5.—Stiles, 1907c, 55, 56, 65 (in H.; Europe, Italy); 1914, MM, v. 2, 296.—Stiles & Hass., 1905b, 127.
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renardi Lindemann, 1865a, 495, pl. 12 figs. 1-6 (in *Strix passerina*: Wiln.).—Linst., 1878a, 105 (in *Surnia passerina*).—Lühe, 1905, 169, 340, 343.
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- PARAGORDIUS** Cam., 1897g, 368, 399-402 (tsd. *varius*).—Brumpt, 1910a, 479; 1913a, 540.—Gedöelst, 1911a, 134, fig. 180.—Hartmeyer, 1909.—Montg., 1898a, 43-45 (n. g., tod. *varius*), 45-47, 54 (mt. v.); 1899, 650, 651; 1904b, 738-755, pls. 49-50, figs. 1-37; 1906a, 500-501.—Pratt, 1916a, 227.—Stiles, 1907c, 56, 59, 67; 1914, MM, v. 2, 271.—Stiles & Hass., 1905b, 127.
arcolatus Linst., 1906, v. 3 (2), 245, pl. 5 fig. 12, pl. 4 fig. 13 (Botschabelo, S. E. Africa).—Brumpt, 1913a, 540.
cinctus Linst., 1906, v. 3 (2), 245, pl. 4 fig. 11 (in *Homo*: Transvaal, Deutsch Ost Africa).—Cast. & Chalm., 1910a, 445, 926; 1913a, 556, 1293.—Gedöelst, 1911a, 134 (in H.; T.).—Linst., 1906, v. 3 (2), 245, fig. 11 (in H.; T., Lydenburg).—Stiles, 1907c, 55, 56, 65 (in H.: Africa, T., Lydenburg); 1914, MM, v. 2, 296.
emeryi (Cam., 1895) Cam., 1897g, 401 (63), 419, figs. 34, 37 (Sonda Island, Leyden).—Stiles & Hass., 1905b, 127.
flavescens Linst., 1906, v. 3 (2), 246, pl. 4 fig. 14 (Tucuman, Argentina, Costa Rica).
stylosus (Linst., 1883) Cam., 1897g, 401-402* (63-64), 419, figs. 32, 39 (s. *Gord. tricuspidatus*) (Turkestan); 1912, 216 (Delhi, Punjab).
tricuspidatus (Duf., 1828) Cam., 1897g, 400 (62) (s. *Fil. grylli-bordigalensis*, *Gord. g.-b.*, *G. dectici-albifrontis*, *G. gratianopolensis*, *G. trilobus*) (France).—Braun, 1915a, 373.—Brumpt, 1913a, 540.—Cast. & Chalm., 1910a, 445, 926; 1913a, 565, 1293.—Gedöelst, 1911a, 134 (in *Homo*).—Hartmeyer, 1909, 87.—Linst., 1906, v. 3 (2), 245 (in H.).—Par., 1901, 4.—Stiles, 1907c, 55 (in H.; France), 56, 59, 63, 64 (in H.; France); 1914, MM, v. 2, 296.—Stiles & Hass., 1905b, 127.
trifurcatus = *varius* Cat. Boston Soc. Nat. Hist. MS. in Stiles, 1907c, 55 (= *varius*) (Maine, U. S. A.).
varius (Leidy, 1851) Cam., 1897g, 402 (64), 419, figs. 33, 35-36 (N. A., New Mex., Bogota, Bolivia, Argentine).—Braun, 1915a, 373.—Brumpt, 1913a, 540.—Cast. & Chalm., 1910a, 445, 926; 1913a, 565, 1293.—Chittenden, 1905 (V. 17), 5.—Gedöelst, 1911a, 134 (in man).—Hempelm., 1912a, 108.—Linst., 1906, v. 3 (2), 245 (in *Homo*).—Montg., 1898a, 45-47, figs. 78-93; 1899, 651; 1903a, 387-474, pls. 37-43, figs. 1-91; 1903b, 1-88, pls. 1-7 figs. 1-91; 1903c, 927-928; 1907, June, 271, 272 (in *Acheta*; Mex., Lower Cal., Guatemala, U. S.).—Par., 1901, 4.—Pratt, 1916a, 227, fig. 363.—Stiles, 1907c, 53-68, figs. 35-55 (in H.; Ohio, Illinois, Ontario, Canada); 1909hh, 180; 1914, MM, v. 2, 296.—Stiles & Hass., 1905b, 127.—Ulrey, 1898a, 232-233 (to *Gord.*).—Ward, 1903, 224; 1916, 703.
- PARALINHOMÆUS** Man, 1907, MSz, v. 20, 33, 74, 81 (tsd. *lepturus*) (subg. of *Linhomæus*); 1907, v. 10, 239, 240-241.
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lepturus Man, 1907, 240 to L. (P.) (free; Ierseeke, Falmouth); 1907, 33, 74-78, 82, 83, 87, 90, fig. 15 to L. (P.) (free; Zealand, Falmouth).
linurus Savelev, 1912, 120 (in Schlamme mit Steinen; Kolafjord; Catharinahafen) to L. (P.).
- PARAMERMIS** Linst., 1898e, 167 (tsd. *crassa*); 1905z, 393-396.—Corti, 1902a, 111, 113; 1906, v. 19 (20), 628.—Daday, 1911, Mte. v. 29, 497; 1913, 244, 263.—Hagmeier, 1912, 579-580.—Schmassm., 1914, ZA, v. 44, in 396-406, figs. 1-7.—Stiles & Hass., 1905b, 128.

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aquatilis (Duj., 1845) Corti, 1902a, 111, 113 (s. Fil. lacustris) (in *Tanypus nebulosus*).—Daday, 1911, v. 29, 497; 1913, 215, 225, 232, 256, 263–264, pl. 8 figs. 7–10.—Hagmeier, 1912, 590–593, pl. 19 figs. 32–35, pl. 20 fig. 47.—Lauterborn, 1913, 871.—[Linst., 1898, 155–156, figs. 7–10.]

arenicola (Lauterborn, 1906) Lauterborn, 1913, 871.

ascaroides Lauterborn, 1913, 871.

contorta (Linst., 1889) Kohn, 1905, v. 15 (3), 213–256 (1–44), pl. 1 figs. 1–26 (in *Chironomus plumosus*, C. sp.; Europe); 1906, v. 31 (2–3), 64–66, figs. 1–2; 1906, 627–631.—Corti, 1906, v. 29 (20), 627–631 (of Kohn, renamed *Hydromermis implicata*) [not *Mermis contorta* Linst.].—Daday, 1911, v. 29, 498; 1913, 216, 220, 242, 243, 264–265.—Hagmeier, 1912, 580–585, pl. 18 figs. 28, pl. 19 fig. 26, pl. 20 figs. 44, 44a.—Hempel, 1912a, 108.—Lauterborn, 1913, 871.—Linst., 1905z, 394, 396, 1 fig.—Schmassm., 1914, ZA, 403.—Seur., 1916, 365 (of Kohn so. *Hydromermis implicata*) (of Linst. in C. p.).

crassa (Linst., 1889) Corti, 1902a, 111, 113 (in C. p.); 1906, v. 19 (20), 629.—Daday, 1911, v. 29, 498–499; 1913, 218, 221, 235, 265.—Linst., 1905z, 393.—Schreitmüller, 1911, BATK, v. 22, 707–708, 724–726, figs. 1–2.—Seur., 1916, 364 (in C. p., *C. leucopogon*, *Eusimulium reptans*).

fluvialis Hagmeier, 1912, ZJ, 585–587, pl. 19 figs. 27–28, pl. 20 figs. 45–45a (in larva of Chironomidæ; in Rhein).—Lauterborn, 1913, 871.

limnophila Daday, 1911, v. 29, 499–500, pl. 3 figs. 14–15; 1911, 523–524, pl. 17 figs. 14a–b (Vierwaldstädter-See); 1913, 224, 233, 265–266, pl. 3 figs. 14–15.

rosea Hagmeier, 1912, ZJ, 587–590, pl. 19 figs. 29–31, pl. 20 fig. 46 (Neuhofen).—Schmassm., 1914, ZA, 403–404.

zschokkei Schmassm., 1914, ZA, 401–403, figs. 5–6 (in Silvaplanensee, Vierwaldstädtersee).

PARASABATIERIA Man. (1906) 1907, v. 10, 237 (mt. vulg.); 1907, 33, 66.

kolaensis Savelev, 1912, TSN, 123 (in Ebbeschlamm; Catharinahafen).

vulgaris Man. (1906) 1907, v. 10, 237–238 (irca; Ierseke, Eng.); 1907, 33, 66–67, 87, pl. 1 fig. 12, pl. 3 figs. 12, a, b, d, i, pl. 4 fig. 12c (Zealand).

PARASPIDODERA Trav., 1914, MIOC, v. 6 (2), 137–142 (tod. uncinata) (Heterakidae).—Hall, 1916a, 44, 49.—Lane, 1916, IJMR, 101.

uncinata (Rud., 1819) Trav., 1914, 139–140, pl. 15 figs. 1–3 (in *Agouti paca*, *Cavia porcellus*, C. aperea; S. A.).—Hall, 1916a, 49–51, 54, figs. 55–57 (in C. p.; Brazil) (of Trav., type of *Parasp.*)

PASSALURUS Duj., 1845a, 230, 231–233 (mt. ambiguus).—Rail. & Henry, 1916, CrSB, 114.—Schneid., 1866a, 51, 116.—Seur., 1916, CrSB, 67.—Stiles & Hass., 1905b, 128.

ambiguus (Rud., 1819) Duj., 1845a, 232–233 (in *Lepus cuniculus*, L. timidus; Europe).—Bail., 1866b, 46 (to *Oxyuris*).—Dies., 1851a, 140 (to *Oxyuris*).—Leiper, 1913, 266.—Rail., 1893a, 417 (to Ox.); 1915, RMv, 491; 1915, 734 (in rabbit).—Rail. & Henry, 1916, CrSB, 114, 115.—Schneid., 1866a, 119.—Seur., 1916, CrSB, 67, fig. 3.

PELAGONEMA Cobb, 1894c, 391–392 (mt. simplex).—Stiles & Hass., 1905b, 128.

simplex Cobb, 1894c, 391–392, figs. 4, i–iv (coral bank; Bay of Nap.).—Stiles & Hass., 1905b, 128.

PELECITUS Rail. & Henry, 1910, CrSB, v. 68 (6), 251 (tod. *Spiropt. helicina*).

circularis (Mol., 1860) Rail. & Henry, 1910, v. 68 (6), 251.

helicinus (Mol., 1860) Rail. & Henry, 1910, v. 68 (6), 251.

quadripapillosus (Mol., 1869) Rail. & Henry, 1910, v. 68 (6), 251 (in *Ajaja ajaja*).

serpentulus (Dies., 1851) Rail. & Henry, 1910, v. 68 (6), 251.

tercostatus (Mol., 1860) Rail. & Henry, 1910, v. 68 (6), 251.

PELODERA Schneid., 1866a, 28, 29, 148–152 (*Pelodytes* 1860 [not *Pelodytes* Fitz ante 1842, or Gistel., 1848] renamed, hence type *strongyloides*), 155, 156, 162, 190, 194, 196, 197, 201, 210, 214, 232, 234, 241, 244, 245, 247, 248, 251, 253, 254, 256, 258, 260, 261, 263, 267, 269, 270, 271, 272, 274, 278, 279, 283, 284, 286, 292, 293, 298, 300, 301, 302, 303, 315, 317.—Erc., 1875e, 36.—Janet. (1884a), 11 figs. (in *Formica rufa*); 1893a, 700–703; 1894a, 40; 1909, 1–3 (in *F. fusca*).—Leichtenstern, 1886, 173 (name only).—Leuck., 1868a, 406; 1879a, 124; 1886d, 94.—Looss, 1911, v. 4, 216, 255.—Rollet., 1888a, 679, 681, 686.—Schep., 1908, 198.—Shipley, 1896a (1901b), 129, 131, 133.—Stiles & Hass., 1905b, 128.—Stöckert, 1901a, 19, 29, 96.

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- axei* Cobbold, 1884b, 5-6 (in *Equus cab.*; Eng.).—Assénova, 1899, 12.—Axe, 1884, 1.—Linst., 1889a, 23 (in E. c.; E.).—Ward, 1895, 340 (in E. c.).
- janeti* Lacaze-Dut., in Janet, 1893a, 700-703, 1 fig. (in *Formica rufa*, *Lasius flavus*; by Janet); 1894a, 40; 1894, MSz, v. 7, 45-62, figs. 1-11 (in F. r.; L. f.).—Conte & Bonnet, 1904, v. 50, 68.
- mucronata* [? (Grube, 1849)] Schneid., 1866a, 151.
- oxophila* (Schneid., 1866) Schneid., 1866a, 255.
- papillosa* Schneid., 1866a, 150, 151, 153-154 (in moist soil and decaying substance; Ing.), 218, 282, 294, 356, pl. 11 fig. 3, pl. 18 fig. 2, pl. 23 fig. 4 pl. 24 fig. 10, pl. 26 figs. 6-8.—Stœdter, 1901a, 27.
- pellio* Schneid., 1866a, 150, 151, 154 (body cavity of earthworms, also in moist soil and decaying substance; [Europe]), 303, 305, pl. 11 fig. 11.—Braun, 1895b, 214 (to *Rhabditis*): 1903a; 254: 1908a, 285: 1915v, 296.—Brumpt, 1910a.—Büetsch., 1873a, 12.—Cast. & Chalm., 1910a, 404; 1913a, 518.—Friedländer, 1895, ZwZ, 276 (in *Regenwurm*).—Johns., 1913, 606, 607.—Magal., 1905a, 316.—Nev.-Lem., 1902a, 125.—Rail., 1893a, 550 (to R.).—Seur., 1916, 364.—Sl. & Sw., 1912a, 365.—Ward, 1903, 706.—Züern, 1882a, 280.
- rigida* (Schneid., 1866) Schneid., 1866a, 255, pl. 23 fig. 1.
- setigera* Bast., 1880 (1879), 71-73 (in buried body of *Homo*; Eng.), figs. 1-3.—R. Bl., 1887e, 168.—Braun, 1895b, 213 (= *Rhabditis terricola*).—Moniez, 1896a, 304 (so. R. t.).—Ward, 1903, 208 (so. *Leptodera terricola*).
- species* Janet, 1893a, 700-703 [see *janeti*]; 1894a, 40.
- strongyloides* (Schneid., 1860) Schneid., 1866a, 151, 152, 153 (in moist soil and decaying substance; by Schneid.), 278, 282, 285, pl. 10 fig. 9, pl. 23 figs. 2, 3.—Chatin, 1888e, 1432 (in edible onion); 1897, v. 124 (17), 903-905.
- teres* Schneid., 1866a, 153, pl. 10 fig. 8 (in moist soil and decaying substance).—Braun, 1895b, 213 (= *Rhabditis terricola*).—Büetsch., 1873a, 107 (to R.).—Martini, 1906a, 708.—Rail., 1893a, 550 (= R. t.).—Ward, 1903, 208 (so. *Lepidodera terricola*).

PELODORA Dewitz, 1892b, 139 (for *Pelodera*).

- PELODYTES** Schneid., 1859a, 177 (mt. *hermaphroditus*; 1860b, 228, pl. 6, fig. 12 [not *Pelodytes* Fitz. ante 1846, or Gistl., 1848, reptile]; 1866a, 148 (renamed *Pelodera*).—Carus, 1862, v. 2, 458.—Rollest., 1870, 135.—Shipley, 1896a (1901b), 134.—Stiles & Hass., 1905b, 128.
- hermaphroditus* Schneid., 1859a, 177-178 (in *Winters Schnecke*).—Linst., 1878a, 325 (in *Arion empiricorum*) (*hermaphroditicus*). 366 (*hermaphroditicus*).
- strongyloides* Schneid., 1860b, 228, pl. 6, fig. 12; 1866a, 152 (to *Pelodera*).
- PENZANCIA** Man, 1889, 7-8 (isd. *velox*) (subg. of *Monohystera*) (contains also *oxyerca*).
- oxyerca* (Man, 1888a) Man, 1907, v. 20, 56, 86 (marine; Zealand) to M. (P.).
- PERITRACHELIUS** Dies., 1851a, 80, 209-210 (mt. *insignis*); 1855e, 180.—Drasche, 1881, 3; 1882a, 187-194, pl. 12, figs. 1-19.—Goldb., 1855a, 111.—Jägers., 1894a, 450, 453.—Mol., 1857a, 151.—Ols., 1869b, 487.—Stiles & Hass., 1899a, 103, 107, 128, 131, 138 (prob. so. Asc.); 1905b, 125, 129.
- insignis* Dies., 1851a, 210 (in *Delphinus amazonicus*; Brazil); 1855e, 181, pl. 5 figs. 8-13 (in D. a.; B.).—Ben., 1870a, 362 (in D. a.; B.).—Cobbold, 1879b, 427.—Jägers., 1894a, 450 (in *Inia geoffroyi*).—Stiles & Hass., 1899a, 107, 138 (in D. a. [= *Inia geoffroyi*]).
- typicus* (Dies., 1861) Jägers., 1894a, 453, to *Peritrachelius* and Asc. (P.).—Stoss., 1902c (d, e), 6-7 (66-67, 6-7) (in *Delphinus delphis*, *Globicephalus melas*; Genoa).—Stiles & Hass., 1899a, 127, 132 (to Asc.).
- PHACELURA** Hempr. & Ehrenb., 1828a, appendix, not paged (mt. *paludinae*) [not *Phacellura* for *Phakellura* Guild, 1840, lepidopt.].—Linst., 1909a, 83.—Mol., 1857a, 151, 152.—Seur., 1916, 364.—Stiles & Hass., 1905b, 129.
- inquinata* (Muell., 1774) Dies., 1851a, 137 (in *Lymnaeus auricularis*, *Verita janitoris*, *Physa fontinalis*, *Planorbis corneus*; Denmark).—Linst., 1909a, 83 (in *Lymnaea aur.*, P. f., Pl. c.).—Seur., 1916, 364 (in L. a., P. f., P. c.).
- limnaei* Linst., 1909a, 83 (for *lymnaei*) (in *Lymnaea stagnalis*).—Seur., 1916, 364 (in L. s.).

PHACELURA—Continued.

lymnæi Dies., 1851a, 137–138 (s. *Fil. lymnæi-stagnalis*) (in *Lymnæus stagnalis*; by Baer).

paludina Ehrenb. in Hempr. & Ehrenb., 1828, v. 1 (in *Paludina vivipara*).—Dies., 1851a, 137 (in *P. impura* et v.; Ber.).—Linst., 1909a, 83 (in *Bythinia tentaculata*, *Vipera vera*).—Seur., 1916, 364 (in B. t., V. v.).

PHALDONEMA Rathelot, 1892a, 52 (apparently misprint for *Rhabdonema* [intestinalæ]).

PHANODERMA Bast., 1865c, 94, 142–144 (tsd. [see Stiles & Hass., 1905b, 129] cocksi).—Villot, 1875a, 456, 461 (s. *Heterocephalus* Mar.).

albidum Bast., 1865c, 143–144, pl. 11, figs. 154–155 (tide-pools; Falmouth).—Villot, 1875a, 461–462, 465 (Eng.).

cocksi Bast., 1865c, 143, pl. 11, figs. 151–153 (tide-pools; Falmouth).—Villot, 1875a, 461–462, 465 (Eng.).

gracile Man, 1877a, 101–102, pl. 8 fig. 8a–d.—Southern, 1914a, 22 (Clew Bay).

laticollis (? Mar., 1870) Villot, 1875a, 466 (Mediterranean).

parvum Villot, 1875a, 462, 465, pl. 11 figs. 7a–b (Roscoff).

tuberculatum (Eberth, 1863) Bast., 1865c, 144.—Villot, 1875a, 466 (Med.).

PHANOGLENE Nordm., 1840a, 546, 550, 664–665 (micans [?type], barbiger).—R., Bl., 1888a, 675.—Carus, 1863, v. 1, 459.—Duj., 1845a, 238.—Eberth, 1863a, 18.—Leuck., 1867b, 31.—Mol., 1857a, 151.—Schneid., 1866a, 51.—Stiles & Hass., 1905b, 67, 129 (?type micans).

bacillata Eberth, 1863a, 19–20, pl. 2 figs. 1–4 (free, under corals; Nice Harbor).

barbiger Nordm., 1840a, 664 (free; near Berl.).—Bast., 1865c, 172–173 (stagnant water; B.).—Eberth, 1863c, 18 (in s. w.; B.).

flustra (Dalyell, 1853) Bast., 1865c, 173–174 (in *Flustra carbacea*).

longissima Eberth, 1863a, 21, pl. 2 fig. 8 (under corals; Nice harbor).

micans Nordm., 1840a, 664 (in larva of a neuropteran).—Bast., 1865c, 173 (in larva neuropt.).—Carus, 1863, v. 2, 459.—Dies., 1851, 128.—Duj., 1845a, 238 (in larva of neuropt.).—Eberth, 1863a, 18 (in neuropteran larva).

obtusicaudata (Koell., 1845) Bast., 1865c, 173.

ocellata (Carter, 1859) Eberth, 1863a, 21–22.

punctata Eberth, 1863a, 20, pl. 2 figs. 5–7 (free under sea plants; Villafraanca).—Villot, 1875a, 458 (prob. so. *Leptosomatum gracile*).

rosea (Koell., 1845) Bast., 1865c, 173.

subulata Eberth, 1863a, 21, pl. 2 figs. 9–10 (under corals; Nice Harbor).—Büetsch., 1873a, 24.—Stiles & Hass., 1905b, 140.

PHARURUS R. Leuck., 1848c, 26–28 (mt. *Str. alatus*).—Dies., 1851a, 322 (so. *Prosthecosacter*).—Rail. & Henry, 1912, 566.—Stiles & Hass., 1905b, 129.

alatus (R. Leuck., 1848) Dies., 1851a, 325, to *Str.* (Ph.).

minor (Kuhn, 1829) Cobbold, 1879b, 423.

PHARYNGODON Dies., 1861a, 614, 642 (mt. *acanthurus*) [not *Pharyngodon* Cope, 1865, reptile].—Rail. & Henry, 1916, CrSB, 114.—Stiles & Hass., 1905b, 129.

acanthurus (Dies., 1861) Dies., 1861a, 642 (s. *Asc. extenuata*, *Oxyuris spinicauda*) (in rectum, *Chrysomelampus ocellatus*, *Podarcis muralis*; Algeciras, Padua).—Linst., 1883a, 297 (hng.).—Par., 1894a, 224, to *Oxyuris* (Ph.) (in *Lacerta ocellata*; Padua).—Rail. & Henry, 1916, CrSB, 114 (s. *Asc. extenuata*, *Oxyuris spinicauda*).—Reported for *Lacerta muralis*, *Tejus teguixin*, *T. nigropunctatus*, *Triton tæniatus*.

PHILOMETRA Costa, 1845 [nv.] [not *Philometra* Grote, 1872, lepidopt.].—Rail., 1916, RMv, v. 92, 519 (s. *Ichthyonema* Dies., 1861) (type *globiceps*).

globiceps (Rud., 1819) Rail., 1916, 519 (s. *recticaudata*).

recticaudata Costa, 1845 [nv.].—Rail., 1916, 519 (so. *globiceps*).

PHYSALOPTERA Rud., 1819a, 29–30, 255–259, 585 (tsd. clausa).—Blainv., 1828a, 545–546.—R. Bl., 1888a, 727 (as genus of *Strongylides*).—Braun, 1906a, 332–333; 1915a, 291, 328.—Brems., 1824a, 126.—Brumpt, 1910a, 333, 399; 1913a, 464.—Burm., 1856a, 279.—Carus, 1863, v. 2, 460.—Cat. RCSI, 1830, 39.—Crep., 1839a, 280.—Daniels, 1910a, 71.—Deslgch., 1824kk, 620–622; 1828b, 468–469.—F. S., & T., 1916a, 460.—Fischer, 1840a, 154.—Foy, 1838, v. 7, 451–452.—Garin, 1913, 9, 75.—Gedöelst, 1911a, 130.—Goldb., 1855a,

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- 111.—Hall, 1916a, 168, 199, 212-213, 214-215, 216, 217, 218 (type clausa).—Jägers., 1897b, 20, 22.—Jov, 1835a, 503.—Kreffl., 1871a, 210.—Leiper, 1911, 209.—Lepri, 1898a, 56.—L'Herminier, 1826a, 10.—Linst., 1897i, 29; 1902a, in 217-232, 1 pl.; 1902l, 769; 1903u, in 265-294; 1904a, 274; 1904f, 4; 1904m, in 379-383, 1 pl.; 1909, CfB, v. 50, in 448-451, figs. 1-4; 1909, 49, 56.—Milne, 1912, v. 47, 357 (in squirrel, cat: Jhansi).—Mol., 1857a, 151; 1860d, 637-672 (monograph).—Mordwilko, 1908, 191.—Neum., 1892, 345, 373.—Nev.-Lem., 1904a, 97; 1906a, 281; 1908a, 417; 1912a, 651.—Nordm., 1840a, 660.—Ols., 1869b, 487, 490.—Par., 1887b, 356; 1894a, 572, 1907a, 1-4.—Rail. & Henry, 1909a, 85; 1912, 562.—Schneid., 1866a, 15, 24, 29, 59-61, 78, 189, 204, 233, 235, 241, 242, 286, 311.—Seur., 1914, v. 6, 244-253, 3 figs.; 1914, 527; 1915, 15; 1916, 330-331, 339; 1917, CrSB, v. 80, 210-218, fig. 1 (in mammals; N. Africa).—Shipley, 1896, 163.—Skrj., 1916, 523; 1916, 80, 145.—Sl. & Sw., 1912a, 331.—Sons., 1889, 224-227 (in *Megalotis cerdo*).—Stiles, 1907a, 38; 1914, v. 2, 271.—Stiles & Hass., 1905b, 129 (clausa designated type).—Stoss., 1889l(m), 36-59 (1-24), pls. 1-3 figs. 1-42 (monograph); 1898, 88.—Verdun, 1907, 321.—Ward, 1916, 692.—Weinberg, 1906e, 534 (path.).—Wolffh., 1900, 44 (in *Upupa epops*).
- abbreviata* Rud., 1819a, 30, 257-258 (in *Lacerta margaritacea*: Algeria, Spain).—Dies., 1851a, 235-236 (s. *Asc. fallax*) (in *Chrysolamprus ocellatus*, L. viridis: Spain).—Hall, 1916a, 213, 214-215, figs. 279-280 (in *Graphiurus murinus*: Africa).—Leidy, 1886e, 312-313; 1904a, 192-193 (in *Phrynosoma regale*, P. hernandezii: Mexico).—Linst., 1878a, 192; 1883a, 281-282, pl. 6 figs. 7-8; 1886c, 6; 1889a, 66; 1902d, 31.—Mol., 1860d, 646.—Ols., 1883a, 53.—Par., 1907a, 3.—Schneid., 1866a, 65, 256.—Seur., 1914, CrSB, v. 77, 433-434 (1-2), figs. 2-3 (in *Lacerta ocellata*: Bou-Saâda); 1916, 142, 143; 1916, 302, 331, 336-337 (in *Ateuchus*, L. o.; B.-S.); 1917, CrSB, 210, 217, 218 (31, 38, 39); 1917, CrSB, 44-45, 46, 47, 48, 52 (18-19, 20, 21, 22, 26) (in L. o.; B.-S.).—Skrj., 1916, 80-82, 145, 146, pl. 8 figs. 63-65 (in *Agama* sp.).—Stiles & Hass., 1894e, 343 (in P. h., P. r.).—Stoss., 1889, v. 11, 42-43 (7-8) (in *Ciconia alba*, *Phrynocephalus helioscopus*, *Phrynosoma* h., *Pseudopus pallasi*, *Tropidonotus hydrus*).—Also reported for *Jacchus vulg.*, *Lacerta agilis*, *L. muralis*, *L. vivipara*.
- abjecta* Leidy, 1856b, 53 (in stomach, *Psammophis flagelliformis*; by Jones); 1904a, 99.—Linst., 1878a, 186.—Mol., 1860d, 665.—Stiles & Hass., 1894e, 343 (in whip snake).—Stoss., 1889, v. 11, 51 (16) (in P. f.; Phila.).
- acuticauda* Mol., 1860d, 661-663 (s. *alata* Dies. pars) (in *Falco atricapillus*, F. cachinans, F. cayennensis, F. coronatus, F. dispar, F. gracilis, F. minutus, F. ornatus, F. palustris, F. sp., F. rutilans, F. swainsonii, F. uncinatus, F. urubutinga: Brazil), 669, 670.—Drasche, 1883b, 127, pl. 8 figs. 4, 5.—Linst., 1878a, 110 (in *Herpetotheres cachinnans*), 114, 115, 116, 117, 118; 1889a, 41; 1901b, 413.—Rans., 1904a, 5, 42, 45, 46 (s. a. D.) (in *Elanus caeruleus*: Africa).—Stoss., 1889, 46 (11), 56 (21), pl. 2 fig. 14, pl. 3 fig. 33.
- alata* Rud., 1819a, 29-30 (s. *Vermis dubius falconis-nisi*) (in *Falco nisus*, F. pennatus, F. gallicus; Mus. Wien), 256-257, 645.—Blainv., 1828a, 545.—Crep., 1846a, 129.—Dies., 1851a, 234 (in *Falco apivorus*, F. atricapillus, F. cachinans, F. cayennensis, F. coronatus, F. dispar, F. gracilis, F. ornatus, F. palustris, F. pygargus, F. rufus, F. rutilans, F. sp., F. swainsonii, F. uncinatus, F. urubutinga: Brazil, M. C. V.).—Geddes, 1911a, 130, fig. 175.—Lam., 1840a, 661.—Lepri, 1898a, 53, 54, 56-58, figs. 6-7.—Linst., 1877a, 9-10, pl. 1 figs. 13-15; 1878a, 108, 110; 1909, 56, fig. 18 (in *Circus aeruginosus*).—Mol., 1860d, 660-661 (so. *acuticauda* Mol.).—Nordm., 1832a, 22; 1840a, 661.—Par., 1887b, 356-357 (84-85).—Schneid., 1866a, 63.—Seur., 1914, 252 (in *Accipiter nisus*; Bou-Saâda); 1914, 427; 1915, NZ, 15, 16, 17 (in F. biarmicus erlangeri; Biskra); 1916, 142; 1916, 331, 334-335 (in A. n., C. v.; B.-S.).—Skrj., 1916, 523-524, fig. 37 (in *Aquila imperialis*, A. pennata).—Stoss., 1889l(m), 45 (10), pls. 2, 3 figs. 13, 32 (in A. p., *Astur palumbarius*, *Buteo vulg.*, *Circæetus gallicus*, *Circus rufus*, C. cyaneus, F. subbuteus, *Nisus communis*, *Pernis apivorus*); 1895, 33; 1896, 124; 1898, 88.—Wedd., 1846, 47.—Wolffh., 1900, 10, 13.—Also reported for *Accipiter nisus*, *Astur nisus*, *Circus cineraceus*, C. pygargus.
- alata chevruvi* Seur., 1914, BSHNA, 252-253 (in *Épervier*: Bone); 1916, 335 (in *Accipiter nisus*; Bou-Saâda).
- alata novelli* Seur., 1915, v. 6: 9, 157-159 (in *Accipiter nisus*, *Aquila chrysaetos*: Bou-Saâda); 1916, CrAS, 142.

PHYSALOPTERA—Continued.

- alba* Stoss., 1902c(d. e), 10-11 (70-71, 10-11), pl. 4 figs. 18-20 (in *Cyclodus boddaërtii*; Nuova Olanda).
- aloisii-sabaudix* Par., 1907a, 3 (in *Agama atricollis*; Africa).—Seur., 1917, CrSB, 47 (21).
- amphibia* Linst., 1899b, 15, pl. 3 fig. 37 (in *Rana macrodon*; Luzon).—Seur., 1914, 179.
- anomala* Mol., 1860d, 650-651 (s. *felis-onça*) (in *Felis onça*; Matogrosso, Brazil).—Drasche, 1883b, 128, pl. 8 figs. 1-3.—Linst., 1878a, 32; 1889a, 14; 1889c, 239.—Stoss., 1889(m), 44 (9), pls. 2, 3, figs. 11, 30.
- antarctica* Linst., 1899b, 15-16, pl. 3 fig. 39 (in *Acanthophis antarctica*, *Cyclodus occipitalis*; S. Australia).
- bilabiata* Crep., 1829b, 7-8 (in *Lanius minor*; by Schilling & Hornschuch).—Dies., 1851a, 234-235 (in L. m.; Greifsw.).—Linst., 1878a, 95 (in L. m.).—Mol., 1860d, 643-644.—Stoss., 1889(m), 51 (16).
- brevicauda* Linst., 1906, 166, pl. 1 fig. 4 (in *Francolinus adspersus*; S. W. Africa); 1909, 449-450, fig. 3 (in F. a.; S. W. Africa).
- brevispiculum* Linst., 1906, v. 3, 166, pl. 1 fig. 4 (in *Felis rubiginosa*; Kandy, Ceylon).
- breviraginata* Seur., 1917, CrSB, 210-211 (31-32) (in *Vespertilio kuehli*; Bou-Saâda).
- britannica* Skrz., 1916, 80, 82-83, 145-146, pl. 9 figs. 66-69 (in *Agama* sp.; Brit. E. Africa).—Seur., 1917, CrSB, 47 (21).
- bulbosa* Linst., 1906, 250, pl. 16 fig. 3 (in *Pavo spicifer*; Königsb.).—Gedöelst, 1911a, 130 (in peacock).
- caucasica* Linst., 1907, AN, J. 67, v. 2 (8), 172 (for *caucasica*).
- caucasica* Linst., 1902l, 769-770, figs. 1-2 (in *Homo*; Caucasus); 1903u, 273-274 (9-10), pl. 18 figs. 6-8 (in H.; Petrograd); 1904a, 273-274 (9-10), figs. 6-8; 1905, 33.—Braun, 1903a, 299; 1906a, 333; 1908a, 338 (in H.; Caucasus); 1915a, 328, fig. 288.—Brumpt, 1910a, 400; 1913a, 464.—Cast. & Chalm., 1913a, 1292.—F., S., & T., 1916a, 461.—Gedöelst, 1911a, 130 (in H.).—Leiper, 1911, 209 (in H.; S. Russia).—Nev.-Lem., 1904a, 97, 111; 1906a, 281; 1908, 460.—Sl. & Sw., 1912a, 331, 402.—Stiles, 1907e, 602; 1914, MM, v. 2, 293.—Verdun, 1907, 382.—Ward, 1903, 222; 1903, 704; 1916, 692.
- cesticillata* Sons., 1889c, 224-227 (in *Megalotis cerdo*; by Sons., Egypt).—Linst., 1889a, 138.—Seur., 1917, CrSB, 210 (31) (in Fennec).
- circularis* Linst., 1897i, 28-29, fig. 4 (in *Mus rattus*; Madagascar).—Hall, 1916a, 212, 215-216, fig. 281 (in *Epimys rattus*; M.).—Par., 1898b, 18, 19; 1907a, 4.—Seur., 1917, CrSB, 217 (38).
- citilli* (Rud., 1819) Hall, 1916a, 212, 213 (in *Citellus citellus*).
- clausa* Rud., 1819a, 29, 255-256, 643, pl. 1 figs. 2, 3 (in *Erinaceus europæus*; Mus. Wien).—Blainv., 1828a, 545.—R. Bl., 1887e, 167.—Brems., 1824a, 126; 1824c, pl. 3 figs. 1-7.—Carus, 1863, 460.—Cobbold, 1879b, 295.—Crep., 1839a, 280.—Dies., 1840, 222; 1851a, 233.—Garin, 1913, 9, 76-78, 84, 86-87, 88, 148, figs. 25-26, 28-29.—Hall, 1916a, 212.—Lam., 1840a, 660.—Linst., 1878a, 15.—Mol., 1860d, 649-650.—Nordm., 1840a, 660-661.—Schneid., 1866a, 60, 62, pl. 3 fig. 4.—Seur., 1913, 126 (in *E. deserti*); 1913, CrSB, 330; 1913, 1 (in *hérisson*; Tunis); 1916, 331-334, 337, fig. 14 (in *Elephantulus d.*, *Erinaceus d.*); 1917, CrSB, 210, 211-214, 215 (31, 32-35, 36), fig. 1 (s. *dispar* Linst., 1904) (in *Erin. d.*, *Erin. algeris*; Algeria).—Stoss., 1889, v. 11, 49 (14), pls. 2, 3 figs. 20, 39; 1896, 124; 1898, 89.—Wedl, 1855, 308; 1856, 47.
- cœlebs* Linst., 1897i, 28, pl. 4 fig. 3 (in *Centetes ecaudatus*; Madagascar).
- colubri* (Rud., 1819) Dies., 1851a, 237 (in *Zacholus austriacus*; M. C. V.).—Drasche, 1883b, 128.—Linst., 1878a, 190; 1889a, 65.—Mol., 1860d, 665.—Stoss., 1889(m), 42 (7) (in *Coronella austriaca*; Wien).
- constricta* Leidy, 1856b, 53 (in *Tropidonotus sipedon*; [U. S. A.]); 1904a, 98-99.—Linst., 1878a, 188.—Mol., 1860d, 663-664.—Stiles & Hass., 1894e, 343 (in T. s.).—Stoss., 1889(m), 52 (17).
- contorta* Leidy, 1856b, 53 (in *Cistudon carolina*, *Emys serrata*, *E. reticulata*, *Kinos-ternum pennsylvanicum*; [U. S. A.]); 1904, 99.—Linst., 1878a, 177.—Mol., 1860d, 664 (in *Clemmys serrata*, *Pyxidemis clausa*, *Kynosternon penns.*; Phila.).—Stiles & Hass., 1894e, 343 (in K. p., *C. clausa*).—Stoss., 1889(m), 52 (17) (in *Cinosternon* p.; Phila.).

PHYSALOPTERA—Continued.

- crassa* Linst., 1879b, 329-330 (in *Alauda arvensis*; Stuttgart; 1889a, 33 (in A. a.).—Stoss., 1889l (m), 40 (5).
- croci* Seur., 1914, BSHnA, 247, 249-251, figs. 1-3 (in *Accipiter nisus*; Mascara; 1915, 16, 17; 1916, 142).
- dentata* Linst., 1883a, 282-283, pl. 6 figs. 9-10 (in *Agama sanguinolenta*, Phrynoc. auritus, *Vipera berus*; Turkestan; 1886c, 7, figs. 9-10; 1889a, 62 (in *Pelias berus*).—Par., 1907a, 3.—Seur., 1917, CrSB, 47 (21).—Stoss., 1889l (m), 39 (4), pl. 1 fig. 4 (in A. s., *Pelias berus*, Phrynoc. a.; T.).
- digitata* Schneid., 1866a, 61, pl. 3 fig. 1 (in *Felis concolor*; Brazil).—Cobbold, 1879b, 309.—Linst., 1878a, 31; 1889c, 239.—Neum., 1892, 373.—Stoss., 1889l (m), 48 (13), pls. 2, 3, figs. 19, 38.
- dilatata* Rud., 1819a, 644-645 (stom. *Simia rosalia*; Brazil).—Brems., 1824c, pl. 3 figs. 8-9.—Cobbold, 1879b, 291.—Dies., 1851a, 233-234 (in *Cebus apella*, *C. canus*, *C. Callithrix*) *caligatus*, *C. lagotherix*, *C. satanas*, *Jacchus rosalia*, *J. vulg.*; B., M. C. V.).—Leiper, 1911, 209 (in *Simia* (of Mol.=mordens).—Linst., 1878a, 8; 1901b, 413 (in *Papio langheldi*).—Mol., 1860d, 648 (in *Callithrix amictus*, *Cercopithecus nictitans*, *Lagotherix humboldtii*; B.).—Nordm., 1832a, 22.—Par., 1885a, 436.—Shipley, 1905, 98 (in *Cercopithecus pyrrhonotus*).—Stoss., 1889l (m), 52 (17) (in *Callithrix caligata*, *Cynoc. hamadrias*, *Cebus fatuellus*, *Hapale rosalia*, *H. iacchus*, *Lagotherix cana*, *Pithecia satanas*; B.).
- dispar* Linst., 1904m, 380, figs. 1-2 (in *Erinaceus albiventris*; Nigeria, W. Africa).—Seur., 1917, CrSB, 211 (so. clausa).
- elegantissima* Stoss., 1902c (d, e), 10 (70, 10), pl. 4 figs. 24, 25 (in *Ratelus capensis*; Eritrea).
- fusiformis* Linst., 1902a, 219, fig. 3 (in *Micropogon* sp.; Breslau Mus.).
- galinieri* Seur., 1914, BSHnA, 244-247, figs. 1-3 (in *Aigle*; Ain-Oussera); 1915, 17 (in *Aquila rapax belisarius*); 1916, 142, 143; 1916, 331.
- gemina* Linst., 1899b, 15, pl. 3 fig. 34 (in *Felis catus dom.*; Egypt).—Geddes, 1911a, 130 (in *dom. cat.*).—Rail., 1915, 736 (in chicken); 1915, RMv, 494.—Seur., 1917, CrSB, 217 (38).
- getula* Seur., 1917, CrSB, 215-217 (36-38) (in *Mus rattus*; Dar M'tougui; Maroc; Algeria).
- guiarti* Garin, 1913, 75, 79-81, 82, 87-88, 148, figs. 27, 30 (in *Leptonychotes weddelli*; S. Pole).
- incurva* Linst., 1908, 22, fig. 2 (in *Erinaceus frontalis*; Kalahari, S. Africa).
- inermis* Linst., 1906, 249, pl. 16 fig. 1 (in *Sciurus prevosti*; Königsb.).
- inflata* (Mol., 1860) Stoss., 1889m, 51 (16) (in *Falco uncinatus*; Brazil).—Linst., 1889a, 43.
- leptosoma* (Gerv., 1848) Seur., 1917, CrSB, 48-52 (22-26), figs. 1-4 (in *Uromastix acanthinurus*, *Varanus griseus*; Algeria); 1917, CrSB, 217 (38).
- limbata* Leidy, 1853b, 53 (s. *Spiropt. scalopsis-canadensis*) [in *Scalops canadensis*]; 1904a, 98.—Linst., 1878a, 17 (in *Scalops aquaticus*).—Mol., 1860d, 665 (in S. c.; Phila.).—Stoss., 1889l (m), 53 (18).
- magnipapilla* Mol., 1860d, 657-658 (s. *myrmecophaga-quadrilactyla* M. C. V.) (in *Myrmecophaga bivittata*; Caicara, Brazil).—Drasche, 1883b, 128.—Linst., 1878a, 62 (in *M. tetradactyla*; 1889a, 26.—Stoss., 1889l (m), 47 (12).
- malleus* Linst., 1883a, 283, pl. 6 figs. 11-12 (in *Corvus cornix*; Turkestan; 1886c, 8; 1889a, 38 (in C. c.).—Stoss., 1889l (m), 38-39 (3-4) (in C. c.; T.).
- marillaris* Mol., 1860d, 645 (s. *vivere* M. C. V.) (in *Mephitis chinche*; Brazil).—Drasche, 1883b, 128.—Jagers, 1897b, 20.—Linst., 1878a, 41; 1889a, 16 (in *Procyon cancrivorus*; 1889c, 239.—Par., 1900c, 196 (in *M. suffocans*; Buenos Aires).—Stoss., 1889l (m), 47 (12).
- megalostoma* Crep., 1829b, 6-7, pl. 1 figs. 1-5 (in proventric. *Falco nisus*; Greitsw.); 1846a, 130.—Nordm., 1832a, 22.—Reported for *F. palumbarius*.
- mephites* Solanet, 1909, RAyV, 90-92, figs. 1-4 (in *Mephitis suffocans*; Buenos Aires).
- monodens* Mol., 1860d, 658-659 (24-25) (s. *boa*, *boa-stiboyo*, *reflexa*, *boa-constrictor*) (in *Boa constrictor*; Brazil).—Drasche, 1883b, 127.—Linst., 1878a, 185; 1889a, 64.—Stoss., 1889l (m), 50 (15).

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- mordens* Leiper, 1908, L. v. 174, 102 (in *Homo*; Uganda); 1908, TSTMH, v. 1, 76-82, pl. 1; 1911, JTMH, v. 14, 209-211 (in H.; Africa); 1912, v. 51 (18), 566 (in H.; A.); 1913, 268-269, figs. 4-5; 1915, 569-570 (in H.; Uganda, Transvaal).—Braun, 1915a, 329.—Brumpt, 1913a, 465.—Cast. & Chalm., 1913a, 1292.—Daniels, 1910a, 152.—F., S., & T., 1916a, 461, 462, fig. 340.—Gedølst, 1911a, 130 (in man; tropical Africa).—Looss, 1914, v. 2, 510.—Stiles, 1914, MM, v. 2, 293.—Turner, 1910, 58 (in H.; A.).—Ward, 1916, 692.—Wellman, 1914, 800.
- mucronata* Dies., 1851a, 235 (in *Champsia nigra*; Brazil).—Leidy, 1856b, 53; 1904a, 98 (in *Alligator mississippiensis*; Ga.).—Linst., 1878a, 180, 181 (in *Jacare nigra*).—Pavesi, 1881a, 294.—Stiles & Hass., 1894e, 343 (in A. m.).
- muris-brasiliensis* Dies., 1861a, 653 (s. *Spiropt. bilabiata*) (in stom., *Mus brasiliensis*; Brazil).—Drasche, 1883b, 128.—Hall, 1916a, 212, 213-214, 216, figs. 277-278 (in M. b.; B.).—Linst., 1878a, 24; 1889a, 11 (in *Holochilomys brasiliensis*).—Par., 1898b, 17, 18, 19.—Seur., 1917, CrSB, 217 (38).—Stoss., 1889, 41 (6), pls. 1, 3 figs. 7, 27.
- numidica* Seur., 1917, CrSB, 217-218 (38-39) (in *Dipodillus campestris*; Bou-Saâda).
- obtusissima* Mol., 1860d, 654-657 (s. *colubri M. C. V.*) (in *Bothrops jararaca*, *Clœlia plumbea*, *C. fasciata*, *Erythrolamprus venustissimus*, *Lygophis regius*, *Ophis ceruleus*, *O. treuensteinii*, *O. saurocephalus*, *O. rhodogaster*, *Pseudophis cinerascens*, *Spilotes pullatus*; Brazil, M. C. V.).—Drasche, 1883b, 127.—Linst., 1878a, 182; 1889a, 63.—Shiple, 1900c, 559 (in C. f., C. p., *Dipsadomorphus irregularis*, *Erythrolamprus aesculapi*, *Lachesis lanceolatus*, L. r., O. c., O. r., O. t., P. c., S. p., *Xenodon severus*; S. A., New Brit. in W. Pacific).—Stiles & Hass., 1894e, 343 (in *Bascanion constrictor*, *B. flaviventris*).—Stoss., 1889l (m), 44 (9); 1900, 3.—Also reported for *Oxyrhopus fasciatus*, *O. plumbeus*.
- ovata* Linst., 1907, 252-253, pl. 6 fig. 5 (in *Astur melanoleucus*; Kamerun).
- pallaryi* Seur., 1917, CrSB, 45-47, 48 (19-21, 22) (in *Agama bibroni*; Mogador, Bou-Saâda); 1917, CrSB, 218 (39).
- papillorotunda* Linst., 1899b, 14-15, pl. 3 fig. 33 (in *Canis lupus*; Persia).
- papillotruncata* Mol., 1860d, 647-648 (in *Myrmecophaga jubata*, M. didactyla; Brazil).—Drasche, 1883b, 127.—Linst., 1878a, 62; 1879b, 328; 1889a, 27.—Stoss., 1889l (m), 48 (13), pls. 2, 3 figs. 18, 37.
- paradoxa* Linst., 1908, JDMG, 22, figs. 3-4 (in *Varanus albigularis*, V. sp.; Kalarhari, etc., S. Africa).—Seur., 1914, CrSB, 434-436 (2-4), figs. 1, 4-5 (in *Varanus griseus*, *Cerastes cornutus*); 1916, 142, 143; 1916, 336, 337 (s. *quadrovaria*); 1917, CrSB, 47 (so. *varani*).
- preputialis* Linst., 1889c, 238-239, pl. 16 figs. 9-10 (in *Felis catus*; B.); 1889a, 13; 1902l, 769; 1903u, 274; 1904a, 274; 1906, 166.—Bodkin & Cleave, 1916, BER, 182 (in cats; Brit. Guiana).—Harrison & Hall, 1909, P, v. 2 (1-2), 29-31 (in Malay tiger); 1909, v. 21 (5), 489.—Rail., 1915, 735; 1915, RMv, 494.
- pyramidalis* Linst., 1879b, 329, pl. 5 fig. 14 (in *Cholœpus didactylus*; Surinam); 1889a, 27 (in *Myrmecophaga didactyla*).—Stoss., 1889l (m), 39-40 (4-5) (in C. d.; S.).
- quadrovaria* Leiper, 1908, 192, fig. 43 (in *Varanus niloticus*; White Nile).—Seur., 1916, 143 (so. *paradoxa*); 1916, 337 (so. p.); 1917, CrSB, 47 (so. *varani*).
- retusa* Rud., 1819a, 30, 258, 586, 646-647 (intest., *Lacerta teguixin*; Brazil).—Dies., 1851a, 236 (in *Otenodon nigropunctatus*, *Podinema graphica*, P. teguixin, *Scelocnemis lateristriga*, *Tropidurus torquatus*; B., M. C. V.).—Leidy, 1891a, 412 (in *Varanus* sp.).—Linst., 1878a, 191.—Mol., 1860d, 652 (in *Amphisbœna flavescens*, *Cnemidophorus lateristrigus*, *Euprepis spixii*, *Ophiodes striatus*, *Podinema scripta*, *Pygodactylus gronovii*, *Scleroporos undulatus*; B.).—Par., 1898b, 20.—Schneid., 1866a, 60, 65-66, pl. 3 figs. 6, 8, 9.—Seur., 1917, CrSB, 43 (17).—Shiple, 1900c, 559 (in *Ameiva surinamensis*, *Amphisbœna alba*, *Dipsadomorphus irregularis*, *Tupinambis teguixin*, T. nigropunctatus; New Britain).—Stiles & Hass., 1894e, 343 (in *Varanus varius*).—Stoss., 1889l (m), 37-38 (2-3) (in *Amphisbœna flavescens*, *Tejus monitor*; Brazil); 1900, 3.—Also reported for *Lacerta stellio*, *Tejus nigropunctatus*, T. teguixin, *Tropidolepidura* sp.
- rotundata* Linst., 1906, 249-250, pl. 16 fig. 2 (in *Otis houbara*; Kœnigsb.).

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- ruwenzorii* Par., 1907a, 4 (in *Arvicanthus abyssinicus*, *Mus ugandæ*; Africa).—Hall, 1916a, 212, 216–217, figs. 282–284 (in *Arvicanthus a.*, *Epimys ugandæ*; Fort Portal, Africa).—Seur., 1917, CrSB, 217 (38).
- saginata* Rud., 1819a, 647 (in *Strix*; Brazil).—Dies., 1851a, 236–237 (in *Caprimulgus guianensis*, *C. leucopygus*, *Corvus cajanus*, *Crotophaga ani*, *Cuculus tinguaçu*, *Falco furcatus*, *Icterus cristatus*, *S. atricapilla*, *Thamnophilus* sp.; B., M. C. V.).—Linst., 1878a, 71.—Stoss., 1889l (m), 53 (18) (in *Caprimulgus leucopygius*, *S. torquata*, *T. funebris*).—Also reported for *Nyctidromus guianensis*.
- sciuri* Par., 1898a (b), 118–120 (17–19), pl. 1 figs. 18–19 (in *Sciurus melanogaster*; Mentawai Isl.).—Hall, 1916a, 212, 217–218, figs. 285–286 (in *S. m.*; *M.*).—Linst., 1906, 249 (in *S. m.*).
- semilanceolata* Mol., 1860d, 659 (in *Nasua narica*; Brazil).—Drasche, 1883b, 127.—Cobbold, 1879b, 298.—Linst., 1878a, 41; 1889a, 17 (in *N. socialis*); 1889c, 239.—Stoss., 1889, 50 (15).
- sonsinoi* Linst., 1895a, 525–526, fig. 17 (in stom., *Agama mutabilis*; Pisa).—Seur., 1917, CrSB, 52 (26).—Sons., 1895, 124 (in *A. pallida*).
- species* Linst., 1897i, 29 (in *Erinaceus*; Madagascar).
- species* Linst., 1904f, 5 (in *Calotes versicolor*; Colombo).
- species* Par., 1885a, 438–439 (17–18), pl. 7 fig. 22 (in cav. orb., *Ibis æthiopica*; Abyssinia).—Linst., 1889a, 53.
- species* Par., 1889c, 775–776 (in un ofidio; Birmania).
- species* Seur., 1916, 337–338 (in *Erinaceus algirus*; Bou-Saâda).
- species* Sieb., in Oerley, 1882b, 311 (in *Emys venusta*; by Sieb.).—Linst., 1889a, 61.
- species* Stewart, 1914, RIM, 178–179, 190, pl. 22 figs. 50–51 (in *Bufo stomaticus*; Lucknow).
- species* Stoss., 1901a, 90–91 (2–3) (in *Orycteropus capensis*; Aardvark).
- spiralis* Schneid., 1866a, 60, 64–65, pl. 3 fig. 5 (in *Amphisbæna* sp.; Brazil).—Linst., 1878a, 191.—Seur., 1914, 66.—Stoss., 1889l (m), 38 (3), figs. 2, 25.
- spirala* Ehrenb. in Hempr. & Ehrenb., 1828a (*Hyrax*, unpagéd, in intest. crass., *Hyrax capensis*; by H. & E.).—Cobbold, 1879b, 403.—Dies., 1851a, 236.—Hall, 1916a, 212, 213 (in *Procavia syriaca*, *P. capensis*; Syria, Arabia).—Linst., 1878a, 45.—Mol., 1860d, 664.—Stoss., 1889l (m), 53 (18).
- striata* Linst., 1883a, 280–281, pl. 6 figs. 5–6 (in *Tropidonotus hydrus*, *Ciconia alba*; Turkestan); 1886c, 5; 1889a, 64 (in *T. h.*).—Seur., 1914, 66.—Stoss., 1889l (m), 40–41 (5–6) (in *C. a.*; *T.*).
- strongylina* Rud., 1819a, 646 (in *Cuculus seniculus*; Brazil).—Dies., 1851a, 235 (in *C. melacoryphus*; B., M. C. V.).—Linst., 1878a, 71.—Stoss., 1889l (m), 53 (18) (s. *Spiropt. affinis*).
- subalata* Schneid., 1866a, 62, 63, pl. 3 fig. 7 (s. *aiata* Rud. pars, stom., *Falco* sp.; Brazil).—Linst., 1878a, 118.—Seur., 1914, 247–249 (in Buse; San Martino, Corse); 1916, 142; 1916, 331.—Stoss., 1889l (m), 41 (6), pls. 1, 3 figs. 6, 26.
- tacapensis* Seur., 1917, CrSB, 214–215 (35–36) (in *Ctenodactylus gundi*; Sud-Tunisien).
- tenicollis* Rud., 1819a, 30, 258–259, 647 (in *Falco haliaëtus*; Mus. Wien).—Dies., 1851a, 237.—Linst., 1878a, 114; 1909, 57 (in *Pandion haliaëtus*).—Stoss., 1889l (m), 53 (18) (in *P. h.*; Wien).
- tridentata* Mol., 1860d, 651 (in *Felis concolor*, *F. tigrina*; Brazil, M. C. V.).—Cobbold, 1879b, 309.—Drasche, 1883b, 127, pl. 8 figs. 17–18.—Linst., 1878a, 31; 1889a, 14; 1889c, 239.—Shipley, 1905, 98 (in *F. pardus*).—Stoss., 1889l (m), 46 (11), pls. 2, 3 figs. 15, 34.
- torquata* Leidy, 1886c, 312 (in *Meles labradorica*; [America]); 1904a, 192.—Linst., 1889a, 16 (in *M. l.*).—Stiles & Hass., 1894c, 343 (in *M. l.*).—Stoss., 1889l (m), 54 (19).
- truncata* Schneid., 1866a, 60, 64, pl. 3 fig. 3 (in stom. *Phasianus gallus*; Brazil).—Anacker, 1887c, 514.—Fiebiger, 1912a, 291 fig. 210.—Geddes, 1911a, 130 (in chicken; B.).—Hass., 1896a, 6 (in *Gallus dom.*).—Land., 1882, 23.—Linst., 1878a, 122.—Neum., 1900a, 515.—Nev.-Lem., 1912a, 781.—Rail., 1893a, 476; 1915, 736 (in chicken); 1915, 494.—Stoss., 1889l (m), 49 (14).

PHYSALOPTERA—Continued.

- tumefaciens* Henry & Blanc, 1912, BS*Pe*, v. 5, 390-391 (in *Macacus cynomolgus*).—Seur., 1916, 143; 1917, CrSB, 210 (31).
- turgida* Rud., 1819a, 644 (in *Didelphys cayopollin*: Brazil).—Cobbold, 1879b, 433.—Dies., 1851a, 233 (in *D. myosurus*, *D. cancrivora*, *D. azaræ*).—Jægers., 1897b, 20.—Leidy, 1856b, 53; 1886e, 312; 1904a, 98 (s. *Spiropt. didelphidis-virginiana*) (in *D. virginiana*: Ga.). 192 (in *D. v.*).—Linst., 1878a, 64, 65 (in *D. a.*, *D. c.*, *D. nudicaudata*, *D. v.*).—Mol., 1860d, 644-645.—Par., 1900c, 196 (in *D. a.*: Buenos Aires).—Schneid., 1866a, 62, pl. 3 fig. 2.—Smith, 1968, 268 (in *D. v.*).—Stiles & Hass., 1894e, 343 (in *D. v.*).—Stoss., 1889l, 43 (8); 1902, 10 (in *D. crassicaudata*).
- varani* Par., 1889c, 776 (12), pl. 3 fig. 16 (in stom., *Varanus bengalensis*: Palon).—Linst., 1904f, 5.—Seur., 1916, 337; 1917, CrSB, 47-48, 52 (21-22, 26) (s. *paradoxa*, *quadrovaria*) (in *Chamaeleo vulg.*, *Cerastes cornutus*, *Varanus griseus*; Bou-Saâda).—Shipley, 1900, 560; 1905m, 846.—Stoss., 1900, 3.—Also reported for *V. indicus*.
- PHYSALOPTERIDÆ Leiper, 1908, 192.—Cast. & Chalm., 1913a, 521.—F., S., & T., 1916a, 375, 460.—Skrij., 1916, 80.
- PHYSALOPTERIDEA Dies., 1861a, 615.—Carus, 1863, v. 2, 460 (fam., contains *Physalopt.*).
- PHYSALOPTERINÆ Stoss., 1898, 88.—Hall, 1916a, 199 (of Rail. & Henry, pars so. *Spirurine* Rail., 1915); 1916, RM*v*, 521.—Nev.-Lem., 1906a, 281; 1908, 417.—Rail., 1915, 735; 1915, 494.—Rail. & Henry, 1912, 562.—Skrij., 1916, 523.
- PHYSOCEPHALUS Dies., 1861a, 619, 686-687 (mt. sexualatus) [not *Physocephala* Schin., 1861, dipt.].—Hall, 1916a, 218-219, 220 (type *sexualatus*).—Olss., 1869b, 488.—Rail. & Henry, 1911, BS*Pe*, 697.—Seur., 1914, CrSB, 347; 1914, CrSB, 1018; 1916, 322, 330, 339, 340.—Stiles, 1907b, 37.—Stiles & Hass., 1905b, 130.
- cristatus* (Seur., 1912) Rail., 1915, IVC, 735 (in dromedary); 1915, RM*v*, 494.
- gracilis* (Rud., 1819) Neiva, Cunha, & Trav., 1914, 187-188 (in *Bradypus tridactylus*).
- leptocephalus* (Rud., 1819) Neiva, Cunha & Trav., 1914, 186-187 (in *Bradypus tridactylus*).
- mediospiralis* (Mol., 1860) Hall, 1916a, 219-220, fig. 287 (in *Dasyprocta agouti*: Brazil); 1916b, 520.
- sexualatus* (Mol., 1860) Dies., 1861a, 686-687 (in *Sus scrofa fera*, *Dicotyles albirostris*).—Ciurea, 1912, Z*J*, v. 32, 285-294, 1 pl., 2 figs.—Cobbold, 1879, 407.—Hall, 1916a, 219, 220.—Hut. & Mar., 1913b, 477.—Rail., 1915, 735 (in donkey, dromedary, pig); 1915, 493.—Rail. & Henry, 1911, 697-698 (in porc; Annam).—Seur., 1913, CrSB, v. 75, 517-520, figs. 1-4 (in *S. s.*, *E. asinus*); 1914, 632; 1914, CrSB, 391; 1914, 67, 69; 1914, CrSB, 1018; 1915, CrSB, 561, 563, 564; 1916, Bs, 298, 299, 302, 306, 318, 325-328, 329, 348, 354, 355, 359, 362 figs. 4, 5, 13, 1. 3. 4 (s.? *Mastophorus globocaudatus*, *Spiropt.* (Fil.) *strigis*, *Trichina affinis*) (in *Ateuchus sacer*) (larva in *Scarabæus (Ateuchus) sacer*, *S. (A.) variolosus*, *Geotrupes douei*, *Ontophagus nebulosus*, *O. bedeli*; adult in l'âne, porc, dromadaire; Algeria).
- PHYSOLOPTERA Westwood, 1851, 645 (for *Physaloptera*).
- FIGURIS Schlotthauher, 1860, 126 (mt. reticulata).—Stiles & Hass., 1905b, 130.
- armatum* (Rud., 1802) Ward, 1895a, 340 (in *Equus cab.*).
- reticulata* Schlotthauher, 1860a, 126 (in colon, *Equus cab.*; Götting.).—Linst., 1878a, 56 (in *E. mulus*).—Ward, 1895a, 340 (in *E. c.*).
- PLAGIQRHYNCHUS Lüthe, 1911a, 10, 25-26 (mt. lanceolatus).
- lanceolatus* (Linst., 1876) Lüthe, 1911a, 27, figs. 29-31 (in *Charadrius dubius*, *C. hiaticula*, *Tringa alpina*).
- PLATYCOMA Cobb, 1894c, 399-401 (mt. cephalata).—Stiles & Hass., 1905b, 130.
- cephalata* Cobb, 1894c, 399-401, figs. 7, i-iv (in marine sand; Bay of Nap.).—Southern, 1914a, 33-34, pl. 7 figs. 22 a-c (Clew Bay).—Stiles & Hass., 1905b, 130.
- Plectiden* Buëtsch., 1873a, 92.

- PLECTOIDES** Man, 1904b, 43, 44-46 (subg. of *Plectus*).—Stiles & Hass., 1905b, 130 (type probably *patagonicus*).
- antarcticus* Man, 1904, EAB, 8-10, pl. 2 fig. 2 (sur une algue d'eau douce: près du Cap Van Beneden, Terre de Danco, Détroit de Gerlache) to *Plectus* (*Plectoides*?); 1904b, 44.—Menz., 1914, AN, 58.
- belgica* Man, 1904, EAB, 10-12, pl. 3 fig. 3 (sur une algue d'eau douce: près du Cap Van Beneden, Terre de Danco, Détroit de Gerlache) to *Plectus* (*Plectoides*?).—Menz., 1914, AN, 58.—Steiner, 1916, ZA, 313-315, figs. 1a-b to *Plectus* (*Plectoides*).
- patagonicus* Man, 1904b, 41-45, 6 figs. (in Dungballen von *Cryptotherium darwini*; from Patagonia) to *Plectus* (*Plectoides*).
- PLECTUS** Bast., 1865c, 93, 118-121 (tsd., Stiles & Hass., 1905b, 130, *parietinus*) [not *Plectus* for *Plectris* Lepell & Serville, 1825, *coleopt.*].—Aur., 1883, v. 8, 5.—Bos, 1891, 8.—Buëtsch., 1873a, 83-89.—Cobb, 1888a, 34; 1893a, 826-828 (49-51); 1893b, 265 (38-39).—Hofmæn., 1913, 622-623.—Jägers., 1909, 6, 22-23.—Man, 1876a, 145; 1876b, 68; 1912, 447.—Menz., 1914, 56-57.—Oerley, 1880a (b), 67, 68-69, 173 (55, 56-57, 161).—Rollest., 1870, 137.—Shipley, 1901b, 160.—Southern, 1909, v. 4, 91.—Stadelmann, 1891a (1892a), 19 (160).
- acuminatus* Bast., 1865c, 120, pl. 10 figs. 87-88 (in moss; Ing.).—Menz., 1914, AN, 58.—Oerley, 1880a (b), 76 (64) (so. *velox*).
- africanus* Daday, 1908, Mte, v. 26, 15-16, fig. 17a-b; 1910, v. 23, 49, pl. 2 figs. 23-24 (Kilima Ndjaro).
- antarcticus* Man, 1904, EAB, 8-10, pl. 2 fig. 2 (sur une algue d'eau douce: près du Cap Van Beneden) to (*Plectoides*).—Linst., 1907, AN, v. 2 (3), 172.—Steiner, 1916, ZA, v. 46, 313, figs. 1a-1b.
- armatus* Buëtsch., 1873a, 90-91, pl. 7 fig. 45 (on roots einer Walderdbeere; [Germany]).—Marcinowski, 1909, v. 7 (1), 46 (an den Wurzeln von Walderdbeeren).—Oerley, 1880a (b), 69, 72 (57, 60).
- assimilis* Buëtsch., 1873a, 93, pl. 8 fig. 54 (in Moos eines Baumstammes; by Buëtsch.).—Oerley, 1880a (b), 69, 77 (57, 65).
- auriculatus* Buëtsch., 1873a, 91, pl. 7 figs. 44a-b (in moss; Germany).—Hofmæn. & Menz., 1915, 177.—Jägers., 1909, 23, fig. 29.—Man, 1876a, 151-152; 1876b, 74-75, pl. 9 figs. 34a-b (Leiden).—Menz., 1914, AN, 56, 59, 60 (so. *otophorus*).—Oerley, 1880a (b), 69, 71 (57, 59).—Steiner, 1916, ZA, v. 46, 329; 1916, ZA, 343, 347, 348.
- belgica* Man, 1904, EAB, 10-12, pl. 3 fig. 3 to (*Plectoides*) (sur une algue d'eau douce: près du Cap Van Beneden).—Linst., 1907, AN (for 1901), v. 2 (3), 172.—Steiner, 1916, ZA, v. 46, 313-315, figs. 1a-1b?, to (*Plectoides*).
- blanci* Hofmæn. in Hofmæn. & Menz., 1914, ZA, 82-83, figs. 3-4 (Lac de Joux).—Hofmæn. & Menz., 1915, 172-173, pl. 6 figs. 17a-d.
- cephalatus* Cobb, 1893a, 828 (51) (about roots of moss; N. S. Wales).
- cirratus* Bast., 1865c, 119, pl. 10 figs. 81-82 (aquatic; Bagshot).—Brakenhoff, 1914, 293-294.—Ditlevsen, 1912, 238.—Hofmæn., 1913, 623.—Hofmæn. & Menz., 1915, 169-170.—Jägers., 1909, 23-24, fig. 30.—Krüeger, 1913, 118.—Man, 1876a, 146; 1876b, 69-70, pl. 8 figs. 30a-b (Leyden); 1907, 18.—Menz., 1914, ZA, 31, 34, 35, 40, 42, 57-58, 82.—Micol., 1913, 2, 7, 9, 11; 1914, ZJ, 454-461, pl. 11 figs. 7a-f, pl. 16 figs. 21a-h; 1915, ZJ, 261-262.—Oerley, 1880a (b), 69, 73 (57, 61), pl. 2 fig. 6.—Stefanski, 1916, ZA, 364, 368.—Steiner, 1916, v. 46, 314, 315; 1916, ZA, 342, 347.
- communis* Buëtsch., 1873a, 91-92 (Germany).—Hofmæn. & Menz., 1915, 174-175.—Jägers., 1909, 23, 25, fig. 34.—Man, 1876a, 150-151; 1876b, 73-74, pl. 9 figs. 33a-b.—Menz., 1914, ZA, 32, 34, 35, 41, 59, 82.—Oerley, 1880a (b), 69, 74 (57, 62).
- de mani* Oerley, 1880a (b), 69, 76, 174 (57, 64, 162), pl. 1 figs. 2a-d.
- fusiformis* Bast., 1865c, 121, pl. 10 figs. 95-96 (in moss on roof; Sandhurst).—Man, 1876a, 148-149; 1876b, 71-72, pl. 8 figs. 31a-e (Leyden).—Menz., 1914, 58.—Oerley, 1880a (b), 69, 74 (57, 62).
- geophilus* Man, 1880a, 52 (in moist soil; Holland); 1907, 20.—Hofmæn. & Menz., 1915, 174.—Menz., 1914, AN, 32, 59, 82, 83.—Steiner, 1916, ZA, 342-343.—
- granulosus* Bast., 1865c, 120-121, pl. 10 figs. 93-94 (at roots of oats; Broadmoor Berks).—Brakenhoff, 1914, 291-293, pl. 2 figs. 11-12.—Buëtsch., 1873a, 92-93, figs. 47a-c (an den Wurzeln von Pilzen und Moosen; Ing.).—Ditlevsen,

PLECTUS—Continued.

granulosus—continued.

1912, 234, 239, 243.—Hofmæn. & Menz., 1915, 168–169.—Man, 1876a (b), 145–146 (68–69), pl. 8 figs. 29a–c (Leyden).—Marcinowski, 1909, 41.—Menz., 1914, ZA, 56, 57, 58.—Micol., 1914, ZJ, 466–468.—Oerley, 1880a (b), 69, 71 (57, 59), pl. 2 fig. 5a–b.—Southern, 1914a, 6 (Clare Isl.).—Steiner, 1916, v. 46, 323, 324, 330, 331.

hawaiiensis Cobb, 1906, 165, 184–185 (about roots of diseased cane; Hilo, H. I.).

insignis Cobb, 1893b, 287–288 (38–39) (roots of plants; Australia).

intermedius Cobb, 1893a, 827 (50) (about roots of sugar cane; N. S. Wales).

longicaudatus Büetsch., 1873a, 92, pl. 6 figs. 38a–b (an den Wurzeln verschiedener Pilze: Ing.).—Brakenhoff, 1914, 294.—Man, 1876a (b), 149–150 (72–73), pl. 9 figs. 32a–c (Leyden); 1907, 18–19.—Oerley, 1880a (b), 69, 70, 174 (73, 78, 162), pl. 1 figs. 4a–b.—Steiner, 1916, v. 46, 329.

meridionalis Steiner, 1916, ZA, v. 46, 329–330, figs. 8a–b.

minus Cobb, 1893a, 826 (49) (in soil; N. S. Wales).

obtusicaudatus Daday, 1899, Mte, v. 17, 569–570.

ornatus Büetsch., 1873a, 94, pl. 7 fig. 41 (on moss roots; Germany).

otophorus Man, 1880a, 55–56, 74 (s. *auriculatus*) (in sand; Holland).—Hofmæn. & Menz., 1915, 175–176.—Menz., 1913, ZA, 412–413; 1914, ZA, 32, 56, 59–60, 82, 83, 90.—Steiner, 1916, ZA, v. 46, 329.

palustris Man, 1880a, 51.—Hofmæn., 1913, 624–625.—Hofmæn. & Menz., 1915, 171.—Jægers., 1909, 23, 24–25, fig. 32.

parietinus Bast., 1865c, 8, 118–119, pl. 10 figs. 79–80 (Broadmoor, Berks).—Brakenhoff, 1914, 293.—Büetsch., 1873a, 8, 89–90, figs. 17, 46a–c, 39, 52 (in moss, etc.; Germany).—Cobb, 1888a, 34; 1893a, 826 (49); 1893b, 256 (7) (in celery; Sydney).—Ditlevsen, 1912, 239, 243.—Hofmæn. & Menz., 1915, 173.—Marcinowski, 1909, 41.—Menz., 1914, AN, 37, 38, 39, 42, 57, 83.—Oerley, 1880a (b), 69, 72–73, 174 (57, 60–61, 162), pl. 1 fig. 3 (so. *ornatus*).—Stefanski, 1916, ZA, 368.

parvus Bast., 1865c, 120, pl. 10 figs. 89–90 (in moss; Falmouth).—Hofmæn. & Menz., 1915, 171–172.—Jægers., 1909, 23, 25, fig. 33.—Man, 1906, 160; 1907, 19.—Micol., 1913, 11; 1914, ZJ, 464–466.—Oerley, 1880a (b), 69, 73–74 (57, 61–63).—Steiner, 1916, ZA, v. 46, 329.

species Menz., 1914, AN, 36–41.

patagonicus Man, 1904b, 41–45, figs. 1–6 to (Plectoides) (in Dungballen von *Grypotherium darwini*; from Patagonia); 1905a, 316.—Linst., 1907, v. 2 (3), 172 to (Plectoides) (Patagonia).

pedunculatus Hofmæn., 1913, 625–626, pl. 15 fig. 6a–d (aquatic; Leman).—Hofmæn. & Menz., 1915, 168.

pusillus Cobb, 1893a, 826–827 (49–50) (about roots of moss; N. S. Wales).

rhizophilus Man, 1880a, 52–53 (in earth; Holland).—Brakenhoff, 1914, 294.—Ditlevsen, 1912, 239.—Hofmæn. & Menz., 1915, 173–174.—Menz., 1914, AN, 39, 42, 58, 83.—Steiner, 1916, ZA, 343, 348.

rivalis (Duj., 1845) Bast., 1865c, 121 (aquatic; Paris, Toulouse, Rennes).—Oerley, 1880a (b), 69, 75 (57, 63).

schneideri Man, 1880a, 48–49 (in moist soil).—Menz., 1914, AN, 56, 57.—Steiner, 1916, ZA, v. 46, 330.

species Büetsch., 1873a, 16, pl. 20 fig. 41; 94–95, figs. 48a–b (grass roots; Germany).

species Man, 1907, v. 7, 18–19 (in l'étang des Fonceaux).

species Man in Richters, 1908a, 199–202, figs. A–D (free; Victoria, N. S. Wales).

species Menz., 1914, AN, 36–41.

species Rollet., 1888a, 678.

species Stefanski, 1916, ZA, 368.

species Steiner, 1916, ZA, 348 (cf. *cirratus*; Jan Mayen); 1916, ZA, v. 46, 330–331, figs. 9a–c (free; Java).

tenuis Bast., 1865c, 119, pl. 10 figs. 83–84 (Sandhurst).—Brakenhoff, 1914, 294.—Hofmæn., 1913, 624.—Hofmæn. & Menz., 1915, 170–171.—Jægers., 1909, 23, 24, 25, fig. 31.—Micol., 1913, 11; 1914, ZJ, 461–464, pls. 16–17 figs. 22a–c; 1915, ZJ, 262–263.—Oerley, 1880a (b), 69, 75 (57, 63).—Plotnikov, 1901, 246.—Steiner, 1916, ZA, 339, 342 (Tunis).

PLECTUS—Continued.

- triplogaster* Oerley, 1880a (b), 69, 71, 174-175 (57, 65, 162-163).
tritici Bast., 1865c, 120, pl. 10 figs. 91-92 (in sheaths of leaves of wheat: Broadmoor, Berks).—Oerley, 1880a (b), 69, 75 (57, 63).
tubifer Cobb, 1914, TAMS, v. 33, 73, 87-88 (39, 54-55, 90), pl. 4 fig. 10 (Arlington, Va.).
velox Bast., 1865c, 119, pl. 10 figs. 85-86 (from moss: Falmouth).—Menz., 1914, AN, 58.—Oerley, 1880a (b), 69, 76, 175 (57, 64, 163).
- PLEUROMYARI Linst., 1905cc, 272 (division of Nematoda: 1907, v. 3, 4: 1909 (15), 47, 77 (contains Hystrichis, Trichoc., Trichosoma)).
- PLEUROMYRI Linst., 1905cc, 272 [for Pleuromyari].
- PLEURORHYNCHUS Rud., 1801a, 58 (for Pleurorinchus [not Pleuror. Phill., 1836, mollusk]; 1809a, 18.—Stiles & Hass., 1905b, 130.
- PLEURORINCHUS Nau, 1878a, 471-474, pl. 7 (type Ophiostoma sphaerocephalus, (in intest. Accipenser sturio; by Nau).—Blainv., 1828a, 540 (type O. s.)—Stiles & Hass., 1905b, 130.
- POLYDELPHIS Duj., 1845a, 221 (mt. Asc. anoura (subg. of Asc.).—Baird, 1853a, 27.—Schneid., 1866a, 42 (cf. Asc. rubicunda), 43 (cf. Asc. quadrangularis).—Stiles & Hass., 1905b, 130.
anoura Duj., 1845a, 221-222 to Asc. (P.) (in Python bivittatus: Paris Mus.).—Baird, 1853a, 27 (in Coluber corais) (to Asc.).
boddaërtii (Baird, 1861) Baylis, 1916, 416-417 (in Herp. todryas boddaërtii: W. Indies).
species Leiper, 1911, 620 (in Python; Zool. Gard. Lond.).
- POLYGORDIDE Moore, 1904b, 519-520; 1905a, 24.
- POLYGORDIUS Schneid., 1868a, 51 (type apparently lacteus [a complicated case of nomenclature, involving misdetermination]), pls. 2-3, figs. 1-14.—Bugge, 1902, ZJ, 218.—Cohn, 1907, 60, 61, 62.—Cori, 1902a, 361-365, 1 fig.—Giard, 1886b, 341-343.—Gœtte, 1884a, 82, 97, 99, 100, 103, 104, 105, 106, 114, 120, 122, 123, 125, 148, 152, 156.—Stiles & Hass., 1905b, 130.—Villot, 1878, 5.
lacteus (Rathke, 1843, of Schneid., 1866) Schneid., 1868a, 52-56, figs. 1-5 (s. Rhamphogord. lacteus Rathke of Schneid.).—Hemp Im., 1906, ZwZ, 527-618 (1-94), figs. 1-22), pls. 25-29 figs. 1-58: 1907, BIP, v. 5 (3), 128.—Stiles & Hass., 1905, 130.
purpureus (Schneid., 1866) Schneid., 1868a, 56-57, figs. 6-8 (Helgoland) [evidently not genotype].—Stiles & Hass., 1905b, 130.
species Schneid., 1868a, 52, 57-59, figs. 7-14 (Nizza).
tristinus Welterbeck in Hemp Im., 1906, v. 84 (4), 605-609, 611, figs. 22, 57-58 (free: Trieste).—Hemp Im., 1906, 1-94: 1907, v. 5 (3), 128.
villoti Perrier, 1875, 1101-1105 (free: Roscoff).—Villot, 1878b, 7.
- POLYMORPHUS Lühe, 1911a, 10, 27-28 (mt. minutus [not Polymorphis Roth, 1899, mammal; not Polymorpha Soldano, 1791, prot.]: 1912, ZJ, 286.—Skrj., 1913, 404.—Trav., 1915, Bm, 377 (3-4).
caryosoma Trav., 1915, 377 (4) (in Nyctanassa violacea: Brazil) [corrected in ink to caryosoma in reprint, p. 4].
corynoides Skrj., 1913, ZJ, 406-408, pl. 15 figs. 3, 6, pl. 16 figs. 7, 11 (in Anas boschas; Russian Turkestan).
magus Skrj., 1913, ZJ, 404-406, 407, 408, pl. 15 figs. 1, 4, 5, pl. 16 fig. 10 (in Fuligula rufiga; Russian Turkestan).
minutus (Zed., 1800a) Lühe, 1911a, 28-30, 51, figs. 32-35 (in Anas acuta, A. boschas, A. b. dom., Branta bernicla, Cygnus cygnus dom., Gallinula chloropus, Nyroca ferina, N. fuligula, N. marila, Oidemia fusca, Rallus aquaticus, Squatarola squatarola): 1912, ZJ, 276, 286.—Fiebiger, 1912a, 305.—Ritchie, 1915, 34, 39 (in Marca penelope, Gammarus pulex: Scotland).—Skrj., 1913, 404, 405, 406, 408 (in A. b. d.).—Trav., 1915, 377 (3).
mutabilis (Rud., 1819) Trav., 1915, 377 (3).
species Lühe, 1911a, 30, figs. 36-37 (in Fulica atra).—Trav., 1915, 377 (4).
species Skrj., 1913, ZJ, 408, fig. A (in Vanellus cristatus: Russian Turkestan).
striatus (Gœze, 1782) Trav., 1915, 377 (4).

¹ Schneid. examined original type specimen of Rhamphogordius lacteus and considers Polygord. distinct from Rhamphogord.

POLYMYAIRES Galeb, 1878b, 309, 311, 380 (for Polymyarii).

POLYMYARIИ Schneid., 1866a, 23, 28-29, 51, 199, 331 (contains: Ancyracanthus, Asc., Ceratospira, Cucullanus, Enoplus, Eustr., Fil., Hadruris, Hct., Physalopt.).—Cobbold, 1879b, 4. Linst., 1909, 63 (contains Hadruris).—Rollst., 1888a, 686.—Shipley, 1896a (1901b), 137.

POMPHORYNCHUS Mont., 1905d, 11 [no sp. given, type not clear]; in Porta, 1906a, 268, 269; 1907, 413 (cites E. proteus). Lühe, 1911a, 11, 50; 1912, ZJ, v. 1, 272, 273 (seemingly considers proteus as typical).—Van Cleave, 1917, v. 13(8), 237 (type is proteus=lævis).

lævis (Zoega, 1776) Porta, 1908, v. 3 (3), 225-232 (s. Echinor. proteus).—Bieker, 1913, 554-559, pl. 41 fig. 3 (in Barbus barbus, Gadus morrhua, Pleuronectes flus, Thymallus thymallus, Zoarcis viviparus; 1914, ZA, 415. Fehlmann, 1912, SFZ, v. 20, 126-131, figs. 1-2.—Fibbigar, 1912a, 306.—Lühe, 1911a, 50-53, figs. 68-71 (in Abramus vimba, Acerina carnua, Ac. schræter, Acipenser sturio, Alburnus alburnus, Anguilla anguilla, B. b., Coregonus wartmanni, Esox lucius, Luciscus cephalus, L. idus, Lotta lota, Lucioperca lucioperca, Perca fluviatilis, Pl. fl., Salmo fario, S. lacustris, Silurus glanis, Z. v.) (larva in Gammarus pulex; Gastrosteus aculeatus, G. pungitius, Gobio gobio, Leuc. phoxinus, Nemachilus barbatula, Osmerus eplanan, S. f., Tin. th., Tinca tinca); 1912, ZJ, v. 1, 227.—Riquier, 1909, CfB, v. 52 (2), 248-252, figs. 1-3 (s. E. proteus) (in Acip. st., Cobitis barbatula, Cottus gobio, E. l. G. a., Gobius fluv., Phoxinus lævis, T. vulg.); 1909, v. 20, 61-70; 1910, CfB, v. 46 (16), 500; 1910, BkW, v. 47 (18), 847; 1910, JRMS, (1), 37.—Van Cleave, 1916, JP, v. 2 (3), 107.

turbinella (Dies, 1851) Leiper & Atkinson, 1915, 3), pl. 2 fig. 10 (in humpback whale; Bay of Isl., New Zealand).

POMPONEMA Cobb, 1917n, May 8, 118 (tod. mt. mirabile).

mirabile Cobb, 1917n, 118, fig. 3 [in marine sand and mud; Woods Hole].

PONTAMONEMA Linst., 1878a, 349 (confusion of Potamonema and Pontonema).

marinum (Leidy, 1855) Linst., 1878a, 349.

mülleri (Dies, 1861a) Linst., 1878a, 349.

nitidum (Leidy, 1856), Linst., 1878a, 349.

PONTONEMA Leidy, 1855b, 144 (? tsd. vacillatum); 1856b, 49; 1904a, 78, 93.—Schneid., 1866a, 51.—Stiles & Hass., 1905b, 131.

marinum Leidy, 1855b, 144 (in oyster bed; Atlantic City, N. J.); 1856b, 49; 1904a, 78, 93.—Bast., 1865c, 174.—Dies., 1861a, 623.

mülleri Dies., 1861a, 623 (s. Anguilla marina).—Bast., 1865c, 174.

vacillatum Leidy, 1855b, 144 (beneath stones, between tides; Point Judith); 1856b, 49; 1904a, 78, 93.—Bast., 1865c, 174 (marine; Rhode Island).—Dies., 1861a, 623.—Linst., 1878a, 349.

PORROCÆCUM Rail. & Henry, 1912, BSPe, 256 (mt. crassum).—Skrj., 1916, 483.

crassum (Desl., 1824) Rail. & Henry, 1912, 256.—Rail., 1915, 734 (in duck); 1915, RMv, 491.

numidicum Seur., 1917, CrSB, v. 80 (2) 94-97 (27-30), figs. 1-3 (in Rana ridibunda; Algeria).

species Skrij., 1916, 483, fig. 15 (in Circus cineræus; Aoulie-ata).

POTAMONEMA Leidy, 1856b, 49 (mt. nitidum); 1904a, 93.—Schneid., 1866a, 51 (so. Enoplus).—Stiles & Hass., 1905a, 131.

nitidum Leidy, 1856b, 49 (in Schuylkill River; near Phila.); 1904a, 93, 131.—Bast., 1865c, 175 (in S. R., P.).

PRIONCHULUS Cobb, 1916, JP, 196 (tod. muscorum) (subg. of Mononchus); 1917n, 454.

longicollis Cobb, 1917n, 438, 454, 465, 466, fig. 39 to M. (P.) (about roots of pitcher plants and tamarack; Wisconsin).

muscorum (Duj., 1845) Cobb, 1916, 196; 1917n, 438, 439, 443, 454, 465, figs. 6, 7, 37 to M. (P.).

muscorum microlaimus Cobb, 1917n, 438, 465 (misprint macrolaimus), fig. 38 to M. [(P.)] (in Cladonia rangiferina; Wisconsin).

punctatus Cobb, 1917n, 438, 454, 464-465, figs. 36, 36a to M. (P.) (s. M. papillatus Bast. of Brakenhoff) (among roots of Alopecurus denticulatus and aquatic; Germany).

spectabilis (Ditlevsen, 1912) Cobb, 1916, JP, 196; 1917n, 435, 438, 454, 466, fig. 40 to M. (P.) (Hellerup, near Oresund, Denmark).

- PRIONODERMA** Rud., 1809a, 8, 30-31, 32, 43, pl. 12 fig. 2 (mt. ascaroides); 1810a, 254-256.—Blainv., 1828, 534-535.—Cuv., 1817a, 35.—Desch., 1824nn, 656-657; 1828g, 283.—Dies., 1850a, 609 (so. Pentastoma).—Duj., 1845a, 285.—Hémont, 1827a, 8.—Rail. & Henry, 1915, BSPE, 272, 273.—Stiles & Hass., 1905b, 131.—Westwood, 1851, 645.
- ascaroides* (Goeze, 1782) Rud., 1810a, 254-256, pl. 12 fig. 3 (s. *Cochlus armatus*, *Goezia armata*, *Tenia cucullanus*) (in stom., *Silurus glanis*; by Goeze).—Blainv., 1828, 534.—Duj., 1845a, 285-286.—Rail. & Henry, 1915, 272.—Cf. *Nematoideum siluri-glanidis*.
- lanceolata* (Blainv., 1828) Dies., 1850a, 610 (so. *Pent. tenioides*).—Anacker, 1890m, 506.—Baird, 1853a, 38 (so. *Linguatula rhinaria*).—R. Bl., 1890a, 261.
- rhinarium* (Pilger, 1803) Rud., 1810a, 358, 373 (see *Linguatula*).
- tenioides* (Rud., 1809) Rud., 1819a [123], 804 to *Pentastoma*.
- PRISMATOLAIMUS** Man, 1880a, 31-33 (tsd. intermedius): 1907, 38, 80.—Cobb, 1893b, 286-287 (37-38).—Hofmæn., 1913, 614-615.—Jægers., 1909, 5, 15.—Stiles & Hass., 1905b, 131.
- aquaticus* Daday, 1896, Mte, v. 14, 414.
- australis* Cobb, 1893b, 287 (38) (roots of plants; Australia).
- digitatus* Cobb, M. V., 1915, 45-46 (Douglas Lake, Mich.).
- dolichurus* Man, 1880a, 32-33 (in moist soil; Holland): 1907, 17.—Brakenhoff, 1914, 288.—Ditlevsen, 1912, 234-235, pl. 3 fig. 18.—Hofmæn., 1913, 615-616.—Hofmæn. & Menz., 1915, 153.—Jægers., 1909, 15, fig. 18.—Micol., 1914, ZJ, 431-433.—Steiner, 1916, ZA, 343.
- dolichurus bulbosus* Daday, 1896, Mte, v. 14, 413-414.
- hawaiiensis* Cobb, 1906, 165, 182-184, figs. 90, 91 (about roots of diseased cane; Hilo, H. I.).
- intermedius* (Büetsch., 1873) Cobb, 1893b, 286-287 (37-38), pl. 39 figs. 1-8 (in soil about banana plant; Fiji).—Hofmæn., 1913, 615.—Hofmæn. & Menz., 1915, 157.—[Man, 1880a, 31-33.]
- intermedius* (Man, 1880) Daday, 1905, Mte, v. 23, 325.
- macrurus* Daday, 1899, Mte, v. 17, 568-569; 1905, v. 23, 325.
- microstomus* Daday, 1905, Z, v. 18, 57-58, pl. 3 figs. 5-7 (fresh water; Paraguay); 1905, Mte, v. 23, 325-326.
- nodicaudatus* Daday, 1899, Mte, v. 17, 567-568.
- papuanus* Daday, 1899, Mte, v. 17, 567.
- stenurus* Cobb, 1914, TAMS, 73, 78-80 (39, 44-46 ss., pl. 3 fig. 4 (in roadside pool; Douglas Lake, Mich.).
- PROBOSCIDEA** Brug., 1791, 96 [type is in doubt] [not *Proboscidea* Les., 18—, worm; Latr., 1809, dipt., supergeneric; Ill., 1811, mammal, superg.; Spix., 1823, mammal; Schmidt, 1832, mollusk; Trosch., 1848, mollusk; *Proboscidea* Bory, 1824, rotifer.].—Bosc, 1802a, 43-44.—Cuv., 1798, 637-638.—Deslgch., 1824oc, 657; 1828f, 286.—Dies., 1851a, 19 (so. *Echinor.*).—Goldb., 1855a, 107.—Knoch, 1862d, 31.—Lam., 1801a, 340 (of Cuv., 1798).—Stiles & Hass., 1905b, 131, 132 (? type bifida).
- alex* (Muell., 1776) Brug., 1791a, 98, pl. 32 figs. 19-20 (in *Alca pica*).—Bosc, 1802a, 45.—Dies., 1851a, 336 (so. *Nematoideum alex-pica*).—Lühe, 1905b, 335 (of (Fabr.) Brug., to *Echinor.*); 1905, 165.—Rud., 1809a, 306 (to E.).
- bifida* (Fabr., 1780) Brug., 1791a, 97, pl. 32 figs. 9-10 (in *Phocagronlandica*).—Bosc, 1802a, 44, pl. 12 figs. 4-5.—Duj., 1845a, 274 (so. *Ophiost. dispar*).—Lam., 1801a, 340 (s. *Asc. bifida*).—Rud., 1809a, 119 (of Fabr., 1780 so. *Ophiost. dispar*), 248 (of Muell. so. *Lior. gracilescens*).
- gadi* (Zorga in Muell., 1776) Brug., 1791a, 98, pl. 32 figs. 15-16.—Baird, 1853a, 25 (so. *Asc. clavata*).—Bosc, 1802a, 45.—Dies., 1851a, 177 (so. A. c.).—Rud., 1809a, 183 (so. A. c.).
- marina* (Linn., 1767) Brug., 1791a, 98, pl. 32 figs. 21-23 (in maris littoribus Norvegiæ).
- pleuonectis* (Muell., 1776) Brug., 1791a, 97, pl. 32 figs. 13-14 (in *Pleuonectes platessa*).—Bosc, 1802a, 45.—Lühe, 1905b, 335.—Rud., 1809a, 311 (so. *Asc. pl.-platessoides*).
- rajæ* (Fabr., 1780) Brug., 1791a, 97, pl. 32 figs. 11-12 (in *Raja fullonica*).—Bosc, 1802a, 45.—Rud., 1810a, 270 (so. *Vermis dubius rajæ-fullonicae*).
- rubra* Bosc, 1802a, 45 (in stom., gade barbu; Muell., pl. 3 figs. 1-3).

PROBOSCIDEA—Continued.

tubifera (Fabr., 1780) Brug., 1791a, 97, pl. 32 fig. 8 (in *Phoca barbata*).—(rep., 1844a, 129.

versipellis (Muell., 1777) Brug., 1791a, 98, pl. 32 figs. 17–18 (in *Gadus barbatus*).—Baird, 1853a, 66 (= *Echinor. acus*).—Bosc, 1802a, 45 (in intest. of gade barbu).—Dies., 1851a, 40 (so. E. a.).—Lüthe, 1905b, 335 (= *E. candidus*).—Porta, 1905a, 171 (so. E. a.).—Rud., 1809a, 279 (so. E. a.).

PROBOSCIDEUS Bosc [nv.].—Raf., 1815a, 151 (genus of Filaridia).

PROBSTMAYRIA Rans., 1907f, 33–39 (tod. vivipara).—Gedöelst, 1911, 104.—Rail., 1916, RMv, 520.

viripara (Probstmayr, 1865) Rans., 1907f, 33–40, pl. 2 figs. 1–8 (in horse; U. S. A.); 1909, RMv, 336.—Gedöelst, 1911, 104, fig. 145 (in donkey, h.).—Pillars, 1911, VN, v. 8, 581–582; 1911, VR, v. 24, 210.—Rail., 1909a, 336; 1915, 736 (in d., h.); 1915, RMv, 494.

PROCTUEA Dies., 1851a, 4, 59 (subo. of Rhyngodea), 78 (subo. of Nematoidea); 1861a, 144.—Mol., 1858d, 144 (subo. of Nematoidea, for Gamonematoidea); 1861c, 275.—Polonio, 1860a, 227 (subo. of Cephalocotylea, contains Pentast.).—Schneid., 1866a, 26 (Dies.).

PROLEPTUS Duj., 1845a, 42, 105 (tsd. acutus) [not Prolepta Walk., 1851, hemipt.].—Ben., 1858a, 1861a, 269.—Linst., 1902a, 220 (s. *Coronilla. Histioc. Spiroptestina*); 1906, CfB, in 749–752, pl. 1; 1907, v. 2, 324.—Mol., 1857a, 151.—Oerley, 1885a, 104.—Schneid., 1866a, 79.—Stiles, 1907b, 37.—Stiles & Hass., 1905b, 30, 132 (type acutus).

acutus Duj., 1845a, 105 (in *Raja clavata*; Rennes).—Dies., 1851a, 206 (in *Raja c.*; R.).—Kröy., 1852–53a, 976 (in R. c.).—Linst., 1902a, 220 (a *Spiroptestina*).—Oerley, 1885a, 104.

gordioides Ben., 1858a, 1861a, 269–270, 337 (in *Galeus canis*; Ing.). 1870, 6, pl. iii fig. 10.—Oerley, 1885a, 104, 109 (in G. c.).

obtus Duj., 1845a, 105 (intest., *Scyllium catulus*; Cete, Mediterranean).—Dies., 1851a, 206.—Oerley, 1885a, 104.

robustus (Ben., 1871) Seur., 1916, 348.

tortus Linst., 1906, v. 41, 750–751 fig. 5 (in intestine, *Cistudo ornata*; Ing.).

PRONOMENIDA Mont., 1905d, 71 (order, contains *Echinorhynchidæ. Giganthorhynchidæ. Neorhynchidæ*).

PROSTHECOSA TER Gerv. & Ben., 1859b, 117 (misprint for Prosthecosacter).

PROSTENORCHIS Trav., 1915, Bm, v. 29, 105 (4) (tod. mt. elegans).

elegans (Olfers, 1819 [? Dies., 1851]) Trav., 1915, 105 (4) [Trav. gives *elegans* Olfers, 1819, as type, possibly lapsus for Dies., 1851].

PROSTHECOSA TER Dies., 1851a, 82, 322–325 (tsd. minor) (s. *Pharurus. Pseudalius. Stenurus. Str.*).—Carus, 1863, v. 2, 464 (s. *Ps. Sten.*).—Goldb., 1855a, 113.—Leuck., 1867b, 74.—Linst., 1889c, 235.—Mol., 1861, 13, 170–174.—Rail. & Henry, 1912, 566.—Schneid., 1866a, 126, 172.—Stiles & Hass., 1905b, 47, 132 (type minor).

alatus (Leuck., 1848) Dies., 1851a, 324–325 (in *Monodon monoceros*; Mus. Gœtt.); 1860, 719; 1861a, 717 (to *Pharurus*).—Cobbold, 1879b, 423.—Mol., 1861a (b), 602 (178) (in M. m.; M. G.).—Stoss., 1899d, 65 (11) (to *Pseudalius*).

convolutus (Kuhn, 1829) Dies., 1851a, 324 (in *Delphinus phocæna*; by Kuhn); 1861a, 719 (to *Stenurus*).—Baird, 1853a, 111 (in *Phocæna com.*).—Cobbold, 1858b, 167 (in D. p.; Firth of Forth); 1866b, 6 (in porpoise); 1876, 92, pls. 6–7; 1879b, 423, 424, figs. 70, 71.—Mol., 1861a (b), 601–602 (177–178) (in D. p.; Belgium).—Schneid., 1866a, 174.—Scott, 1909, 89.—Stiles & Hass., 1894e, 346 (in *P. phocæna*).

inflexus (Rud., 1809) Dies., 1851a, 323 (s. *Pseudalius filum*) (in *Delphinus phocæna*; M. C. V.). 1861a, 719 (to *Pseudalius*).—Baird, 1853a, 111 (in *Phocæna com.*).—Ben., 1858a, 1861a, 275, 277, 337, pl. 24 figs. 1–9.—Cobbold, 1858b, 167 (in D. p.; Firth of Forth); 1866b, 6 (in D. p.); 1879b, 423, 425.—Leidy, 1858a, 112; 1904a, 114.—Mol., 1861, 174–176, pl. 8 figs. 8–9.—Schneid., 1866a, 173.—Scott, 1909, 89.—Stiles & Hass., 1894e, 346 (in *P. phocæna*).—Stoss., 1899d, 64 (10) (to *Ps.*).

minor (Kuhn, 1829) Dies., 1851a, 323–324 (s. *Str. inflexus, S. vagans, Stenurus inflexus*) (in *Delphinus phocæna*); 1861a, 719, (to *Stenurus*).—Baird, 1853a, 110.—Cobbold, 1866b, 6 (in porpoise); 1876, 89; 1879b, 423, 425, 427.—Leidy, 1858a, 112; 1904a, 114.—Mol., 1861b, 176–177, pl. 8 figs. 10–11.—Scott, 1909, 89.—Stiles & Hass., 1894e, 346 (in D. p.).—Stoss., 1898c, 85 (to *Pseudalius*); 1899d, 63 (9) (to *Ps.*).

- PROSTHECOSACTERES** Dies., 1861a, 718 (phalanx 1 of Eustrongyliidea, contains Prosthecosacter).
- PROSTHENORCHINAE** Trav., 1915, Bm. v. 29, 137 (1) (subf. of Gigantorhynchidæ) (contains Prostenorchis).
- PROSTHENORCHIS** Trav., 1915, Bm. v. 29, 137 (1) (Prosthenorchinæ) [no sp. given] (see Prostenorchis).
- PROSTHORHYNCHUS** Kostylev, 1916, AMz Petrograd, 389-390 (type not determined) (Acanthocephali).
rossicus Kostylev, 1916, 392-393, figs. 5-7 (in Corbeau; Jekaterinoslav).
scolopacidis Kostylev, 1916, 390-392, figs. 1-4 (in Scolopax sp.: Lac Sankoul, Pichpek).
- PROTERACRUM** Rail. & Henry, 1913, BSpE. v. 6, 507 (subg. of Oesophagostomum, contains columbianum, radiatum) [combinations not made].
- PROTHELMINS** Linst., 1888a, 11-12 (mt. profundissima).—Stiles & Hass., 1905b, 132.
profundissima Linst., 1888a, 11-12, pl. 2 figs. 8-10 (free: Challenger Expedition).
- PROTOSPIRURA** Seur., 1914, CrSB, 344-347 (mt. tod. numidica) (Spiruridæ): 1914, Dec. 11, 524; 1914, CrAS, 1017, 1018; 1915, 14; 1916, 339.—Hall, 1916a, 40, 42, 191, 199, 203, 204, 207.
ascarioidea Hall, 1916a, 203, 207-212, 225, figs. 269-276 (in Geomys breviceps; Okla.).
labiodentata (Linst., 1899) Hall, 1916a, 203-204, 225, fig. 264 (in Mus navalis; Egypt).
muris (Gmel., 1790) Seur., 1915, CrSB, 565; 1916, 309-310, 348, 351, 354, 358 (s. Spiropt. obtusa) (in Tenebrio molitor): 1916, CrSB, 143-146 (s. Fil. obtusa, Spiropt. o.) (in Mus decumanus; Alger).—Hall, 1916a, 203, 204-207, 210, 225, figs. 265-268 (in Apodemus sylvaticus, Epimys alexandrinus, E. norwegicus, E. rattus, E. siporanus, Mus musculus: Europe, Africa, U. S. A.).
numidica Seur., 1914, CrSB, v. 77, 344-347, figs. 1-5 (in Felis ocreata; Sétif); 1914, 1016, 1017, 1018; 1916, CrSB, v. 79 (3), 143-146, figs. 1-5 (in Arvicanthis barbarus, F. o.): 1916, 308-309, 348, fig. 9 (in Chat ganté; Algeria); 1917, BSHnA, 21 (in F. o., Genetta afra bonapartei; Sétif, Alger).—Hall, 1916a, 203, 225.
- PROTOSPIRURINÆ** Seur., 1916, CrAS, 143.
- PROTOSTRONGYLUS** Leiper, 1908, RWRL, 191 (g. of Metastrongylinæ) [no sp. given here].
- PROTUCHA** Dies.—Goldb., 1855a, 107 (subo. of Rhynchodea), 128.—Mol., 1858, 144; 1861c, 275 (subo. of Nematoda).—Polonio, 1860, 227.—Schneid., 1866a, 26.
- PSEUDALIIDÆ** Rail., 1916a, 521.
- PSEUDALIINÆ** Rail. & Henry, 1909a, 85 (subf. of Strongyliidæ: 1910, v. 3 (5), 311; 1912, AdP, 563, 564, 566 (contains: Pseudalius, Prosthecosacter, Pharusus).
- PSEUDALINÆ** Rail. & Henry, 1912, 566 (see Pseudaliinæ).—Trav., 1914, 3.
- PSEUDALIUS** Duj., 1845a, 106, 134-135 (mt. filum) [not Pseudalus Schaus., 1896, ins.].—Althaus, 1864a, 9; 1864b, 362.—R. Bl., 1888a, 777.—Dav., 1863, 131.—Dengler, 1863, 20.—Dies., 1851a, 322 (so. Prosthecosacter: 1861a, 719 (subg. of Prosth.).—Fiebiger, 1912a, 224.—Leuck., 1868a, 510.—Linst., 1889c, 235; 1900c, 82.—Martini, 1908, 558.—McCrady, 1874a, 189.—Rail. & Henry, 1912, 566.—Rollst., 1888a, 676, 683, 686.—Schneid., 1866a, 30, 126, 127, 165, 172-173, 196, 241, 244.—Shipley, 1896a (1901b), 135, 142, 163.—Stiles & Hass., 1905b, 132.—Stoss., 1898c, 85; 1899d, 55, 63.
alatus (Leuck., 1848) R. Bl., 1895b, 129 (in cranial cavity, Monodon alatus.—Linst., 1888f, 15-17, pl. 16 figs. 1-6 (in M. monoceros; Greenland); 1906, v. 47, 114.—Shipley, 1905k, 98, 102 (in M. m.: G.A.—Stoss., 1899d, 65-66 (11-12) (in M. m.).
arcticus (Cobb, 1888) Linst., 1906 (1907), v. 47, 114.
bicoslatus Linst., 1906 (1907), v. 47, 114, fig. 7 (in Phocaena communis; Tillau).
capillaris Muëll., 1889a, 282-288, pl. 7 figs. 1-2 (s. Nematodeum ovis pulmonale, Pseudalius o. p.) (in Gemse, sheep).—Hut. & Mar., 1906a, 51; 1910l, 69.—Linst., 1896, 17.—Schlegel, 1899a, 139, 140, 141, 142.—Schneidem., 1896a, 317 (so. Ps. o. p.).

PSEUDALIUS—Continued.

- convolutus* (Kuhn, 1829) Schneid., 1866a, 174, pl. 12 fig. 8 (in *Delphinus phocaena*).—R. Bl., 1895b, 128.—Braun, 1891, 111.—Linst., 1906, v. 47, 114.—Martini, 1907, ZwZ, 1, 19.—Stiles, 1892f, 147.—Stoss., 1899d, 65 (11) (in *Globicephalus siveval*, *Phocaena* com.; Baltic).
- filum* Duj., 1845a, 135 (s. *Str. inflexus* Rud. pars, *S. inf.* Crep. pars, *S. major*) (in *Delphinus phocaena*: Mus. Paris).—Bail., 1866b, 83.—Baird, 1853a, 111 (so. *Prosthecosarus inf.*).—Dav., 1877a, 314 (in *Marsouin*).—Dengler, 1863a, 20 (in M.).—Dies., 1851a, 323 (so. *Pr. inf.*).—Schneid., 1866a, 126, 173 (so. *Str. inf.*).—Verrill, 1870, 173.
- gymnurus* Rail., 1899d, 129–130 (in *phoque commun* [*Phoca vitulina*]; Paris).—Linst., 1906, v. 47, 114.
- inflexus* (Rud., 1809) Schneid., 1866a, 166, 173–174, 196, 200, 213, 250, 300, pl. 12 fig. 10, pl. 16 fig. 12.—R. Bl., 1895b, 127–128 (of *Raspail*, 1829, in D. p.).—Braun, 1891e, 111 (in P. c.; Warnemünde).—Linst., 1880a, 49, pl. 3 fig. 15 (in *Delphinus phocaena*, *Phocaena* com.) [quotes Duj. as author of species]; 1893a, 312–313, 1 fig.; 1893b, 634 (development); 1894a, 1–32; 1906, v. 47, 114.—Martini, 1906a, 713; 1907, ZwZ, 1, 5, 19.—Müeh., 1898b, 10, 43–49 (in P. c.).—Rollest., 1888a, 679.—Stoss., 1899d, 64–65 (10–11) (in P. c.; Baltic, North Sea, American coast of Atlantic).—Reported for *Phocaena phocaena*.
- minor* (Kuhn, 1829) Schneid., 1866a, 174–175, pl. 12 fig. 7 (s. *Stenurus inflexus*) (in *Delphinus phocaena*).—R. Bl., 1895b, 128.—Linst., 1880a, 48, pl. 3 figs. 13–14 (in D. p., *Phocaena* com.); 1889c, 235–238, pl. 16 figs. 1–8 (in P. c.); 1906, v. 47, 114.—Martini, 1906a, 704; 1907, ZwZ, 1, 3, 9, 13, 19, 28, 38, pl. 1 figs. 1–49, pl. 3 figs. 82b–c; 1908, v. 32 (19), 552.—Müeh., 1898b, 49 (in P. c.).—Müell., 1889a, 292 (in D. p.).—Stoss., 1897, 6–7; 1898c, 85 (in *Grampus griseus*; Fasana); 1899d, 63–64 (9–10) (in P. c., G. g.; Prussia, F.).
- osleri* (Cobbold, 1879) Rail., 1915, IVC, 744 (in dog); 1915, RMv, 505.
- oratus* Linst., 1910, CfB, v. 55 (2), June 24, 133–135, figs. 1–3 (in *Delphinus tursio*; Portoferraio, Elba).
- ovis* Brown, 1897a, 21, 23, 30–33 (in sheep) (apparently for *o. pulmonalis*), fig. 12.—Wing, 1898a, 167, 168–169 (in lungs of sheep).
- ovis pulmonalis* (Dies., 1851) Koch, 1883a, 9–19, pl. 2 (in *Ovis aries*; Austria).—Brown, 1897a, 31, 32, 33 (in O. a.).—Dewitz, 1892b, 135, 167, 170, 173–177, figs. 103, 132–137.—Fiebiger, 1912a, 261.—Hall, 1916a, 166 (so. *Synthetocaulus rufescens* Leuck.); 1916, RMv, 519.—Hut. & Mar., 1906a, 54; 1910b, 69.—Kästenbaum, 1899, 249 (in s.).—Motz, 1886b, 613 (*Pseudulius*).—Laulanie, 1886a, 85.—Rail., 1884e, 161 (so. *Str. rufescens*); 1888c, 101 (so. S. r.); 1893a, 427 (so. S. r.).—Rickmann, 1908, 208.—Schlegel, 1899a, 139, 141, 142.—Schneidm., 1896a, 317–318 (s. *capillaria*, S. r., S. o. p., *Nematoideum o. p.*) (in goat, Gemse, Rehe, sheep).—Stoss., 1899d, 91 (37) (so. S. r.).—Wing, 1898, 167, 168.—Ward, 1895, 305 (so. S. r.); 1895, 337 (in O. a.).
- pubis* Dolley, 1894a, 1006 (quotes Dav., apparently lapsus for *trichina* 1863) (so. *Trichina spiralis*) (in cat, dog, Homo, mouse, rat).
- pulmonalis* (Cobbold [nv.]) Rail., 1916, RMv, 519.
- trichina* Dav., 1863a, 117–142 (in Homo); 1863b, 58–59, 75–78, 130–131, 174–177 (for *Trichina spiralis*).—Althaus, 1864, 9; 1864, 362.—Bail., 1866b, 83.—R. Bl., 1888a, 787.—Brumpt, 1913a, 479.—Cobbold, 1866a, 5 (so. T. s.).—Dengler, 1863a, 20 (in H.).—Dunlison, 1893, 922; 1895a, 922 (s. T. s.).
- tumidus* Schneid., 1866a, 174, pl. 12 fig. 9 (in *Delphinus phocaena*; Kiel).—Linst., 1906, v. 47, 114.—Martini, 1907, ZwZ, 119.—Müell., 1889a, 291 (says n. sp. but quotes Schneid., 1866a, 174) (in D. p.).—Stoss., 1899d, 66 (12) (in *Phocaena* com.; Kiel).

PSEUDOECHINORHYNCHUS Gøze, 1782a, 41 (*Tænia hæruca* Pall.), 138–139, pl. 9 fig. 12 (s. see *muris*, cf. *Cystic. fasciolaris*).—Deslgch, 1824pp, 657.—Dies., 1851a, 54.—Duj., 1845, 502.—Looss, 1902m, 756.—Lühe, 1904, 250, 335; 1905b, 225, 260, 335 (= *Echinor. hæruca. hæruca muris*) (so. C. f.).—Rud., 1809a, 19, 302; 1819a, 76 (= *Echinor. muris*).—Schneid., 1866a, 11.—Slawikowski, 1819b, 56 (*Pseudoechinorhynchus*).—Stiles, 1905z, 28; 1906a, 36; 1906a, 43.—Stiles & Hass., 1905b, 132.—Stiles & Stev., 1905a, 7, 11.—Westrumb, 1821a, 39 (= E. m.).

PSEUDOECHINORHYNCHUS Lam., 1801a, 336.—Slawikowski, 1819b, 56 (for *Pseudoechinorhynchus*).

- PSEUDOMERMIS** Man, 1903, 61 (? mt. zikoffi) [nv.].—Corti, 1906, v. 19 (20), 628.—Daday, 1911, v. 19, 490; 1913, 244, 256.—Linst., 1903, CfB, 530.—Stiles & Hass., 1905b, 132.—Zykov, 1903a, 61.
- pusilla* Linst., 1906, v. 3 (2), 248, pl. 5 figs. 25, 26 (in insects; Nyassa-See, Langenburg, D. Ost-Afrika).—Daday, 1913, 224, 256.
- zikoffi* Man, 1903, 61 [nv.].—Daday, 1913, 216, 218, 224, 231, 235, 237, 256–257.—Linst., 1904o, 490–491.—Zykov, 1903a, 61–64, pl. 1 figs. 1–4.
- PSEUDONYMUS** Dies., 1857a, 10 (mt. spirotheca).—Rail. & Henry, 1916, CrSB, 114 (type s.) (syns., Ptychocephalus, Helicothrix).—Stiles & Hass., 1905b, 132.
- spirotheca* (Györy, 1856) Dies., 1857a, 9–10.—Rail. & Henry, 1916, 114.
- PSEUDORHABDITIS** Perronc., 1880y, 267, 279 (mt. stercoralis); 1881w, 499–519, pl. 19 figs. 1–8 (mt. Anguillula stercoralis).—Braun, 1895b, 215 (=Strongyloides).—Cast. & Chalm., 1910a, 404; 1913a, 519.—Rail., 1893, 556 (so. S.).—Rans., 1911a, 104 (so. S.).—Sl. & Sw., 1912a, 367.—Stiles & Hass., 1905b, 132.
- intestinalis* (Bavay, 1877) Perronc., 1881w, 504, 507, 512–515.—Brumpt, 1910a, 430; 1913a, 491.—Linst., 1905n, 533 (to Strongyloides).
- stercoralis* (Bavay, 1876) Perronc., 1880y, 267–285, figs. 33–36; 1881w, 499–519, pl. 19 figs. 1–8; 1912, 51–71, figs. 1–4, pl. 29.—Braun, 1903a, 255; 1908a, 288; 1915a, 298.—Brumpt, 1913a, 491.—Cast. & Chalm., 1910a, 404; 1913a, 519.—Dollfus, 1912, BSzF, 25.—Golgi & Monti, 1885a, 56.—Looss, 1905, 189 (to Strongyloides).—Rail., 1893a, 557.—Silvestri, 1895, 33.—Ward, 1895, 323; 1895, 331; 1903, 208.
- PSEUDORHABDITIS** n. g. Szűets, 1912, 98 (mt. entzi) [nv.].
- entzi* Szűets, 1912, v. 11, 81–84, figs. 1–8 (parasitic) [nv.].
- Pseudostrongyles** Leiper, 1912, JLSTM, 117.
- PSEUDOSTRONGYLUS** Cast. & Chalm., 1913a, 561 (of superl. rank, contains Eustrongylidae).
- Pseudo-trichinae** Huber, 1896a, 620 (see under Trichina, not used in generic sense but as false trichinae).
- PSEUDULIUS** Motz, 1886b, 613 (misprint for Pseudalius).
- PTEROCEPHALE** Dies., 1851a, 144 (contains Oxyercæ & Euascaridae, 663–666, 172.—Mol., 1861c, 279 (91) (section of Ascaris).
- PTEROCEPHALUS** Linst., 1899b, 12–13 (mt. viviparus) [not Pterocephalus Schneid., 1887, protozoon; Raw, 1908, arachn.; not Pterocephala Swains., 1839, fish].—Stiles & Hass., 1905b, 132.
- viviparus* Linst., 1899b, 12–13, pl. 2 figs. 22–24, 26, 27, pl. 4 fig. 41 (in Equus böhm; Oberer Bubue, E. Africa; 1901b, 414 (in E. crawshayi).—Rail. 1909a, 336 (to Crossocephalus).
- PTERYGIFER** Linst., 1907, v. 3 (3), 255 (mt. tetrapteryx).
- tetrapteryx* Linst., 1907, v. 3 (3), 255, pl. 7 fig. 13 (in Synbranchus marmoratus; Argentine).
- PTERYGIDERMATITES** Wedl, 1861b, 464 (mt. plagiostoma) (g. of Cheiracanthidea).—Stiles & Hass., 1905b, 132.
- macdonaldi* Bell, 1881, ZR (for 1880, Verm., 6, 7 to [Rictularia] (for macdonaldii).—Jägers., 1909 (25), 21–22 (to Rictularia).—Linst., 1889a, 8 to Ophiost. (Pl.).
- macdonaldii* Dobs., 1880b, 412–414 (in Megaderma frons; from Cape-Coast Castle); [1880, Nature, v. 22, 533 (in M. f., Gold Coast)].—Jägers., 1909 (25), 22.—[Macdonald, 1880, AMNH, v. 6, 409–411, pl. 21 figs. 1–9.]
- plagiostoma* Wedl, 1861b, 464–466, 481, pl. 1 figs. 5–11 (in Erinaceus auritus; Egypt).—Cobbold, 1879b, 296 (in E. a.; Egypt).—Jägers., 1909 (25), 31 (to Rictularia).—Will.-Suhm, 1873a, 331 (to R.).
- PTYCHOCEPHALIDEA** Dies., 1861a, 637 (fam., contains Ptychoc.).
- PTYCHOCEPHALUS** Dies., 1861a, 614, 637–638 (mt. spirotheca) [not Ptychoc. Ag., 1843, fish].—Rail. & Henry, 1916, CrSB, 114 (so. Pseudonymus).—Schneid., 1866a, 116 (so. Oxyuris).—Stiles & Hass., 1905b, 133.
- spirotheca* (Györy, 1856) Dies., 1861a, 638 (in Hydrophilus piceus; Wien).—Schneid., 1866a, 119.
- PYCNOPHYES** Zelinka in Southern, 1914a, 69 (Homalorhagæ, Pycnophyidae).
- calmani* Zelinka, in Southern, 1914a, v. 31 (54), 69–70 (Clew Bay).
- dentatus* (Reinhard, 1881) Southern, 1914a, 69 (Clew Bay).
- zelinkæi* Southern, 1914a, 70–71, pl. 12 figs. 33 a–g (Clew Bay).

- QUILONIA** Lane, 1914, IJMR, 391-392 (tod. *quilona*) (Strongylidæ).
quilona Lane, 1914, 392, figs. 43-51 (in *cecum*, *Elephas indicus*; India): 1915, IJMR, 106 (so. *Evansia renniei*).
travancera Lane, 1914, IJMR, 393-394, figs. 52-58 (in *Elephas indicus*; India): 1915, 106 (to *Evansia*).
- Rabdonemiasis** Sons., 1891m (n), 47-56 (1-10) (name of disease caused by *Rhabdonema intestinale* Bayay).
- RAMPHOGORDIUS** Rathke, 1843a, 237-238 (mt. *lacteus*).—Ag., 1846, 320, 322 322 (*Rhampfogordius*).—Stiles & Hass., 1905b, 133.
lacteus Rathke, 1843a, 238, pl. 12 fig. 16 (bei Molde).—Stiles & Hass., 1905b, 133.
- RANSOMEÆ** Hall, 1916a, 107, 115, 116 (tribe) of Strongylinae: contains *Ransomus*; 1916b, 518.
- RANSOMINÆ** Rail., 1916, RMv, v. 92, 518.
- RANSOMUS** Hall, 1916a, 115, 116 (tod. *rodentorum*).
rodentorum Hall, 1916a, 116-120, figs. 142-148 (in *Thomomys fessor*; Colo.); 1916b, 518.
- RAPHIDASCARIS** Rail. & Henry, 1915, BSPE, 271 (tod. *acus*).
acus (Bloch, 1779) Rail. & Henry, 1915, 271 (du brochet) (combination not made).]
- Renales** Gøze, 1782a, 39, 73 (used under *Asc. gigas*, but not in combination; probably not as generic name).
- RESORBENTES** Linst., 1905cc, 272 (division of Nematoda); 1906, v. 2 (7), 270; 1907, v. 3, 3; 1909 (15), 48, 71 (contains *Angiost.*, *Disph.*, *Eustr.*, *Fil.*, *Hedruris*, *Ichthyonema*).—Rail. & Henry, 1911, 576.
- RHABDIAS** Stiles & Hass., 1905b, 123, 150 (tod. *bufonis* = *nigrovenosa*).—Rail., 1916, RMv, v. 92, 517.—Seur., 1916, 342.
bufonis (Schränk, 1788) Stiles & Hass., 1905b, 150 (= *Asc. nigrovenosa*).—Leiper, 1911, PZSL, 620 (in giant toad).
dujardini (Maupas, 1916) Seur., 1916, 342.
entomelas (Duj., 1845) Seur., 1916, 342.
- RHABDIASIDÆ** Rail., 1915, IVC, 736 (contains *Strongyloides*): 1915, RMv, 494.—Hall, 1916a, 6 (so. *Angiostomidæ* Braun, 1895): 1916b, 517.—Mordw., 1908, 141, 146, 147, 152, 169, 173, 174, 175.
- RHABDIASOIDEA** Rail., 1916, RMv, v. 92, 517.
- RHABDIDIS** Daniels & Stanton, 1907a, 350 (misprint for *Rhabditis*).
- RHABDIS** Daniels, 1914a, 74 (misprint for *Rhabditis*).
- RHABDITES** Burgess, 1911, 71 (for *Rhabditis*).
- RHABDITIDÆ** Oerley, 1885, MtK, 40.—Mordw., 1908, AMz Petrograd, v. 13, 141, 146, 147, 152, 169, 173, 174, 175.—Rail., 1915, RMv, 748; 1916, RMv, 517.
- Rhabditiden** Peiper & Westphal, 1888a, 145-147; 1888b, 519.—Frese, 1907, MmW, v. 54, 512-514 (in stom., *Homo*); 1907, v. 2 (11), 436; 1907, v. 45 (29), 491; 1908, v. 41 (19-21), 12; 1909, v. 18 (14), 568.
- RHABDITIFORMÆ** Oerley, 1882b, 308 (subo. of Nematoda); 1885, MtK, v. 21 (1), 39 (subdivision of Nematoda; contains *Rhabdonemidæ*, 77 (*Rhabditiformæ*).—Shipley, 1896a (1901b), 137 (biological group).
- RHABDITIS** Duj., 1845a, 230, 239-243, 653 (s. *Tribactis*) (sd. *terricola*, see Bast. 1865c) [not *Rhabdites* Hann, 1825, mollusk].—Albrecht, 1911, v. 10, 370-374, pl. 1.—A., D., & E., 1901b, 8.—Assénova, 1899, 13, 94, 120.—Baginsky, 1887b, 604; 1887c, 795 (in urine).—Ben., 1866, 213, figs. 1-6.—R. Bl., 1895, 474.—Bos, 1891, 8.—Braun, 1883a, 159, 185; 1895b, 212; 1903a, 252, 253; 1906a, 88, 275; 1908a, 285, 287; 1915 a, 296.—Brumpt, 1910a, 333, 427; 1913a, 490.—Büetsch., 1873a, 95-104.—Cast. & Chalm., 1910a, 403; 1913a, 518.—Cobb, 1893a, 830-833 (53-56); 1893b, 265, 276-279, 305 (7, 27-30, 39), pl. 3 figs. 1-3; 1917n, 452.—Conte, 1900a, 374-375; 1900b, 375-376.—Daniels & Stanton, 1907a, 350 (*Rhabdidiis*).—Dav., 1877a, xcii-xciii.—Ditlevsen, 1912, 215.—Duerken, 1915, v. 45, 241-246, fig. 1.—F., S., & T., 1916a, 378.—Frese, 1907, MmW, v. 54, 1-99; 1908, v. 41 (19-21), 664-665 (in stomach).—Galeb, 1878b, 300.—Gedölst, 1911a, 103.—Göette, 1884a, 66, 82, 110, 111, 116.—Guercio, 1915, v. 32, 453.—Hempel., 1912a, 110.—Hofmæn., 1913, 626-627.—Huber., 1898a (clinical bibliog.).—Jägers., 1909, 6, 26.—Johns., 1913, v. 53, 605-652, pl. 1 figs. 1-2.—Krüger, 1912, ZA, v. 40, 233-237, figs. 1-12.—Leuck., 1867b, 45, 87, 121, 131, 154; 1868a, 406, 435, 438;

RHABDITIS—Continued.

- 1876a, 696; 1879a, 4, 71, 124, 125, 127, 129, 132; 1886d, 2, 54, 61, 89, 94, 95, 96, 97, 98, 101, 161, 267.—Linst., 1906, v. 24, 1-20, pl. 1; 1909a, 81.—Looss, 1892a, 37, 38, 40; 1905b, 73; 1911a, 216, 217, 218, 219, 232, 250, 255, 346.—Man, 1876a, 153; 1876b, 76; 1912, ZJ, 440, 447.—Maupas, 1915, BSHnA, 34-49, figs. 1-13; 1916, v. 79 (13), 607-613, figs.—Maupas & Seur., 1916, 614.—Metcalf, 1903, v. 24, 89-102, pl. 1.—Michel, 1902a, 907-910; 1905a, 45.—Moniez, 1891e, 470-473; 1891f, 1-4 (nymphs); 1896a, 299.—Müell., 1884a, 35-37.—Neuhaas, 1903, v. 37, 653-690, pls. 1-3 fig. 1.—Nev.-Lem., 1904a, 97; 1906a, 313; 1908a, 420; 1912a, 654, 834.—Oerley, 1880a, 67, 82-85, 176; 1885, MtK, v. 21 (1), in 1-134, pls. 1-6; 1887a, 268 (medical importance).—Olss., 1869b, 482.—Perez, 1866a, 152, 153, 154, 155, 189, 190, 229.—Petit, Henry, & Germain, 1910, v. 67, n. s., v. 35 (4), 234 (pseudotuberculosis in horse).—Potts, 1908, v. 14, 373-375; 1909, 187.—Pratt, 1916a, 157.—Rail., 1893a, 459 (s. Leptodera, Pelodera); 1896, 161; 1899l, 1273; 1900e, 106; 1916, RMv, 520.—Rawitz, 1897a, 830.—Schneidem., 1896a, 304.—Schneid., 1866a, 51, 148, 154.—Shipley, 1896a (1901b), 154, 160.—Southern, 1909, v. 4, 91, 92.—Stiles, 1901p, 529; 1902, 193; 1903l, 24; 1914, MM, v. 2, 271, 295.—Sl. & Sw., 1912a, 365-366.—Stiles & Hass., 1905b, 45-46, 134.—D'Udekem, 1859, 14.—Verdun, 1907a, 321.—Vernet, 1872a, 60-75.—Ward, 1916, 678.—Züern, 1882a, 278.—See also Rhabdidiis.
- aberrans* Krueger, 1912, ZA, v. 40, 233-237, figs. 1-12 (in moist soil; by Krueger); 1913, ZwZ, v. 105, 87-124, pls. 3-6 figs. 1-73.
- aceti* (Müell., 1783) Duj., 1845a, 242.—Bail., 1866b, 28.—Dav., 1865c, 259-262; 1865d, 88-89.—Perez, 1866a, 168, 189, 201, 218.—Schneid., 1866a, 148.
- acris* Bast., 1865c, 130-131, pl. 10 figs. 68-70 (in sandy soil about rootlets of wheat; Broadmoor, Berks.).—Marcinowski, 1909, v. 7 (1), 40 (an Weizenwurzeln).—Oerley, 1880, 85, 92; 1885, 66.
- acuminatus* d'Udekem, 1859a (b), 554-560, 566 (5-11, 17), pl. 1 figs. 1-12 (in Julius terrestris; by d'Udekem).
- agilis* Linst., 1876a, 14-15, figs. 36, 37 (humusreicher Sandboden; Ratzenburg).—Oerley, 1880(b), 85, 94; 1885, MtK, v. 21 (1), 58.
- angiosoma* (Schneid., 1866) Oerley, 1880a(b), 85, 86 (73, 74; 1885, MtK, 68.—Mordw., 1908, 147 to (Leptodera).
- appendiculata* (Schneid., 1859) Leuck., 1876a, 704 to (Leptodera (quites Claus); 1879a, 126, 127, 129; 1886d, 96, 97, 98.—Fuchs, 1915, ZJ, 193.—Oerley, 1880a(b), 85, 86 (73, 74).
- aquatica* Micoll, 1913, SAW Wien, 546-547 (am Flachstrand d. Faistenawer Hintersees; Ost-Alpen); 1913, 11; 1914, 468-470, pl. 17 figs. 23a-d.
- aspera* Büetsch., 1873a, 113-114, pl. 11 figs. 53a-e (in faulenden Runkelrüben; by Büetsch.).—Hewitt, 1913, 147, 150, figs. 9, 10.—Oerley, 1880, 85, 94; 1885; MtK, 54, pl. 2 figs. 1-9.—Southern, 1909, v. 4, 94.
- australis* Cobb, 1893b, 278 (29) (on grass; Australia).
- bicornis* Zimmermann, 1898, v. 27, 50-51 fig. 16 (on coffee roots).—Faber, 1909, CfB, v. 23 (6-9), 218-219 (on coffee roots; Java).
- bioculata* M. Schultze in Carus, 1857a, pl. 8 fig. 2.—Büetsch., 1873a, 7.
- brassicae* Southern, 1909, JEB, v. 4, 91-95, pl. 8 figs. 1-6 (in turnip; Westmeath; Ireland); 1910, (1), 36.
- brevispinu* (Claus, 1862) Büetsch., 1873a, 104-105, pl. 55.—Brakenhoff, 1914, 294-295.—Ditlevsen, 1912, 239-240.—Hofmaen., 1913, 627, pl. 15 fig. 9.—Hofmaen. & Menz., 1915, 177.—Looss, 1911a, 249, 366.—Marcinowski, 1909, 41.—Metcalf, 1903a, 19-102; 1904b, 654.—Moniez, 1889r, 507 (in Geotrupes); 1891i, 62.—Oerley, 1880a (b), 85, 89; 1885, MtK, 49-50, pl. 3 figs. 6-12.
- bütschii* Oerley, 1885, MtK, 59 (misprint for bütschlii).
- bütschlii* Man, 1876a (b), 154-156 (77-79), pl. 9 figs. 36a-d (tree; Leyden).—Oerley, 1880a (b), 85, 91; 73, 79; 1885, MtK, 59 (bütschlii).—Silva Araujo, 1878b, 53.
- calosomitis* Cobb in Burgess, 1911, 71 (in Carabus monilis (Rhabdites) (nomen nudum except for host).
- causanti* Maupas, 1909a, 494-506, pl. 17 figs. 1-11, pl. 18 figs. 1-2 (in intest., Arion empiricorum ater; Normandy).—Krueger, 1913, ZwZ, 98, 99, 100, 101.—Seur., 1916, 364 (in A. e. a.; Vire, France).
- clausii* Büetsch., 1873a, 118-119, pl. 10 figs. 62a-b.—Oerley, 1880a (b), 85, 95-94; 1885, MtK, v. 21 (1), 64.

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- coarctata* Leuck., 1891a, 54-56 (on *Aphodius fimentarius*; by Leuck.: 1892a, 117 (on A. f.).—Moniez, 1891e, 472.
- cornwalli* Cobbold, 1879 [n.v.].—R. Bl., 1887e, 168.—Braun, 1895b, 213 (so. terricola).—Moniez, 1896a, 304 (so. t.).—Stiles, 1907, 610.—Ward, 1903, 208 (so. *Leptodera terricola*).
- coronata* Cobb, 1893b, 279, 305 (30, 56), pl. 38 figs. 1-2 (in banana plant: Fiji).—Man, 1895, 81-85, fig. 2.—Maupas, 1900 (3), v. 8, 536-541, pl. 21 figs. 9-11, pl. 22 figs. 1-3 (in terres grasses; Algeria).
- curvicauda* Oerley, 1880a (b), 85, 90 (78) for *curvicaudata*.
- curvicaudata* (Schneid., 1866) Oerley, 1885, MtK, v. 21 (1), 50.
- dentata* (Schneid., 1866) Oerley, 1880a (b), 85, 91 (79); 1885, MtK, 67.—Man, 1894, v. 7, 367.
- diplopunctata* Cobb in Burgess, 1911, 71 (in *Carabus monilis*) (*Rhabdites*) (nomen nudum except for host).
- dochmii-trigonocephali* Scheiber, 1880a, 173 (embryo of *Doch. trig.*).
- dolichura* (Schneid., 1866) Büetsch., 1873a, 115-116, figs. 61a-b (Germany); 1876, 231-236, 392.—Cobb, 1888a, 28, 34.—Galeb, 1878b, 362 (quotes Büetsch., 1873, 115, 116).—Maupas, 1900, (3), v. 8, 531-536, pl. 20 figs. 14-15, pl. 21 figs. 1-8 (in terreau; Algeria, Hungary, Germany).—Krüger, 1913, ZwZ, 98.—Oerley, 1880a(b), 85, 88-89; 1885, MtK, 64.
- dryophila* (Leuck., 1887) Brand., 1888a, 5.—Man, 1910, 360.¹
- duthiersi* Maupas, 1900a, 513-518, pl. 18 figs. 12-13, pl. 19 figs. 1-7 (in terreau noirâtre; Edough near Bône).—Southern, 1909, v. 4, 94.
- elegans* Maupas, 1900a, 477-494, pl. 16 figs. 1-11, pl. 17 figs. 1-3 (in humus gras; Algeria).—Johns., 1913, 636.—Southern, 1909, v. 4, 93.
- elongata* (Baird, 1853) Oerley, 1885, MtK, 67.
- elongata* (Schneid., 1866) Oerley, 1889a (b), 85, 92 (80); 1885, MtK, 52, pl. 4 figs. 1-3.—Looss, 1911a, 595, pl. 13 figs. 137-140.
- feculorum* Dies., 1851a, 136, 556 (to *Anguillula*) (for *feculorum*).
- feculorum* Guer., 1845, CrAS, 876-879 (in potatoes).
- filiformis* Büetsch., 1873a, 106, pl. 9 fig. 56 (im Moos eines Baumstammes; by Büetsch.).—Cobb, 1893a, 832-833 (55-56) (N. S. W.); 1893b, 276-277 (27-28), pl. 36 figs. 1-4.—Oerley, 1880, 85, 93; 1885, MtK, 51.—Southern, 1914a, 7 (Clare Isl.).
- fexilis* (Duj., 1845) Oerley, 1880 (b), 85, 86 (73, 74); 1885, MtK, v. 21 (1), 67.—Mordw., 1908, 147 to (*Leptodera*).
- fluriatilis* Büetsch., 1876a, 365, pl. 24 fig. 8 (in fauligen Massen auf der Oberfläche des Mains; F. a. M.).—Jägers., 1909, 26, fig. 35.—Lauterborn, 1913, 871.—Lindner, 1890a, 26.—Oerley, 1880a (b), 85, 90-91 (78-79); 1885, MtK, v. 21 (1), 59.
- fœcunda* (Schneid., 1866) Oerley, 1880 (b), 85, 91 (79); 1885, MtK, v. 21 (1), 67.—Man, 1894, v. 7, 367.
- genitalis* Scheiber, 1880a, 161-174, pl. 6 figs. 1-7 (in urine of Homo; Hungary); 1888, v. 95, 518 (in urine of H.).—Assénova, 1899, 13.—R. Bl., 1889d, 703.—Braun, 1883a, 186; 1895b, 214 (=pellio); 1903a, 254; 1908a, 285; 1915a, 296.—Cast. & Chalm., 1910a, 404; 1913a, 518.—Dungl., 1893a, 962.—Ijima, 1889b, 374.—Moniez, 1896a, 303.—Ogden, 1900, 269 (in H.).—Rieder, 1899a, 84 (in H.).—Scott, 1900a, pl. 30 figs. 1-4 (*genitalis*) (in H.).—Sl. & Sw., 1912a, 365.—Stiles, 1907; 1914, MM, v. 2, 316.—Ward, 1895a, 331 (in H.); 1903, 207; 1916, 678.
- genitalis* Scott, 1900a, pl. 30 figs. 1-4 (for *genitalis*).
- giardi* Maupas, 1915, BSHnA, v. 6, 34, 51-52 (1-2) (in humus; Algeria); 1915, 34-49, figs. 1-13.
- glutinis* (Muell., 1783) Duj., 1845a, 243.—Perez, 1866a, 190, 217-218 (in colle).—Schneid., 1866a, 148.
- gracilicauda* Man, 1876a (b), 156-158 (79-81), pl. 9 figs. 37a-e.—Oerley, 1880a, 85, 87-88.—Silva Araujo, 1878b, 53.

¹ According to de Man, *Rhabditis dryophila* was a manuscript name of Leuckart, first published by Ludwig, 1887, Naturwissenschaftler, no. 1, p. 9, as a nomen nudum; and the species was not described until 1910.

RHABDITIS—Continued.

- grucilicauda* Oerley, 1885, MtK, 47-48 (misprint for *gracilicauda*) (s. *Leptodera producta*).
- guignardi* Maupas, 1900a, 522-527, pl. 20 figs. 2-9 (in dirt from forest; Algeria).—Southern, 1909, v. 4, 94.
- gurneyi* Potts, 1910, v. 55 (3), 441, figs. 9-10 (in peaty soil; Norfolk).—Krüger, 1913, 117.
- heterurus* Oerley, 1880a (b), 85, 89, 176 (77), pl. 3 fig. 12; 1885, 45-46.
- icosiensis* Maupas, 1916, CrSB, 607-610, figs. 1, 2 (2-4) (free and larva encysted in coprophagous coleoptera; Algeria).—Maupas & Seur., 1916, 614, 615, 616.
- inermis* (Schneid., 1866) Oerley, 1880a (b), 85, 90 (78); 1885, 53.
- intermedia* Man, 1880a, 57-58 (in sand; Holland).—Oerley, 1885, 46-47.
- intestinalis* (Bavay, 1877) Oerley, 1880a (b), 96 (84).—Braun, 1883a, 185-186 to (Anguillula).—Ijima, 1889a, 371.—Nakamura, 1897a, 532-538.
- janeti* (Lac.-Duth., 1893) Lac.-Duth. in Janet & Man, 1894, MSz, v. 7 (2-3), 363-368; (4), 369-371, pl. 5 figs. 1-9 (in *Formica rufa*; Beauvais).—Linst., 1907, v. 29, 83 (in F. r., *Lasius flavus*).
- kowalewskyi* Golowin, 1901a [nv.]; 1901b, 752.—Linst., 1904, AN, 57.
- lacustris* Micol., 1913, SAW Wien, 116 (aquatic, Obersee, littoral; Ost-Alpen); 1914, ZJ, 472-473, pl. 17 figs. 24a-b.
- leuckarti* Vernet, 1872 [nv.].—Büetsch., 1873a, 117.—Oerley, 1880a (b), 95 (83); 1885, MtK, v. 21 (1), 65.
- limacis* (Duj., 1845) Mordw., 1908, AMz Petrograd, 147, 173 to (Angiost.).
- lirata* (Schneid., 1866) Oerley, 1880a (b), 85, 91 (73, 79).
- longicaudata* Bast., 1865c, 130, pl. 10 figs. 63-64 (sandy soil about roots of wheat; Broadmoor, Berks).—Marcinowski, 1909, v. 7, 40.—Oerley, 1880a (b), 85, 92 (73, 80).
- longicaudata* Büetsch., 1873a, 114-115, pl. 10 figs. 60a-e, pl. 11 figs. 65a-b (in faulenden Pilzen; Ing.).—[?Hewitt, 1913, 150.]—Marcinowski, 1909, v. 7 (1), 40.—Oerley, 1885, MtK, v. 21 (1), 48-49 (Bast. & Büetsch.).
- longicaudatus* Bast. ? or Büetsch.—Hewitt, 1913, 150.
- lumbriculi* Linst., 1895a, 526-528 (in *Lumbricus variegatus*; Goett.). 1909a, 81, fig. 78 (in *Sænuris variegata*).—Seur., 1916, 364 (in L. v.).
- macrocephalus* d'Udekem, 1859a, 557, 560-565, 566 (8, 11-16, 17), pl. 2 figs. 1-9 (in intest. *Julus terrestris*; by d'Udekem).
- macrolaima* (Schneid., 1866) Oerley, 1880a (b), 85, 90 (78); 1885, MtK, 53.
- macroura* Linst., 1879a, 167, pl. 11 fig. 5 (in moist soil; Ing.).—Oerley, 1885, MtK, 51.
- marina* Bast., 1865c, 129-130, pl. 10 figs. 60-62 (marine; Falmouth).—Büetsch., 1873a, 7.—Ditlevsen, 1912, 213, 240-242, pl. 2 figs. 1-5, 7.—Lindner, 1890a, 26.—Oerley, 1880a (b), 95 (83); 1885, MtK, v. 21, 66.
- marionis* Maupas, 1900a, 506-513, pl. 18 figs. 3-11 (on lombrics; from Normandy).—Johns., 1913, 634, 636.
- mellio* F., S., & T., 1916a, 883 (misprint for *pellio*).
- membranosa* (Schneid., 1866) Oerley, 1880a (b), 85, 86 (73, 74); 1885, MtK, v. 21, 67.
- minutus* Cobb, 1893a, 331-332 (54-55), fig. 45 (roots of sugar-cane; N. S. W.).
- monhystera* Büetsch., 1873a, 106-107, pl. 8 figs. 53a-b (on roots of *Plantago*; by Büetsch.).—Cobb, 1893b, 278, 279, 306 (29-30, 57), pl. 38 figs. 1-6 (in decaying leaves of banana plants; Fiji); 1906, 165, 193, 194 (Hilo, H. I.); 1914, v. 1 (1), 40-41 (rhabditin) pl.; 1915, JP, v. 1, 154.—Conte, 1900a, 374, 375; 1900b, 376.—Hall, 1916a, 157.—Hofmæn. & Menz., 1915, 178.—Linst., 1902d, 31; 1906, v. 24 (1), 9.—Man, 1876a (b), 153-154 (76-77), pl. 9 fig. 35 (Leyden).—Marcinowski, 1909, MkbA, 41 (monohystera).—Menz., 1914, AN, 75, 81 (monohystera).—Oerley, 1880a (b), 85, 91 (73, 79); 1885, MtK, v. 21 (1), 63-64 (monohystera).
- monohystera* Oerley, 1885, MtK, v. 21, 63-65 (for monhystera).
- mucronata* (Grube, 1849) Bast., 1865c, 132 (in terra. humida cum lumbricis servata).—Oerley, 1880a (b), 95 (83).

RHABDITIS—Continued.

- niellyi* (R. Bl., 1885) R. Bl., 1890a, 67–69.—Assénova, 1889, 50, 51, 94, 120.—Braun, 1895b, 214–215; 1903a, 254–255 (in Homo); 1905a, 296; 1906a, 276; 1908a, 286–287 (in H.).—Brumpt., 1910a, 428; 1913a, 490.—Cast. & Chalm., 1910a, 403, 407, 447; 1913a, 518, 522.—Daniels, 1910a, 72.—F., S., & T., 1916a, 378.—Gedœlst, 1911a, 103 (in H.).—Koch, 1910, 91, 92.—Looss, 1911a, 242, 275.—Moniez, 1896a, 301–302.—Nev.-Lem., 1902a, 95, 125; 1904a, 97, 129; 1906a, 313; 1908a, 504.—Penel, 1905, 66.—Rail., 1893a, 551.—Schneidem., 1896a, 305 (in H.).—Sl. & Sw., 1912a, 366, 404.—Stiles, 1907b, 51; 1907, 610; 1914, MM, v. 2, 303.—Vaull., 1901a, 124 (*nielly* misprint).—Verdun, 1907a, 424 (in H.; Brest).—Ward, 1895a, 331 (in H.); 1903, 207; 1916, 678.
- nigrovenosa* (Gœze, 1800) Gœtte, 1882b, 59–82, pl. 3–4 [nv.].—Cobb, 1888a (b), 13 (53).—Düerken, 1915, ZJ, 241–246, figs.—Fol, 1883a, 582.—Geinitz, 1915, 622.—Kholodk., 1899a, 174.—Martini, 1906a, 709, 713, 715, 716; 1907, ZwZ, 38–50.—Neuhaus, 1903a, 653–690, 1 fig. pl. 30–32 figs. 1–40; 1903b, 2433–2434; 1903c, 205–206; 1904a, 552.—Oerley, 1880a (b), 85, 87 (73, 75) (in *Rana temp.*).—Shipley, 1896a (1901b), 140, 155 (in excrement of frogs).—Zeigler (see under *Nematoden*).
- nyellyi* Moniez, 1896a, 345 (for *niellyi*).
- obtusa* Fuchs, 1915, ZJ, 141, 142–146, 149, 156, 168, 181, 182, 183, pl. 18 figs. 20–24 (in *Ips typographus*); 1915, 206.
- oculi equini* Willach, 1892c, 361 (in *Equus cab.*; Germany).
- ornata* Bast., 1865c, 130, pl. 10 figs. 65–67 (between sheaths of leaves, stalks of wheat; Broadmoor, Berks).—Büetsch., 1873a, 106.—Marcinowski, 1909, v. 7 (1), 40.—Oerley, 1880a (b), 85, 92 (73, 90); 1885, MtK, v. 21 (1), 66.
- oxophila* (Schneid., 1866) Lindner, 1890a, 26.
- oxycerca* Man, 1895, PLBS, 85–92, fig. 3 (in *Calanthe*; by Bos).—Marcinowski, 1909, v. 7 (1), 39.
- oxyphila* Lindner, 1890a, 26 (for *oxophila*).—Man, 1910, ZJ, 360 (so. *Anguillula aceti*).
- oxyuris* (Claus, 1862b) Büetsch., 1873a, 105–106, figs. 57a–c (Cuxhafen).—Linst., 1876a, 15.—Moniez, 1889r, 506–507 (in cow dung, young on *Acariens*, particularly *Holostaspis marginatus*; Lille, Boulogne); 1889s, 126–127; 1889t, 9–10; 1891e, 472 (3) (cf. *coarctata*); 1891i, 62; 1896a, 298.—Oerley, 1880a (b), 85, 93 (73, 81); 1885, MtK, v. 21 (1), 53.
- papillosa* (Schneid., 1866) Oerley, 1880a (b), 85, 92 (73, 80); 1885, MtK, v. 21 (1), 53.—Man, 1894, v. 7, 370.
- pellio* (Schneid., 1866) Büetsch., 1873a, 112–113, figs. 59a–e; 1876, 441, 442.—Assénova, 1899, 13, 14.—R. Bl., 1889a, 703, 704 (s. *genitalis*); 1895, 787 (in Homo).—Braun, 1895b, 12, 214; 1903a, 254; 1906a, 275; 1908a, 285–286; 1915a, 296.—Braun & Luehe, 1909a, 149.—Brumpt., 1910a, 428; 1913a, 490.—Daniels, 1910a, 72; 1914a, 75.—Ditlevsen, 1912, 240.—Erlanger, 1897a, 339–346, figs. 1–10.—F., S., & T., 1916a, 377.—Fiebiger, 1912a, 225.—Godœlst, 1911a, 103 (in vagina of H.).—Johns., 1913, 606, 607, 608, 614, 618, 619, 620, 622, 623, 628, 637, 638, 640, 641, 642, 643, 644, 646, 647, 649 (in *Lumbricus terrestris*).—Linst., —, 15, fig. 20 (s. *Anguillula lumbrici*, *Nematodum lumbrici*).—Looss, 1911a, 242, 261, 275.—Lutz, 1880, 464.—Moniez, 1896a, 302, 303–304 (s. *genitalis*).—Nev.-Lem., 1902a, 124, 125; 1904a, 97, 128, 129; 1906a, 313, 314, fig. 1: 1908, 503.—Oerley, 1880a (b), 85, 94–95 (73, 82–83), pl. 3 figs. 33a–b; 1885, MtK, v. 21, 54–58.—Rail., 1893a, 550.—Rollest., 1888a, 684.—Schneidem., 1896a, 305 (in H.).—Seur., 1916, 349 (in *Allolobophora longa*, *A. turgida*, *Lumbricus rubellus*, *L. terrestris*, *Ocotolasmus cyaneum*).—Shipley, 1896a (1901b), 160.—Sl. & Sw., 1912a, 365, 404.—Stitt, 1910a, 233.—Ward, 1903, 207 (to *Leptodera*); 1916, 678.—Weichselbaum, 1898a, 317.
- pellioides* Büetsch., 1873a, 111–112, pl. 11 fig. 66 (Germany).—Cobb, 1893b, 277 (28), pl. 38 figs. 1–7 (on fresh grass and dead leaves of banana plants; Cosmopolitan, Europe, Australia, Fiji).—Oerley, 1880a (b), 85, 93 (73, 81); 1885, MtK, v. 21 (1), 59–60.
- perrieri* Maupas, 1900a, 518–522, pl. 19 figs. 8–14, pl. 20 fig. 1 (in terreau; Arba).—Krüger, 1913, ZwZ, 98.
- plicata* Schneid. [nv.].—Fuchs, 1915, ZJ, 200.

RHABDITIS—Continued.

- producta* (Schneid., 1866) Oerley, 1880a (b), 85, 88 (73, 76).
- pseudolongata* Micol., 1913, SAW Wien, 547-548 (am Flachstrand d. Faistenauer Hintersees; Ostalpen); 1913, 11; 1914, ZJ, 470-471, pl. 17 figs. 25a-b.
- punctata* Cobb., 1914, TAMS, 73, 112-114 (39 (punctatus), 78-80) (about roots of aquatic plants; Potomac River, Wash., D. C.).
- rubrovenosa* (Schneid., 1866) Oerley, 1880a (b), 85, 87 (73, 75) (in *Bufo cinereus*).
- schneideri* Büetsch., 1873a, 116-117, 118, pl. 10, figs. 63a-b (in faulenden Pilzen, by Büetsch.) (see Schneid., 1866a, 321).—Hempel., 1912a, 102.—Krüeger; 1913, ZwZ, 118.—Oerley, 1880a (b), 85, 88 (73, 76); 1885, MtK, v. 21, 65.
- seychellensis* Potts, 1910, v. 55 (3), 441, fig. 3 (in moss; from Seychelles).
- sergenti* Maupas, 1916, CrSB, 612-613, fig. 2 (5) (in soil; Algeria).
- seurati* Maupas, 1916, CrSB, 610-612, fig. 2 (1) (on Hyacinth bulb; Algeria).
- simplex* Cobb, 1893a, 830-831 (53-54) (in soil; N. S. W.).
- species* Ben., 1866a, 212-213, figs. 1-6 (in old bones).
- species* Cobb, 1893b, 256 (7) (in celery; Sydney).
- species* Cobb, 1893b, 279 (30) (between sheaths of diseased banana plants; from Fiji).
- species* Frese, 1907, MmW, 99, 512, figs. 1-2 (in stom. Homo); 1908, CfB, 664-665.—Braun, 1908a, 287 (in H.); 1915a, 297.—Koch, 1910, 91, 92.
- species* del Guercio, 1913, 233-234 (in *Rhynchites ruber*; Puglia); 1915, ESR, v. 32 (5), 453.
- stercoralis* (Bavay, 1876) Bavay, 1876a, 694-695 (in Homo).—R. Bl., 1885, 70.—Braun, 1883a, 185.—Bérenger & Féraud, 1883, 318-321.—Dav., 1877a, 969.—Dungl., 1893a, 962.—Grassi, 1883c, 261.—Leichtenstern, 1885, 526; 1886, 173, 175.—Leuck., 1879a, 59, 129, 161, 188, 196; 1883b, 97; 1886d, 125, 126, 148.—Looss, 1892a, 40; 1905, 189, 190 (to Strongyloides); 1911a, 252, 253, 255, 282; 1914, v. 2, 503, 504.—Luz, 1880, 463, 465 (Brazil).—Mordw., 1908, 175.—Mosler & Peiper, 1894a, 267.—Neum. & Mayer, 1914a, 361.—Normand, 1877a, 35-55, 102-133, figs. 1-7.—Oerley, 1880a (b), 96 (84).—Perronc., 1881v, 24-43, figs. 1-3; 1881w, 499-519, figs. 1-4, pl. 29 figs. 1-8; 1882c, 191-192.—Roux, 1877a, 18.—Satterthwaite, 1881b, 218, 221-223 (quotes Nordm. as author).—Scheiber, 1880, 177.—Veterinarian, 1877, v. 50, 19.—Ward, 1895a, 331 (in Homo).
- strongyloides* (Leuck., 1883) Grassi [nv.].—R. Bl., 1890a, 70 (so. *Rhabdonema intestinale*).
- strongyloides* (Schneid., 1860) Oerley, 1880a (b), 85, 90 (73, 78); 1885, MtK, v. 21, 63.—Piebiger, 1912a, 225.—Hut. & Mar., 1913b, 1059-1060.—Künneman, 1905, DtW, v. 13, 269-270 (in skin of dog); 1906, CfB, v. 37, 753-754.—Liebert, 1910, VJ, v. 66, 687-688 (from DtW) (dermatitis verminosa in dog).—Neum., 1911, Rv, v. 68, v. 36 (2), 76-83.—Nev.-Lem., 1912a, 834.
- teres* (Schneid., 1866) Büetsch., 1873a, 107-111, figs. 64a-h; 1876, 441, 442.—Conte, 1900b, 375.—Hempel., 1912a, 108.—Küerger, 1913, 105.—Maupas, 1915, 34.—Oerley, 1880a (b), 85, 95 (73, 83).
- terricola* Duj., 1845a, 240-241 (in soil and in *Limax, grenouille rousse*, *Gasterosteus*; France).—Barthélemy, 1867a, 37-40.—Bast, 1865c, 131-132.—Bavay, 1876a, 694-695.—R. Bl., 1887e, 168 (s. *cornwalli*, *Pelodera setigera*); 1889a, 703 (in Cornwall epidemic); 1890a, 62-63 (s. *teres*, c., *P. teres*, *P. s.* (Europe)).—Bérenger & Féraud, 1883, 317.—Braun, 1895b, 213 (s. *P. s.*, *P. t.*).—Dav., 1877a, 970.—Ditlevsen, 1912, 240.—Kholodk., 1899a, 183.—Leuck., 1879a, 63, figs. 30, 42, 69; 1886d, 49, figs. 30, 42, 69.—Lindner, 1890a, 26.—Looss, 1911a, 261.—Menz., 1914, 85.—Moniez, 1896a, 304-305.—Oerley, 1880a (b), 85, 88 (73, 76); 1885, v. 21, 60-63, pl. 2 figs. 10-17.—Perez, 1866a (b), 152-307, (1-156), pls. 5-10 figs. 1-97 (s. *Ascaroides limaris* (in *Limax agrestis*, *L. hortensis*)).—Pratt, 1916a, 217.—Rail., 1893a, 550 (s. *P. t.*).—Roux, 1877a, 15, 18.—Scheiber, 1880, 173.—Schneidem., 1896a, 305.—Schneid., 1866a, 148.—Veterinarian, 1877, 19.—Ward, 1903, 208.
- terrikola* Schneidem., 1896a, 305 (for *terricola*) (in Homo).
- tripartita* Linst., 1906, v. 24 (1), 8-9, figs. 10-12 (in Excrementen eines Affen; Ing.).
- tritici* (Steinbuch, 1799) Duj., 1845a, 242-243.—Huber, 1909, 1 (so. *Tylenchus scandens*).—Perez, 1866a, 189.—Schneid., 1866a, 148, 164 (so. *Anguillula scandens*).

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uncinata (Schneid., 1866) Oerley, 1885, v. 21, 67.

viguierei Maupas, 1900a, 527–531, pl. 20 figs. 10–13 (in terreau gras; Algeria).—Southern, 1909, v. 4, 94.

RHABDITOLAIMUS Fuchs, 1915, ZJ, 158 (type by present designation, *halleri*).

halleri Fuchs, 1915, 158–160, 194, pl. 19 figs. 45–48 (in *Ips typographus*).

leuckarti Fuchs, 1915, 191–195, pl. 21 figs. 68a–69 (under wings of *Hylobius abietis*).

RHABDOCHONA Rail., 1916, JP, v. 2 (3), 99, 100, 104 (tod. *denudatus*).

denudata (Duj., 1845) Rail., 1916, 104 (in Cyprinidés).

RHABDOGASTER Metchn., 1867a, 542–543 (mt. *cynoides*) [not *Rhabdogaster* Loew., 1858, dipt.].—Hempelm., 1912a, 108.—Stiles & Hass., 1905b, 134.—Villot, 1875a, 454, 456 (marine).

cynoides Metchn., 1867a, 542–543, pl. 31 figs. 9–11 (auf verschiedenen nahe am Ufer wachsenden Algen; [apparently *Med.*]).—Schep., 1908c, 393–400, pl. 26 figs. 1–23.

RHABDOLAIMUS Man, 1880a, 59–61 (tsd. *terrestris*).—Hofmæn., 1913, 619.—Jägers., 1909, 5, 19.—Menz., 1914, 60–61.—Stiles & Hass., 1905b, 134.

aquaticus Man, 1880a, 60 (in fresh water).—Hofmæn., 1913, 619.—Hofmæn. & Menz., 1915, 180–181.—Jägers., 1909, 19, fig. 23 (Holland, Hungary).—Micol., 1914, ZJ, 440–441; 1915, ZJ, 257.

balatonicus Daday, 1894, Mte, v. 12, 138; 1897, v. 2 (1), 102–103, figs. 89–91 (in sand; Balaton).

minor Cobb, 1914, TAMS, 73, 75 (39, 41, 86), pl. 2 fig. 2 (in mud; Beach pool, Pine Point, Douglas Lake, Mich.).

terrestris Man, 1880a, 60–61 (in moist soil; Holland).—Hofmæn. & Menz., 1915, 181.—Menz., 1914, AN, 34, 61, 82, 83.—Micol., 1913, 11; 1914, ZJ, 442–443, pl. 11 figs. 6a–f; 1915 ZJ, 257–258.—Steiner, 1916, ZA, 343.

RHABDONEMA Perronc., 1886, [nv.].—Stiles & Hass., 1905b, 134.

RHABDONEMA Leuck., 1879a, 128, 129 (mt. *nigrovenosum*) [not *Rhabdonema* Kützing, 1844, polygastrical]; 1883b, 89; 1886d, 89, 99.—Askanazy, 1897c, 50.—Braun, 1895b, 23, 24, 25, 212, 215 (= *Strongyloides*); 1903a, 252; 1906a, 19, 20, 21; 1908a, 279.—Cast. & Chalm., 1910a, 404; 1913a, 519.—F., S., & T., 1916a, 18, 19, 20.—Grassi, 1887d, 312.—Grassi & Caland., 1884a, 492–494; 1885b, 150.—Hempelm., 1912a, 110.—Lutz, 1886a, 343; 1887a, 47–49.—Oerley, 1885, v. 21 (1), 77–78.—Perronc., 1907, v. 49, 3–6.—Rail., 1893a, 557 (pars so. *Strongyloides*).—Rhumbler, 1901a, 60–88.—Schneidern., 1896a, 304.—Shipley, 1896a (b), 160.—Sl. & Sw., 1912a, 367.—Stiles & Hass., 1905b, 134.

acuminata (Schränk, 1788) Scheiber, 1880, 164 (to Rh. [Asc.]).

hominis Lutz, 1887a, 48 (*strongyloides* Leuck. renamed; quotes CkM, 1885, and AMv).

intestinalis (Bavay, 1877) R. Bl., 1888a, 770.—Abbott, 1899, 226 (in Homo; Cochinchina, Brazil, W. Indies, Egypt, Ceylon, Italy).—Baldeschi, 1890, 869.—Booth, 1908, 344.—Braun, 1903a, 255; 1908a, 288; 1915a, 298.—Brumpt, 1910a, 430; 1913a, 491.—Cast. & Chalm., 1910a, 404; 1913a, 519.—Daniels, 1910a, 72; 1914a, 75.—Daniels & Stanton, 1907a, 349.—Dungl., 1893a (1895a), 247.—Fol., 1883a, 578–582.—Grassi & Segré, 1887a, 100–108 to (*Anguillula*); 1887b, 413–415.—Guiart, 1910a, 422.—Looss, 1905, 189 (so. *Strongyloides stercoralis*).—Mans., 1897, 1837; 1901, 557; 1903, 660, 661, 662, fig. 105; 1904, 416, 660, 661, fig. 105.—Neum. & Mayer, 1914a, 359.—Nev.-Lem., 1902a, 127, 1908a, 499.—Ozzard, 1902, 59–60.—Rail., 1893a, 557 (to *Strongyloides*).—Rathelot, 1892a, 52 (*Phaldonema*).—Riva, 1892s, 40–69 (in H.).—Salute pubbl., Perugia, 1891, 193–200.—Sl. & Sw., 1912a, 367.—Sons., 1891m (n), 47–56 (1–10); 1892, 683–684; 1896a, 329.—Strong, 1902a, 10.—Vaull., 1901, 136.—Veterinarian, 1877, v. 50, 19.—Ward, 1903, 208 (so. *St. s.*).

longum (Grassi & Segré, 1885) Rail., 1893, 561 to *Strongyloides*.—Hut. & Mar., 1913, 516.—Rans., 1911a, 105.—Ward, 1895a, 337 (in *Ovis aries*).—Reported for *Fœtorius putorius*, *F. vulg.*, *Lepus cuniculus dom.*, *Sus scrofa*, *S. s. dom.*

longus Grassi, 1885b, 251 (in coniglio, donnola, porco, pecora; by Grassi).—Grassi & Segré, 1887a, 107 (in sheep), 108.—Blgr., 1914, v. 7 (3), 248 (so. *Strongyloides papillosus* Wedl.).—Caland., 1904, 63 (in Homo).—Hall, 1916a, 7 (so. *S. p.*).—Rans., 1911a, 105 (so. *S. p.*).—Sl. & Sw., 1912a, 401.

RHABDONEMA—Continued.

- nigrovirens* (Goetze, 1800) Leuck., 1879a (b), 128, 129; 1883, 89; 1886d, 89, 96, 98, figs. 61, 62.—Benham, 1901a, 76.—R. Bl., 1888a, 742.—Braun, 1893a, 869; 1895b, 135, 208, 212, 216, figs. 106, 108; 1906a, 145, 269-270, figs. 186, 188; 1908a, 279, 280, 284, fig. 239; 1915a, 289, 290, 293, 299, figs. 263, 265.—Braun & Lühe, 1909a, 108, 118, fig. 45; 1910a, 117, 118, fig. 45.—Fiebiger, 1912a, 226.—Golgi & Monti, 1885a, 57.—Kholodk., 1911, 253 (in *Bufo vulg.*, *Rana temp.*).—Looss, 1892a, 41, 147.—Martini, 1906a, 703, 704; 1907, *ZwZ*, 28, 31, pl. 3 figs. 65, 81, 82e; 1908, 552.—Mordw., 1908, 152, 174 to *Angiost.* (Rh.).—Oerley, 1885, MtK, v. 21 (1), 78-80.—Scheiber, 1880, 164, 172, 173 to (Asc.).—Schleip, 1911, v. 19, 1-8 to *Angiost.* (Rh.); 1911, v. 7, 87, 138, pls. 1-5.—Shipley, 1896a (1901b), 134, 136, 140, 151, 162.—Sl. & Sw., 1912a, 311.—Stiles & Hass., 1894e, 350 (in *Bufo lentiginosus*, *Rana temp.*).—Reported for *Combimator igneus*, *Bufo americanus*, *B. viridis*, *Pelobates fuscus*, *Rana clamitans*, *R. escul.*, *R. palustris*.
- ovis* Perronc., 1886f, 86 (in feces of *Ovis aries*; Italy).
- stercoralis* (Bavay, 1876) Mans., 1903, 662.—Brumpt, 1913a, 491.—Fiebiger, 1912a, 226.—Hut. & Mar., 1906a, 408.
- strongyloides* Leuck., 1883 [nv.],—Braun, 1883a, 186; 1903a, 255; 1908a, 288; 1915a, 298.—Brumpt, 1910a, 430.—Cast. & Chalm., 1910a, 404, 735; 1913a, 519.—Chastang, 1878, v. 30, 29.—Delafield & Prudden, 1897, 140.—Dollfus, 1912, v. 37 (2), 24-26 (*Rhabdonema strongyloides*).—Dungl., 1893a (1895a), 962.—Fol, 1883a, 578-582.—Golgi & Monti, 1884, 285-288; 1885a, 57.—Grassi & Segré, 1887a, 107, 108 (in man), [106, ? in *Mus decumanus*].—Ijima, 1889b, 372.—Linder, 1890a, 25-29 (s. *Anguillula intestinalis*) (in *Homo*: *Cochin China*, *Sumatra*, *Java*, etc.).—Linst., 1896, 16; 1905n, 533 (so. *Strongyloides intestinalis*).—Looss, 1892a, 40; 1896b, 64 (Egypt); 1898b, 484; 1905, 189.—Lutz, 1885a (b), 385-390 (1-5) (s. *Ang. int.*) (in H.; Brazil); 1887a, 48 (renamed *hominis*); 1893a, 126.—Neum., 1892d, 387.—Oerley, 1885, v. 21 (1), 80-82, pl. 4 figs. 10-12, pl. 5 figs. 1-4; 1886a; 1887d, 270.—Perronc., 1906f, 3-5; 1907d, 3-6; 1909, v. 20 (6), 584.—Rail., 1893a, 557 (so. *St. int.*).—Rollst., 1888a, 684, 686.—Simon, 1896a, 183; 1897a, 209.—Sl. & Sw., 1912a, 367.—Teissier, 1895, 675-700, 1 pl.—Ward, 1895a, 323, 331 (in H.); 1903, 208.
- suis* (Lutz, — ? —, nv.) Dolley, 1894a, 1007 (so. *longum*).—Hut. & Mar., 1906a, 408.—Sl. & Sw., 1912a, 401.
- vivipara* (Probstmayr, 1865) Rans., 1907, 35 (to *Probstmayria*) (in horse; U. S. A.).—[Rail., 1887, RMv, 48 (combination not made).]
- Rhabdonemiasis (disease caused by *Rhabdonema*; in medical literature used chiefly in sense of *Strongyloides*).—Sons., 1891; 1893, 861.—Looss, 1905, 188.
- RHABDONEMIDÆ Oerley, 1885, MtK, v. 21 (1), 77 (f. of *Rhabditiiformes*); 1886a; 1887d, 269 (contains *Rhabdonema*, *Angiost.*, *Allantonema*).—Mordw., 1908, 174.
- RHABDONEURA Dollfus, 1912, BSzF, 25 (misprint for *Rhabdonema*).
strongyloides Dollfus, 1912, 25 (misprint for *strongyloides* Leuck.).
- RHABDOTODERMA Mar., 1870a, 31-32 (mt. *morstatti*) [not *Rhabdoderma* Reis, 1888, fish].—Stiles & Hass., 1905b, 134.
morstatti Mar., 1870a, 31-32, pl. J fig. 1 (free; Endoume, Pharo, Joliette).—Villot, 1875a, 466 (free; Med.).
- RHADINORHYNCHINE Lühe, 1912, ZJ, 278 (subf. of *Echinorhynchidae*; contains *Rhadinor.*, *Echinogaster*).
- RHADINORHYNCHUS Lühe, 1911a, 10, 43-44 (mt. *pristis*); 1912, ZJ, 278.
horridus Lühe, 1912, ZJ, 278-282, 305, fig. A, pl. 13 figs. 1-4a.
pristis (Rud., 1802) Lühe, 1911a, 44-46, figs. 58-63 (in marine fishes, especially *Scomber*); 1912, ZJ, 279, 280, 281, 282, 305, pl. 13 figs. 5-7.
- RHAMPHOGORDIUS Ag., 1846, 320, 322 (for *Ramphogordius* Rathke).—Schneid., 1866a, 326, 332.—Stiles & Hass., 1905b, 134.
lacteus (Rathke, 1843) Schneid., 1866a, 326, pl. 27 fig. 1 (Helgoland).
purpureus Schneid., 1866a, 326 (Helgoland).
- RHAPHIDASCARIS Rail & Henry, 1915, BSPE, 271 (tod. *acus*).
- RHIGONEMA Cobb, 1898a, 311 (mt. *brevicollis*).—Stiles & Hass., 1905b, 134.
brevicollis Cobb, 1898a (b), 311 (16), figs. 29, i iv (lng.).—Stiles & Hass., 1905b, 134.

- RHYNGODEA** Mol., 1858d, 141 (contains Echinor.): 1861c, 260 (order of Nematoda, contains Echinor.).
- RHYTIS** Mayer, 1835, 67-72 (mt. paradoxa) [in special group, Rhytelminthi, next to Nematodea] [not Rhytis Zed., 1803a, worm].—Deslgch., 1824rr, 672; 1828i, 608.—Stiles & Hass., 1905b, 135.
paradoxa Mayer, 1835, 67-72, figs. 1-3 (in cow).—Stiles & Hass., 1905b, 135.—Tschudi, Miesch. & Nordm., 1839a, 220-221.
- RICTULARIA** Fröel., 1802a, 7-13, pl. 1 figs. 1-3 (mt. cristata).—Bory, 1828, v. 14, 618.—Cobbold, 1879b, 296.—Deslgch., 1824ss, 672.—Duj., 1845a, 280.—Hall, 1916a, 168-169, 170, 171, 173, 175, 176, 177, 225.—Jägers., 1904, ZA, 660-661; 1909, pt. 3 (6), 1-66, pls. 1-4 figs. 1-23; 1909 (25), 2, 41 (diag.).—Linst., 1909a, 48, 67.—Menz., 1914, AN, 77.—Olss., 1869b, 487.—Seur., 1915, CrSB, 318-322 (1-5), figs. 1-3 (carnivores; N. Africa).—Stiles & Hass., 1899a, 105 (s. Laphyctes); 1905b, 135.
affinis Jägers., 1904, ZA, 660 (in fox; Cairo) (nomen nudum except habitat); 1909 (25), 5, 6, 11, 16, 18-21, 25, 29, 31, 34, 42, 43, 44, pl. 2 figs. 4, 6, 9, (in Katzen, Vulpes niloticus; N. Africa, by Looss).—Seur., 1915, CrSB, 318-320, fig. 3 (in intest., jackal and fox, V. v. atlantica; Bou-Saâda); 1917, 24.
amphiacantha (Dies., 1851) Jägers., 1909 (25), 40 (in Oxymycterus rufus=Lemmus dasytrichus; Brazil).—Hall, 1916a, 175 (amphiacanthum) (to Rictularioides).—Par., 1898a (b), 117 (16).
boviri R. Bl., 1886i, 297-304 (4-11), pl. 10 figs. 4-9 (in Vespertilio murinus; Sarreguemines).—Jägers., 1909 (25), 38-39 (in V. m.).—Par., 1889c, 775; 1898a (b), 117 (16).
cahirensis Jägers., 1904, ZA, v. 37, 660 (in cat; Cairo) (nomen nudum except habitat); 1909 (25), 2-17, 18, 19, 20, 21, 25, 29, 30, 34, 42, 43, 44, figs. 1-6, pl. 1 figs. 3-5, pl. 2 figs. 5, 7, 10 (in Katzen; Cairo).
coloradensis Hall, 1916a, 169, 173-175, 225, figs. 224-228 (in Eutamias quadri-vittatus; Colo.).
cristata Fröel., 1802a, 9-13, pl. 1 figs. 1-3 (in Mus sylvaticus; by Fröel.). R. Bl., 1886i, 303 (10).—Duj., 1845a, 280-281.—Hall, 1916a, 169-170, figs. 216-217 (in Apodemus sylvaticus. Dymomys nitedula, Glis glis, Muscardinus avellanarius; Europe).—Jägers., 1909 (25), 38 (in Mus syl., Myoxos avellanarius, M. glis, M. nitedula [=dryas]).—Olffers, 1816a, 61.—Par., 1889c, 774, 775; 1898a (b), 117 (16).—Rud., 1814a., 89 (=Ophiost. denticulatum); 1819a, 61.
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fallax Jägers., 1909 (25), 35-38, 42, 43, figs. 14, 15 (s. plagiostoma Par.) (in Sciurus melanogaster; S. Sumatra).—Hall, 1916a, 169, 171-172, figs. 222-223 (in S. m.; S.).—Seur., 1915, CrSB, 322.
macdonaldi (Dobs., 1880 [macdonaldii]) Bell, 1881, ZR (for 1880), Verm., 7.—Jägers., 1909 (25), 5, 7, 8, 11, 15, 20, 21-30, 34, 42, 43, fig. vii-x, pl. 1 figs. 1-2, 6, pl. 2 figs. 2-3, 8 (in Megaderma frons; White Nile).—Seur., 1915, CrSB, 320, 322 (in intest., Genette, Chauve-Souris; Alger); 1917, 24.
paradoxa Linst., 1903u (1904a), 272-273 (8-9), fig. 5 (host unknown); 1904n, 301 to (Gnathost.) (=Gn. shipleyi).—Jägers., 1909, 40-41.—Skrj., 1916, CrSB, 971, 973 (so. Seuratia shipleyi).
plagiostoma (Wedl, 1861) Will.-Suhm, 1873a, 331-332 (s. Ophiost. spinosum) (in Vespertilio mystacinus; in bayrischen Hochgebirge).—R. Bl., 1886i, 303 (10).—Hall, 1916a, 171, 172 (so. fallax).—Jägers., 1909 (25), 18 (of Sons., so. affinis), 30, 31-35 (of Par., so. fallax), 37, 38, 42, 43, figs. 11-13, pl. 1 fig. 7, pl. 2 fig. 1 (in Erinaceus libycus; by Looss, in Alexandria, Egypt).—Leiper, 1911, PZSL, 620-621 (in Paradoxurus larvatus).—Linst., 1909a, 67-68, fig. 49 (in V. m.).—Par., 1889c, 775; 1898a (b), 117-118 (16-17) (in Sciurus melanogaster; Mentawai Isl.).—Seur., 1915, CrSB, 322.—Sons., 1888, 113-115; 1888c, 115-119; 1888f, 192-196 (in intest., renard; Cairo).
proni Seur., 1915, CrSB, 320-322, figs. 1-3 (in intest., Herpestes ichneumon; Bordj-Menaiel); 1916, CrSB, v. 79 (3), 146-149, figs. 1-2 (in Arvicantis barbarus, H. i.); 1917, 24.—Hall, 1916a, 169, 225 (in A. b., H. i.).
shipleyi (Stoss., 1900) Johnst., 1912, Emu, 106 (in Daption capensis; N. S. W.).
splendida Hall, 1913 (1914), PUSNM, v. 46, 73-84, figs. 1-6 (in Canis nebracensis; Colo.).

RICTULARIIDÆ Rail., 1916, RMv, 519.

RICTULARIINÆ Hall, 1913 (1914), PUSNM, 75 (subf. of *Metastrongylidæ*); 1916a, 162 (*Metastrongylidæ*), 168, 175 (contains *Rictularia*, *Rictularoides*); 1916b, 519.

RICTULARIOIDES Hall, 1916a, 168, 175 (mt. *amphiacanthum*); 1916b, 519.

amphiacanthum (Dies., 1851) Hall, 1916a, 175-177, figs. 229-233 (in *Oxymycterus rufus*; Brazil).

SABATIERIA Rouville, 1903c, 1529 (mt. *cettensis*); 1905a, 794.—Man, 1907, 61-62, 66, 67.

antarctica Cobb, 1914, 8, 14, 1 fig. (Cape Royds).

celtica Southern, 1914a, 25-26, pl. 3 figs. 8 a-d (Clew Bay).

cettensis Rouville, 1903c, 1529 (free; canal des Bourdigues, Cetter; 1905a, 794.

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tenuicaudata (Bast., 1865) Man, 1907, v. 10, 237, 238; 1907, 33, 62-63, pl. 3 figs. 10, 65-67, 87 (Zealand).

SCAPTRELLA Cobb, 1917n, 119 (mt. *cincta*).

cincta Cobb, 1917n, 119, fig. 4 [in marine sand; Miami, Fla.].

SCHISTOROPHUS Rail., 1916, JP, v. 2 (3), 99, 100, 102 (s. *Tetracanthus* Hempr. & Ehrenb., 1866 in Schneid., 1866a, 104, non Hope, 1835; *Ancyracanthus* Schneid., 1866, pro parte, non Dies., 1838) (tod. *longicornis*) (*Thelaziidæ*).—Skrj., 1916, 524-525.

acanthocephalicus (Mol., 1860) Rail., 1916, 102 (in *Sterna caspica*, *S. hirundo*).

alieatina Skrj., 1916, 461, 525-526, figs. 38 (in *Hæmatopus ostralegus*; Russian Turkestan).

bicuspis (Rud., 1819) Rail., 1916, 102 (in *Squatarola helvetica*).

bidenis (Rud., 1819) Rail., 1916, 102 (in *Astur palumbarius*, *Merops apiaster*).

capillaris (Mol., 1860) Rail., 1916, 103 (in *Sterna hirundo*).

laciniatus (Mol., 1860) Rail., 1916, 102 (in *Rallus cayennensis*).

longicornis (Hempr. & Ehrenb., 1866) Rail., 1916, 102 (in *Numenius arquatus*, *Totanus glottis*, *Tringa variabilis*).

spinulosus (Mol., 1860) Rail., 1916, 102 (in *Glareola austriaca*).

umbellifer (Mol., 1860) Rail., 1916, 102 (in *Ibis rubra*, *Totanus melanoleucus*).

SCHIZOCHEILONEMA Dies., 1861a, 621, 710 (renamed *Tricheilonema* Dies., 1861a, 710, hence type *Tricheilonema megalochilum* (Dies., 1851)), 711.—Stiles & Hass., 1905b, 135.

SCHLEROSTOMUM Theobald, 1897b, 3 (misprint for *Sclerost.*).

SCIADIOCARA Skrj., 1916, 461, 519-520 (tod. & mt. *umbelliferæ*; 1916, CrSB, 972,

umbellifera (Mol., 1860) Skrj., 1916, 462, 520-523, figs. 33-36 (in *Ibis rubra*, *Scolopax major*, *Totanus melanoleucus*).

SCIADOCARA Seur., 1916, CrSB, 788 (for *Sciadiocara*).

SCLEROSTEMA Morgan, 1868, 73 (misprint for *Sclerost.*).

SCLERASTOMA Campb. & Lacr., 1907, 75-76 (misprint for *Sclerost.*).

SCLEROSTOMA Rud., 1809a, 35 (std. *Str. equinus*) [not *Sclerostomes* Burm., 1847 coleopt.].—Adelmann, 1908, (41), 735-736 (*aneurysma verminosa equi*).—Aitken, 1866, 805, 842; 1872, 150.—Albrecht, 1909, v. 15, 371, 291 (in horse); 1909, v. 21 (4), 161-181, figs. 1-17 (zool. and med.); 1909, v. 48 (5), 105-106.—Anacker, 1892i, 396.—Annett, 1909, v. 21, 520-521 (lesions).—Ashcroft, 1914, CrSB, 442-444.—Bail., 1865, 1-47; 1866b, 47; 1868, 1-64.—Baird, 1853a, 30; 1868b, 262-264, figs. 1-2 (in elephant).—Blainv., 1828a, 544-545 (type *Str. equinus*).—R. Bl., 1888a, 727.—Blum, 1914, v. 9, 1-2.—Bochberg, 1909, v. 5, 354 (med.); 1910, v. 22 (1-2), 73-74 (*Sklerostomen-Seuche*).—Braun, 1883a, 159; 1895b, 210, 213; 1903a, 243, 251, 253; 1908a, 282.—Burm., 1856a, 279.—Cagny & Gobert, 1910, 805-806, figs. 1751-1752.—Carus, 1863, v. 2, 464.—Cobbold, 1861c; 1864b, 361; 1879b, 127, 211; 1883ii, 1398-1399, fig. 73; 1886b, 5 (in bronchi of black swan).—Colin, 1864, 686; 1864a, (1-16).—Darmagnac & Guiart, 1915, Pm, 225.—Dav., 1877a, cxii.—Duj., 1845a, 3, 244, 254-260, 263 (*Sclerostomum*).—Edelmann, (1902) 1903, 216; 1914, 270, 275.—Fischer, 1840, 155.—Gaiger, 1910, v. 23, 364 (in horse).—Galli-Val., 1901c, 361 (larvæ, *Sclerostomines* in cattle).—Giles, 1892b, 25-30, figs.

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- 1-14 (in mule).—Glage, 1906, v. 1, 341-375; 1906, v. 31 (9), 618-624; 1907, v. (30), 580-581.—Goldb., 1855a, 113.—Hall, 1916a, 103-109.—Hartmann, 1916, 221-236, figs. 1-8 (horse).—Hempelm., 1912a, 100.—Hummel, 1908, Oct. 10; 1909, v. 86 (5), 184-185.—Hut. & Mar., 1910b, 408, 508, 555, 584, 708; 1913a, 1049.—King, 1894a, 172-177, figs. 1-2, 332-335, figs. 1-2, 664-671, fig. 1 (in horse).—Krabbe, 1866e, 44 (Tyktarmens Slimhinde).—Küech., 1855, 298; 1857, 364.—Leuck., 1867b, 19, 20, 33, 47, 55, 58, 134, 135; 1868a, 402, 413, 439; 1879a, 78; 1886d, 59.—Küehtz, 1913, AmA, 191-265, figs. 1-8, pls. 1-3 (cytology, ova, sperm).—Liautard, 1910, v. 31, 143-144; v. 36 (5), 610.—Lienaux, 1910, v. 18 (32), 475.—Little, 1905, VR, 203; 1906, v. 29 (7), 184.—Looss, 1900c, 154, 156; 1901, 29, 35, 36, 37, 40, 46, 47, 49, 50, 51, 53, 59, 61, 65, 66, 69, 70, 72, 79, 80, 81, 88, 92, 94, 95, 98, 99, 100, 101, 106, 107, 113, 114, 118, 119, 120, 132, 133, 138; 1904, 9; 1905b, 74 (Sklerost.); 1905, 19; 1911a, 209, 221, 320, 325, 328, 365, 396, 397, 398, 402, 515, pl. 14 fig. 160.—Mettam, 1910, v. 23 (1161), 209-210, figs. 1-4 (in horse; by Mettam).—Mol., 1861a (b), 436, 463, 477, 550-554 (12, 39, 53, 126-130).—Moniez, 1896a, 298.—Neum. & Mayer, 1914a, 447.—Olss., 1869b, 488.—Rail, 1884f, 255-256; 1884m, 646-648; 1900, v. 3 (1), 102-107.—Rail & Henry, 1902a, 110, 111; 1902a, 86; 1909b, 169 (so. Str.); 1912, 563.—Ratz, 1898d, 301.—Raver, 1842, 1.—Rouville, 1903, 1526-1527.—Schneidem., 1896, 304, 305 (Sklerost.).—Schneid., 1866a, 110.—Shipley, 1896a (1901b), 142.—Sl. & Sw., 1912a, 383-386.—Sons., 1878, 613 (Sclerostomum).—Stiles, 1901p, 530 (g. of Strongylidæ); 1902, 185, 186; 1903, 14.—Stiles & Hass., 1899a, 164 (type of subf. Sclerostominæ); 1905b, 135, 136.—Stoss., 1898c, 87; 1899d, 56, 102.—Suffran, 1909, Dec., 1910, v. 59 (5), 303.—Theobald, 1898, v. 5, 21-24.—Vaull., 1901a, 132.—Verrill, 1870, 233, 246.—Weinberg, 1907s, 798-807; 1908g, 25-27; 1908i, 228-229; 1908r, 715-716; 1908ee, 604.—Weinberg & Léger, 1908d, 454-455.—Willach, (1891), v. 17, 341.—Wolffh., 1909a, 462-463.—Wucherer, 1866, 63; 1867, 171.—See also Str., Sclerostomum, Sclerottoma.
- aculeatum* (Linst., 1879) Stoss., 1899d, 113 (59) (in intest., *Macacus cynomolgus*).—Smidt, 1906a, 651.
- amphibæna* (Mol., 1861) Stoss., 1899d, 132 (78) (in intest., *Amphibæna kingii*; Brazil).
- aneurysmaticum* (Rud., 1809) Dav., 1877a, 314 (solipède).
- anser* (Zed., 1800) Neum., 1909, 170, 171 (in Anatidæ, esp. *Anser dom.*).—Nev.-Lem., 1912a, 752.
- apiostomum* Willach, 1891c, 340-346, figs. 1-3 (in *Macacus cynomolgus* s. *Cynomolgus cynocephalus*; Germany); 1891d, 315-316; 1892d, 25-26.
- appendiculatum* (Mol., 1861) Stoss., 1899d, 107-108 (53-54) (in *Coluber lichtensteini*, *Uroelia plumbea*, *Leptophis ahaetulla*, *Liophis cinerascens*, *L. bivittatus*, *L. miliaris*, *L. regius*, *Ophis ceruleus*, *O. merremii*, *O. saurocephalus*, *Spilotes pullatus*; Brazil); 1900a, 2-3, figs. 7-9 (in *Dipsadomorphus irregularis*; W. Pacific).—Shipley, 1900c, 560, fig. F (in D. i.; Malay; also in *Drymobius bivittatus*, *Leptophis liocercus*, *Rhadina merremii*, S. p., *Xenodon merremi*, *X. severus*; also Cl. pl., O. c.).—Also reported for *X. merremi* spix.
- apri* (Gmel., 1790) Braun & Lûche, 1910, 205.
- armatum* (Rud., 1802) Rud., 1809a, 204 (to Str. (Sclerost.)).—Aitken, 1855, 683.—Anacker, 1888c, 484; 1892k, 396.—Angeloff, 1907, Awpt, v. 34, 41-72, pls. 1-3 figs. 1-9.—R. Bl., 1895, 120-127.—Blumberg, 1884a, 154 (in *Equus cab.*; Kasan).—Bol, 1904, 378-380; 1910, v. 40 (2), 138-152, 1 fig.; 1911, 15-17.—Boli, —?—, v. 21, 371-381.—Borthwick, 1896, 249-250.—Braun & Lûche, 1909a, 1151; 1910, 165.—Breeders' Gaz., 1906, v. 49 (13), 704.—Cadiot, 1893, 57-58.—Cary, 1892a, 355-357 (in colt).—Cobbold, 1875d, 210; 1876t, 757.—Dav., 1877a, 1877a, cxiii-cxiv, fig. 62, 229, 335-342, fig. 16 (in âne, cheval, mulet).—Dewitz, 1892b, 143 (to Str.).—Dies., 1851a, 303-305 (in E. c., E. asinus, E. mulus; M. C. V.).; 1861a, 717 (s. Str. *armatus*) (in E. c.).—Esser & Schuëtz, 1901, v. 27, 307-308 (in E. c.).—Friedberger, 1874.—Fröhner, 1915a, 157, 242.—Gieb., 1866a, 277 (in E. c.).—Gilloost, 1892, 295.—Graves, 1904a, 153-158, 220-226.—Haase, 1901b, 312.—Hayem, [1874, RMv, 946-947]; 1874, v. 11, 508; 1874, v. 23 (6), 351-353; 1875, v. 36, 260 (in Enten) [see *auratum*, not *armatum* Rud.].—Hinebauch, 1892a, 327-329, 331-332.—Hinrichsen, 1897, 607-608.—Hut. & Mar., 1905, 860, 866, 872; 1906a, 326.—

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King, 1844, v. 17 (193), 20; 1894, v. 67 (795), 172-177, figs. 1-2; v. 67 (797), 332-335, figs. 1-2; v. 67 (801), 664-671, 1 fig.—Knoll, 1908, BtW, 529-532.—Korbelius, 1899, 118, 121.—Kowal., 1904, 7 (22) (in E. c.; Lwów).—Leidy, 1856b, 54; 1891, 235.—Leuck., 1867b, 135, 136, 151; 1868a, 365, 402, 414, 444, 446, 447, fig. 258; 1876a, 881; 1879a, 15, 85, 89, 98, 118, 168; 1886d, 11, 64, 67, 74, 90, 131.—Lineaux, 1887, 311-313.—Lingard, 1905, 50 (in E. c.).—Linst., 1906, 170 (in E. c.); 1903, 270.—Looss, 1900c, 151, 153, 154-155, 156; 1901, 36, 47, 96; 1901, 78; 1905, 54.—Lutz, 1893a, 128 (Hawaii).—Mégn., 1874g, 620; 1884f, 396-397 (in E. c.); 1884g, 622.—Michalik, 1892, 97.—Mol., 1861, 130-134, pl. 7 figs. 4-7.—Montg., 1906, 21 (in ponies; India).—Mosler & Peiper, 1894, 252.—Müch., 1393, 48.—Nassonov, 1899a, 61-86.—Oefele, 1902a, 495.—Pader, 1893, 287-289.—Perronc., 1882a, 361.—Pieri, 1905, 728.—Pöppel, 1897, 1908, July 23, 529-532 (aneurysms).—Place, 1915, v. 18, 855-860.—Rabbaglietti, 1892; 1893a, 188 (in horse); [1893b, 153 (does not mention name; "Verminous aneurism in horse")].—Rail., 1884f, 255-256 (in E. c.; Saumur); 1884g, 301-302 (in horse; Pau); 1893a, 456-461, figs. 313-318 (so. equinum, s. Str. asinus, S. equinus); 1896, 14 (50), 394-407; 1897, 1133, 1134; 1899, 344; 1900, 82.—Schneidem., 1896a, 314 (Sklerost.) (to Str.).—Schneid., 1866a, 133.—Schütz, 1907, AwPT, 72-77.—Shipley, 1896a (1901b), 163.—Sons., 1878, 613 (Sclerost.); 1896a, 333.—Stern, 1901a, 307-308.—Sticker, 1901a, 187-226, pl. 2, 33 figs; 1901b, 253-257; 1902b, 174-175; 1902c, 20-21; 1902d, 211-213; 1902e, 343-344.—Suffran, 1909, v. 66 [n. s.], v. 34 (12), 741-745, 1 fig.—T. A. B. C. (VN), 1910, (324), v. 7, Mar. 19, 157.—Theobald, 1900, 52-55.—Verrill, 1870, 246.—Ward, 1895a, 308, 340 (in E. c.).—Wedl.—Willach, 1890a (1891a), 301; 1891b, 108-118, figs. a-e; 1891, v. 17, 342.—Worthington, 1896a, 165.—Züern, 1882, 256 (to Str.).

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armatum minor Rail., 1884f, 255-256 (in Equus cab.; Saumur).

armatum minor, aneurysmaticus (Rud., 1809) Dies., 1851a, 304-305 (s. Str. armatus, S. a. minor) (in Equus asinus, E. cab.; Europe).

auratum Lütken, 1876, ZR, v. 508 (in ducks; quotes Hayem, 1874, RMv, 946-947) (see also under *armatum*).

bairdi Stoss., 1899d, 133 (79) (mucronatum Baird renamed) (in intest., Phrymarurus palluma).

bidentatum Sticker, [nv.].—Ebhardt, 1909, DtW; 1909, TR, v. 15 (31), 242 (eosinophilia).—Adelmann, 1908, 37; 1908, AwPT, 342, figs. 1-13.—Folger, 1908, 109 (s. Str. armatus).—Fröner, 1915a, 242 (so. Str. armatus).—Hut. & Mar., 1906a, 326, 405; 1910b, 409, 508; 1913b, 509, 512.—Lineaux, 1910, AVR, v. 37, 667.—Stier, AwPT, 1913, v. 39, 435-448, pl. 7.

—, chemo-tactic action of extract of, on polymorphonuclear eosinophiles.—Vallillo, 1908a, 505-526; 1908b, 283; 1908c, 257-279; 1908d, 628; 1909a, 91-92; 1909b, 177; 1909c, 177; 1909d, 184; 1909e, 70-72; 1909f, 256; 1909g, 224-225; 1910a, 162-163.

boularti Mégn., 1884k, 455-461, pl. 30 figs. 1-6 (in Casuaris galeatus; Mus. Paris); 1884s, 727.—Rail., 1898e, 402 (to Syngamus).—Rollet., 1888a, 688.—Stoss, 1899d, 132 (78) (in trachea, C. g.).

brevipene (Mol., 1861) Stoss., 1899d, 132 (78) (in Dryophis fulgidus, Ophis rhodogaster; Brazil).

caninum Erc., 1859a, 313-314, fig. 65 (in Canis fam.; Torino).—Rail., 1893a, 470 (so. Unc. trigonoc.); 1900d, 89.—Ward, 1895a, 343 (in C. f.).

clathratum Baird, 1868b, 262-264, figs. 2-2c (in Loxodonta africana; by Baird).—Lane, 1914, July, 380 (in Indian elephants) (to Grammoc.).—Piana & Stazzi, 1900a, 511, fig. 1; 1901, 416.—Stazzi, 1900a (b), 452, 466 (3, 6) (in Elephas).—Stoss., 1899d, 132 (78) (stomach, E. africanus).

copulatum (Mol., 1861) Rail., 1898b, 174 (s. Str. coherens) (in Agouti); 1898e, 402 (3).—Hall, 1916a, 115 (to Eucyathost.).—Stoss., 1899d, 112 (58) (in Dasyprocta aguti; Brazil).

coronatum (Mol., 1861) Stoss., 1899d, 114 (60) (in intest., Phyllostoma discolor; Brazil).

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- costatum* (Rud., 1819) Duj., 1845a, 260 (intest. d'une couleuvre).—Dies., 1851a, 298.—Looss, 1901, 46.—Stoss., 1899d, 104 (50) (in intest., *Bothrops iara* racca, *Erymnus macrolepidotus*, *Herpetodryas bicarinata*, *Hylophis laevicollis*, *Lachesis rhombeata*; Brazil).
- cyathostomum* Dies., 1851a, 306–307 (*Cyathost. lari* renamed) (in cavo orbitæ, *Larus ridibundus*; by E. Bl.); 1861a, 717–718.—Linst., 1878, 167.—Mol., 1861a (b), 561 (137) (*So. lari*).—Müeh., 1898b, 48 (s. *Str. lari-ridibundi*) (in L. r.).—Par., 1894a, 235 (in L. r.).—Rans., 1904a, 43 (so. *Syngamus lari*).—Stoss., 1899d, 100 (46) (so. *Syng. lari*).
- dentatum* (Rud., 1803) Rud., 1809a, 209 to *Str.* (*Sclerost.*).—Blainv., 1828a, 545 (intest., *Susscrofa*) to *Sclerost.*—[Anacker, 1892k, 396 (? of Rud. or of Dies.).]—Cobbold, 1873c, 123 (in hog); 1879b, 412 (in intest., swine) (to *Str.*).—Dav., 1877a, cxiv, 231 (in pig).—Dies., 1851a, 305–306.—Eberth, 1863a, 64, 65, 66, 67, 68, 70, 71, pl. 8 fig. 3 pl. 9 fig. 5.—Looss, 1901, 47.—Mol., 1861a (b), 445 (21) (so. *Oesophagost. subulatum*).—Nordm., 1840a, 650 (to *Str.*).—Perronc., 1891, 211.—Rail., 1893a, 451 (= *Oesophagost.*).—Schulthess, 1882a, 190.—Smidt, 1906a, 648 (of Looss).—Stoss., 1899d, 94 (40) (to *Oes.*).—Verrill, 1852.—White, 1859b, 428.—Züern, 1882a, 263 (to *Str.*).
- dentatum* (Dies., 1839) ? Leidy, 1856b, 54 (of Rud.) (in liver, hog); 1904a, 100.—Bail., 1866b, 56.—Dies., 1861a, 717.—Looss, 1905, 19.—Mol., 1861a (b), 445 (21) (so. *Oesophagost. subulura*).—Sl. & Sw., 1912a [386], 518.—Stoss., 1899d, 101 (47) (to *Stephanurus*).
- dimidiatum* (Dies., 1851) Stoss., 1899d, 105 (51) (intest., *Rhea americana*; Brazil).
- diploodon* Stoss., 1899d, 115–116 (61–62) (*Diploodon mucronatum*, 1861 renamed) (in intest., *Dasyus gilvipes*; Brazil).
- dispar* Dies., 1851a, 303 (*trachea*, *Felis concolor*; Brazil); 1861a, 717.—Cobbold, 1879b, 309 (in lungs, puma).—Looss, 1901, 47.—Mol., 1861a (b), 565 (141) (to *Syngamus*).
- duodenale* (Dubini, 1843) Cobbold, 1864b, 361–362, fig. 77; 1866a, 5; 1867, 5.—Aitken, 1866, 805, 862; 1872, 146, 176; 1874, 57.—Braun, 1903a, 294; 1908a, 330; 1915a, 352.—Brumpt, 1910a, 365; 1913a, 428.—Cast. & Chalm., 1910a, 432; 1913a, 554.—Dunl., 1893 (1895a), 821, 992 (in *Homo*; Egypt. N. Italy).—Fagge & Pye-Smith, 1902a, 466.—Huber, 1896a, 597.—Nev.-Lem., 1902a, 107; 1908a, 438.—Parkes, 1891, 80.—Rail., 1893a, 465 (to *Unc.*).—Simon, 1897a, 226.—Sl. & Sw., 1912a, 332.—Stev. & Murphy, 1892, v. 1, 274 (to *Doch.*).—Stiles, 1902, 192; 1903l, 21.—Tyson, 1903a, 1193.—Ward, 1895a, 311, 331 (in H.); 1903, 221.—Wucherer, 1869, 183.
- edentatum* Looss, 1900c, 153, 155 (in *Equus* cab.; Tokio & Coll. Spengel); 1901a (1902), 38, 39 (in horse, donkey), 49, 51, 53, 55, 60, 72, 77, 78 (sp. diag.), 135, pl. 1 figs. 6–10, 11.—Adelmann, 1908, 40.—Fiebiger, 1912a, 281, figs. 195, 197.—Fröhner, 1915a, 242.—Gough, 1908, 4 (in *Equines*; Transvaal).—Hartog, 1914, 528–529; 1914, BtW, 428.—Hut. & Mar., 1906a, 405; 1910b, 509; 1913b, 509, 511, 512, fig. 14.—Ihle, 1917, 164.—Lienaux, 1910, AVR, v. 37, 667.—Martin, 1910, v. 37 (1–2), 106–151 (1–50), tables 1–7, pl. 1 figs. 1–6 (*Sklerost.*).—Maupas & Seur., 1916, 614.—Neum. & Mayer, 1914a, 448.—Nev.-Lem., 1912a, 742.—Place, 1915, 856.—Rail. & Henry, 1902a, 111, 112 (in E. c.).
- edontatum* Looss, 1901a (1902), 50 (misprint for *edentatum*).
- epistomum* Piana in Piana & Stazzi, 1900a (b), 467, 468, 469 (6, 7, 8) (in *Elephas*); 1900a, 511, 515–518, 519, 524, 528–529 (6, 7, 8), figs. 6–9 (in *Elephas indicus*; India); 1901, 416.—Galli-Val., 1901c, 360 (in E.).—Lane, 1914, July, 380 (in E.).
- equinum* (Müell., 1784) Blainv., 1828a, 545 (in horse).—Adelmann, 1909, v. 13, 261–262; 190–?, v. 34, 297–342 (in h.).—Anacker, 1892k, 396.—Assénova, 1899, 104.—Bail., 1866b, 14, 23, 47–51, 52, 55 (s. *Str. armatus*).—Baird, 1861f, 271–272; 1861g, 502–503.—Barrier, 1894, 327–328.—R. Bl., 1889d, 708; 1895b, 120–127; 1906, 373.—Bondouy, 1908, Pm, v. 16 (95), 768; 1908, CrAs, v. 147 (20), 928–930; 1909, Rv, v. 34 (3), 162 (hemolytic alkaloid); 1909, BIP, v. 7 (4), 176–177; 1910, AdP, v. 14 (1), 5–39.—Braun, 1903a, 298.—Cadiot, 1893, 57–58.—Campb. & Lacr., 1907, 75–76 (*Sclerast. treatment*).—Carey, 1892, 355–357.—Clansy, 1884, 302–303.—Cobbold, 1876f, 6.—Cohn, 1899a, 14, 19, 21.—Conte, 1900c, 846–848; 1904, 4.—Conte & Bonnet, 1903, 199; 1904, v. 50, 68.—Cocu & Hue, 1896a, 394–395 (in horse).—Cory, 1917, QAJ, 121 (treatment).—Curtice, 1890c, 161, 162.—Dies., 1851a, 303, 305 (so. *S. armatum*).—Domenico, 1906, ASISn, v. 17, 85–87 (in *Canis fam.*).—Duj., 1845a, 257–259

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equinum—continued.

(s. *Str. armatus*, *S. equinus*, *S. a. minor*).—Duncan, 1887b, 389–390.—Dyer, 1901, 94.—Fiebiger, 1912a, 280, fig. 196.—Francis, 1894, 451.—Francke, 1894, 507–509.—Fröhner, 1915, 242.—Galli-Val., 1898n, 376; 1901c, 360 (in *Equus cab.*); 1908, 611.—Garin, 1913, 7, 8, 33.—Giles, 1902b.—Hempelm., 1912a, 108.—Hut. & Mar., 1906a, 404; 1910b, 508; 1913b, 509, 511, 512.—Ihle, 1917, 164, 165.—Isola, 1906, v. 17, 85–87 (encysted in stomach wall, *C. fam.*; by Isola).—Jammes & Martin, 1908, 208, 209.—Kholodk., 1899a, 175, fig. 208.—King, 1887, 391; 1894, 172–177.—Kinsley, 1914, 148, 166.—Knoll, 1908, BtW, 529.—Korbelius, 1899a, 118, 121.—Kowal., 1904, v. 38, 22 (7) (in *E. c.*; Lwów).—Krabbe, 1866e, 40–46; 1866f, 361.—Leuck., 1867b, 135, 136, 151; 1868a, 365, 402, 414, 444, 446, 447, fig. 258; 1876a, 881; 1879a, 85, 89, 98, 118, 168; 1886, 64, 67, 74, 90, 131.—Lingard, 1905d, 50 (in horse).—Lindquist, 1867b, 300–302.—Linst., 1903u (1904a), 270 (6) (in *E. hemionus*; Tibet); 1906, v. 3 (11), 170 (in horse; Colombo).—Looss, 1900c, 153, 154–155, 156 (= *Str. armatus* = *neglectus*); 1901, 35; 1901, 77 (so. *Scl. edentatum*); 1901, 36, 38, 42, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 59, 60, 62, 67, 72, 73, 76–77 [sp. diag.], pl., 1 figs. 1–5, 11, 85, 121, 135; 1905, 19; 1911a, 324.—Martin, 1913, 4, 36, 64, 67–68, 121, 127.—Maupas & Seur., 1916, 614.—Mégn., 1874g, 620.—Mosler & Peiper, 1894a, 252.—Müch., 1898b, 48 (in *E. c.*).—Neum. & Mayer, 1914a, 447, 448.—Nev.-Lem., 1912a, 729.—Oefe, 1902a, 495.—Pader, 1893b, 287–289.—Pieri, 1905c, 728.—Pöppel, 1897a, 1–57, figs. 1–31.—Rail., 1893a, 456–461, figs. 313–318; 1899g, 344; 1900d, 82.—Rail. & Henry, 1902a, 110, 111, 112.—Ratz, 1898d, 303, 304.—Repiquet, 1899, 650–652.—Saunders, 1914, 132, 137.—Scheiber, 1880, 164.—Schneid., 1866a, 133 (so. *Str. armatus*).—Shipley, 1898e, 629; 1909f, P. v. 1, in 263–279.—Sl. & Sw., 1912a, 384, 385, 402, 403, 404, fig. 208.—Smith (A. J.), 1908a, 268 (in *E. c.*; Iowa).—Sticker, 1902e, 343–344.—Stoss., 1899d, 109–110 (55–56) (in *E. asinus*, *E. c.*, *E. mulus*).—Stiles & Hass., 1894e, 345 (in *E. asinus*, *E. c.*).—Theobald, 1898a, 21–24 (in horse) (thymol, treatment).—The Veterinarian, 1894, 169–172.—Vaull., 1901a, 122, 125.—Verrill, 1870, 178; 1870, 246, 247 (fig.).—Ward, 1895a, 308–311, 340 (in *E. c.*); 1897b, 186–189, figs. 10–12 (in horse; Nebraska).—Weinberg, 1907o, 533–538 (26–31); 1907s, 798–807 (action on blood); 1908, 533–534; 1908, v. 64 (14), 673–674; 1908t, 49.—Williams, 1887, 391; 1911 (435), v. 67, 551.—Wucherer, 1869, 171, 183.—Züern, 1882a, 256 (so. *Str. armatus*).

equinum Krabbe, 1866e, 40–46; 1866f, 361 [nv.] (for *equinum*).

ersiliae (Stoss., 1896) Stoss., 1899d, 107 (53) (in *Python molurus*; India).

filaria (Rud., 1809) Braun & Lûche, 1910a, 205 (in sheep).

galeatum (Rud., 1819) Duj., 1845a, 260 (intest. *Podinema teguixin*; Brazil).—Dies., 1851a, 297 (renamed *Diaphanoc. strongyloides*).—Looss, 1901, 46.—Mol., 1861a (b), 582 (158) (so. *D. s.*).—Stoss., 1899d, 103–104 (49–50) (s. *D. s.*) (in *Coluber* sp., *Ctenodon nigropunctatus*, *Dendrophis pictus*, *Podinema scripta*, *P. teguixin*, *Thorictus dracæna*; Brazil, Sumatra).

hexacanthum Wedl, 1856a, 52 (tetracanthum renamed), 53, pl. 3 figs. 31–33.—Mol., 1861a, 454 (30) (so. *Cyathost. t.*).—Rail., 1893a, 461 (so. *t.*).—Ward, 1895a, 340 (in *Equus cab.*).

hypostomum (Rud., 1819) Duj., 1845a, 255–257 (s. *Str. cernuus*) (in *Antelope rupicapra*, *Cervus capreolus*, *Ovis aries laticaudata*, *O. ammon*; Mus. Wien).—Bail., 1866b, 23 (*hypostomun*), 54–56.—Bénion, 1874a, 628 (in sheep).—Borgeaud, 1898a, xlviii–xlix; 1899a, 435.—Blgr., 1914, v. 7 (3), 242 (so. *Chabertia ovina*).—Campb. & Lacr., 1907, 76 (*Sclerast.*).—Caurcut, 1911, 208–209.—Cobbold, 1876f, 6.—Curtice, 1890c, 16, 145, 161–164, 168, pl. 23.—Dewitz, 1892b, 133, fig. 99.—Fiebiger, 1912a, 286.—Galli-Val., 1898c, 8.—Gough, 1908, 4 (in sheep; S. Africa).—Hornby, 1913, 540, 541, 542, 543.—Hut. & Mar., 1906a, 408; 1910b, 515; 1913b, 216, fig. 76.—Ihle, 1917, 166.—Leuck., 1867b, 19, 34, 45, 55, 135, figs. 8, 17, 105; 1868a, 402, 415, 444.—Looss, 1901, 46, 47, 60; 1905, 54.—Mol., 1861a (b), 558–560 (134–136) (in *Ant. rup.*, *A. dorcas*, *A. leucoryx*, *Capra ar. erythrocephala*, *C. a. hispanica*, *C. a. laticaudata*, *C. hircus*, *C. h. mambrius*, *C. ammon*, *Cervus dama*, *C. elaphus*, *C. capreolus*).—Müch., 1898b, 48 (in *C. h.*).—Nev.-Lem., 1912, 726.—Olss., 1869b, 482.—Rail., 1888k, 217, 218 (in chab. *chèvre*, *mouton*); 1893a, 463–464, fig. 321 (s. *Str. ovinus*); 1900, 106 (so. *Monodontus trigonoc.*).—Rans., 1911a, 30 (so. *M. t.*), 35 (so. *Chabertia ovina*).—Sl. & Sw., 1912, 386, 402.—

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hypostomum—continued.

- Stewart, 1898a, 325.—Stiles & Hass., 1894e, 345 (in *Ovis ar.*).—Stœdter, 1901a, 7, 75.—Stoss., 1899d, 102 (48) (so. *ovinum*).—Verrill, 1870g, 65.—Ward, 1895a, 337 (in *O. a.*).
- hypostomum* Bail., 1866b, 23 (misprint for *hypostomum*).
- inermis* (Mol., 1861) Stoss., 1899d, 106 (52) (in *Bothrops ijaraca*, *Crotalus horridus*; Brazil).
- isotrichis* Stoss., 1899d, 132 (78) (for *isotricis*) (in *Isotrix pachyura*).
- isotricis* Mol., 1861a (b), 560 (136) (s. *Str. loncheris*) (in *Isotrix pachyura*; Brazil, M. C. V.).—Hall, 1916a, 108 (so. *Str. isotrichis*).—Stoss., 1899d, 132 (*isotrichis*) (in *Echinomys antricola*, I. p.; Brazil).
- kalicephalum* Stoss., 1899d, 106 (52) (*Kalic. mucronatus* renamed) (in *Crotalus horridus*; Brazil).
- labratum* Looss, 1900c, 159 (in *Equus*; Egypt).
- lari* (E. Bl., 1849) Mol., 1861a (b), 561 (137) (in *Larus ridibundus*; by E. Bl.) (s. *Sclerost. cyathostomum*).—Rans., 1904a, 43 (to *Syngamus*).—Stoss., 1899d, 100 (46) (to *Syn.*).
- longecirratum* (Linst., 1879) Stoss., 1899d, 114–115 (60–61) (intest., *Bos grunniens*).—Nev.-Lem., 1912a, 743.
- longesubulatum* (Mol., 1861) Stoss., 1899d, 113 (59) (in *Cervus campestris*, C. rufus; Brazil).—Rans., 1911a, 38 (to *Eucyathost.*).
- minor* Rail., 1884f, 225–256 (testicle, *Equus cab.*; Samur) (*Sc. armatum minor*).
- molini* Stoss., 1899d, 115 (61) (*Diploodon quadridentatum* renamed) (in *Mycetes coraya*; Brazil).
- monodon* (Linst., 1882) Stoss., 1899d, 115 (61) (in *Oidemia nigra*; Hameln).
- monostechum* Cobbold, 1879b, 402 (misprint) (in *Tapirus americanus*).
- monostichum* Dies., 1851a, 306 (in *Tapirus americanus*; Brazil; M. C. V.); 1857, 22, pl. 3 figs. 15–24; 1861a, 717.—Looss, 1901, 47.—Schneid., 1866a, 142 (to *Str.*).—Stoss., 1899d, 96 (42) (to *Oesophagost.*).
- mucronatum* (Frœl., 1791) Stoss., 1899d, 108–109 (54–55) (s. *Str. anseris*, *Str. nodularis*, *Str. crispinus*, *Str. nodulosus*) (in *Anser dom.* (Greifsw.), *Anas acuta*, *A. leucops*, *A. strepera* (Wien), *A. albifrons* (Helsingfors), *A. segetum* (Wien), *Bernicla leucopsis*, *Bucephala clangula*, *Fulix marila*, *Fulica atra* (Monaco, Venezia), *Fuligula cristata*, *Mareca penelope*, *Oidemia fusca*, *O. nigra*, *Querquedula crecca*, *Q. circia*, *Somateria mollissima* (Helsingfors)).—Gedølst, 1903a, 56, 106 (in *Anser cinereus dom.*).—Kowal., 1902d, 25 (7) (in *Anas dom.*; Dublin).
- mucronatum* Baird, 1862c, 314 (in *Phrymaturus palluma*; from Chili).—Stoss., 1899d, 133 (79) (so. *bairdi*) (in *P. p.*).
- ovinum* (Fabr., 1794) Rail., 1893a, 463; 1900d, 82.—Kowal., 1902d, 12, 30 (s. *Str. hypostomus*).—Rans., 1911a, 35 (to *Chabertia*).—Stoss., 1899d, 102–103 (48–49) (s. *Doch. hypostomus*, *Sclerost. hypostomum*, *Str. hypostomus*) (in intest., *Antelope dorcas*, *A. leucoryx*, *A. rupicapra*, *Capra hircus*, *Cervus capreolus*, *C. dama*, *C. elaphus*, *Ovis ammon*, *O. argali*, *O. aries*).
- pelecani* Chatin, 1874a, 6–11, 17, pl. 1 (8), fig. 12 pl. 2 (9) figs. 1–3 (in *Pelecanus onocrotalus*; Mus. Paris).—Seur., 1916, 360 (in *P. o.*).—Stoss., 1899d, 133 (79) (in *P. o.*).
- pinguicola* Verrill, 1870, 179, 248, 249 (fig.); 1870g, 223–224, 1 fig.; 1870h, 1–2, fig. 1 (in kidney, *Sus scrofa dom.*; Conn.).—BG, 1906, v. 49 (5), 247–248.—Cary, 1915, Bull. 185, AAES, 43–44.—Cobbold, 1873c, 119; 1879b, 409.—Cultivator & Country Gentleman, Albany, 1872, v. 37, 586.—Dietrich, 1910, v. 57 (12), 747–748.—Fiebiger, 1912a, 287.—Henry, 1909, v. 20 (4), 319–320, figs. 1–3.—Leuck., 1876a, 881; 1879a, 180.—Linst., 1903u (1904a), 270 (6) (in *S. s. dom.*; Rennes).—Looss, 1894, v. 20 (6), 561; 1905, 19.—Magal., 1894d, 821; 1894e, 292–297, 1 fig.—Mayo, 1910, v. 57 (14), 866.—Musson, 1908, v. 18, 634–635.—Orange Judd Farmer, Chicago, 1900, v. 8 (15), 237.—Rail., 1893a, 452 (so. *Stephanurus dentatus*).—Schneidem., 1896a, 319 (*pinguicola*) (so. *dentatus*).—Seiler, 1902a, 32.—Sl. & Sw., 1912a, 386.—Tayler [Jones], 1900a, 612–637, figs. 30–45 (s. *Stephanurus dentatus*, *S. nattereri*, *Str. dentatus*) (in *S. s. dom.*; America, Australia); 1903a (8); 1903b, 197–198; 1904a, 13.—Ward, 1895a, 308.—Züern, 1882a, 278 (so. *Steph. d.*).
- pinguicola* Schneidem., 1896a, 319 (for *pinguicola*).

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- quadridentatum* Duj., 1845a, 258 (in *Equus cab.*).—Adelmann, 1908, 40.—Anacker, 1892k, 396.—Dies., 1851a, 305 (renamed *Sclerost. tetracanthum*).—Fiebiger, 1912, 280.—Frœhner, 1915a, 242.—Hut. & Mar., 1906, 404; 1910b, 508; 1913, 509.—Küsch., 1855, 298.—Looss, 1901, 35; 1901, 47.—Nev.-Lem., 1912a, 743.—Schneid., 1866a, 134 (so. *Str. tet.*).—Ward, 1895a, 340 (in *E. c.*).
- rectum* Linst., 1907, v. 3 (3), 255, pl. 6 fig. 11, pl. 7 fig. 12 (in *Elephas africanus*; Kamerun).—Lane, 1914, IJMR, 391 (possibly a *Murshidia*).
- robustum* Giles, 1892b, 25–30, figs. 1–5 (in *Equus mulus*; India).—Looss, 1900c, 190; 1901, 84, 85, 86, 119, 120.—Montg., 1906, 21 (in ponies; India).—Rail., 1893a, 463.—Rail. & Henry, 1902a, 110 (type of *Oesophagodontus*).—Stoss., 1899d, 112–113 (58–59) (intest., *Equus cab.*, *E. m.*; India).—Ward, 1895a, 340 (in *E. c.*).
- rubrum* Theobald, 1898a, 21–23 (in horse) (quotes also J. S.—E. Agric. College; Ing.).; 1900a, 55–56.
- rufescens* (Leuck., 1865) Braun & Lûhe, 1910a, 205.
- sipunculiforme* Baird, 1859c, 425–427 (in elephant); 1868b, 262–264, figs. 1–1c (in Indian elephant; by Baird).—Cobbold, 1882a, 224, 226–230, 231, 232, fig. 1, pl. 23 figs. 1–2, 6–8 (in *Elephas indicus*).—Dies., 1861c, 281 (in *E. i.*; Lond.).—Lane, 1914, July, 380 (in Indian elephants), 382 (in *E. i.*).—Mitter, 1912, 111, figs. a–b 1 (in *E. i.*).—Piana & Stazzi, 1900a, 511, 527–528; 1901, 416.—Stazzi, 1900a (b), 452, 453, 467 (3, 5, 6) (in *E.*).—Stoss., 1899d, 114 (60) (in *E. i.*).
- species King, 1844a, 20 (in scrotum, horse; Eng.).
- species Galli-Val., 1901c, 361 (in elephant; Milan).
- species Morgan, 1868, 73 (in badger) (*Sclerostema*).
- species Piana & Stazzi, 1900a, 518–519, figs. 10–11 (in colon, Indian elephant).
- species Theobald, 1897b, 3–9, figs. 1–6 (in Arab horses) (*Sclerostomum*).
- spinuliferum* (Baird, 18—[nv]) Cobbold, 1879b, 393 (in elephant).
- spinulosum* (Linst., 1879) Stoss., 1899d, 111–112 (57–58) (in *Capra ibex*).—Rans., 1911a, 40 (to *Eucyathost.*).
- strumosum* (Mol., 1861) Stoss., 1899d, 106 (52) (intest., *Coluber lichtensteini*; Brazil).
- struthionis* Horst, 1885b, 263–268, pl. 8 figs. 1–6 (in *Struthio molybdophanes*; Zool. Gard., Rotterdam).—Linst., 1889a, 47.—Rail. & Henry, 1911, 754.—Stoss., 1899d, 112 (58) (in *S. m.*).
- subulatum* (Mol., 1861) Stoss., 1899d, 107 (53) (in intest., *Boa constrictor*, *Bothrops ijaraca*, *Lachesis rhombata*; Brazil).
- syngamus* Dies., 1851a, 302–303 (s. *Fasc. trachea*, *Dist. lineare*, *Syngamus trachealis*, *Str. trachealis*, *S. meleagris-gallopavonis*) (in *Anas boschas dom.*, *Corvus pica*, *Cypselus apus*, *Meleagris gallopavo*, *Pavo cristatus*, *Perdix cinerea*, *Phasianus gallus*, *P. colchicus*, *Picus viridis*, *Sturnus vulg.*; America, Eng., Germany, Ireland, Rennes); 1861a, 717 (s. *Str. t.*, *Str. pictus*) (in *Corvus cornix*, *Ph. g.*; Phila.).—Cobbold, 1861a, 439–443; 1861b (c), 304–311 (550–551), figs. 1–6; 1864b, 362; 1866b, 5 (in chicken, partridge); 1869a, 67 (in fowl, grey partridge, pheasant); 1879b, 440, 443, 445.—Dav., 1877a, cxii, cxiv–cxv, figs. 23, 37–38, 63 (in coq, dindon).—Dungl., 1893, 992.—Hass., 1896a, 6 (so. *Syng. t.*); 1896b, 2.—Lab., 1875, 260.—Looss, 1901, 47.—Még., 1882, 990, 1045; 1883a, iv+1–22, pls. 1–2.—Nev.-Lem., 1912a, 745.—Paaren, 1870a, 149–150, fig. 99 (in chickens; U. S. A.).—Perronc., 1882a, 372.—Rail., 1893a, 453.—Renne, 1880a, 11–12.—Veterinarian, 1876, 708.—Wucherer, 1866, 63.
- tadornæ* (Chatin, 1874) Linst., 1878a, 152 (in *Tadorna vulpanser*).
- tetracanthum* (Mehl., 1831) Dies., 1851a, 305 (s. *quadridentatum*, *Strongyli armati proles*) (in *Equus asinus*, *E. cab.*, *E. mulus*; Berl., Brazil) (divided into var. *minor* and *major*).—AVR, 1909, v. 36 (2), 271.—Anacker, 1892k, 396.—A., D., & E., 1901b, 5.—Bail., 1866b, 51–53, 55.—Bochborg, 1910, v. 22, 489.—Braun, 1903a, 298.—Buffington, 1892a, 734–741; 1893a, 564–573 (in horse).—Campb. & Lachr., 1907, 76 (*Sclerast.*).—Cobbold, 1875c, 243.—Cocu & Hue, 1896a, 407 (in horse).—Cory, 1917, QAJ, 121 (treatment).—Curtice, 1890c, 161, 162.—Dav., 1877a, cxiv, 229.—Duncan, 1887b, 389–390.—Fiebiger, 1912, 285.—Frœhner, 1915a, 249.—Galli-Val., 1898n, 376.—Garin, 1913, 8.—Giles, 1892a (7), 1–23, figs. 1–19; 1902b, figs. 6–11.—Hart,

SCLEROSTOMA—Continued.

tetracanthum—continued.

1875a, 581-585.—Hut. & Mar., 1906a, 405; 1910b, 509; 1913a, 509.—Ihle, 1917, 164.—Kinsley, 1914, 166.—Korbelius, 1899a, 118, 121.—Leuck., 1868, 41; 1868a, 444, 446, 447, fig. 256; 1879a, 27, fig. 14; 1886d, 20, fig. 14.—Linst., 1904f, 9 (of Wedl. to Cylichnost.).—Looss, 1900c, 156, 159 (to Cyathost.); 1901, 47, 87, 88, 93, 96, 104, 120, 121, 122; 1911, v. 4, 324.—Montg., 1906, 21 (in ponies; India).—Mosler & Peiper, 1894a, 252.—Oefele, 1902a, 495.—Place, 1915, 855.—Probstmayr, 1863a, 131-133.—Rail., 1893a, 461 (s. *Sclerost. quadridentatum*, *Sclerost. hexacanthum*); 1897, 1133, 1134; 1899g, 344.—Rail. & Henry, 1902a, 110.—Ratz, 1898a, 880, 881; 1898d, 302, 303, 304.—Richardson, 1911, v. 8 (374), 128-129 (anemia).—Savournin, 1889, 831-835.—Schneidem., 1896a, 315 (*tetracanthum*).—Sl. & Sw., 1912a, 385, 402.—Sons., 1892e, (i), 94, (4); 1896a, 333.—Stiles & Hass., 1894e, 345 (in *Equus cab.*).—Stoss., 1899d, 110-111 (56-57) (in E. a., E. c., E. m.; Europe, India, Brazil).—Stringer, 1903a, 1047-1052; 1903b, 287-292; 1903c, 352-353; 1903d, 732-734.—Theobald, 1898a, 21 (in horse); 1900a, 55-56.—Vauil., 1901a, 125, 133.—Verrill, 1870, 178.—Ward, 1895a, 340 (in E. c.).—Wilkie, 1896, 18-21.—Willach, 1891, v. 17, 342.—Vet. J., 1909, 408-409.—Wolffh., 1911, 71.—Wucherer, 1869, 183.

tetracanthum Schneidem., 1896a, 315 (for *tetracanthum*).

tracheale (Sieb., 1836) Dies., 1851a, 303 (trachea, *Ciconia nigra*, *Corvus cornix*; by Nathusius and Crep.); 1861a, 717 (in C. n.).—Dolley, 1894a, 1010 (to *Syngamus*) (in *Gallus dom.*).—Looss, 1901, 47.

vipera (Rud., 1819) Stoss., 1897a (1898a), 6 (in *Callopeltis æsculapii*); 1898c, 87 (in C. a., *Vipera ammodytes*; Nabresina, Trieste); 1899d, 104-105 (50-51) (s. *Doch. vallei*) (in C. a., V. a., V. redii; Nabresina, T.).

vulgare Looss, 1900c, 152, 153, 155-156 (*Str. armatus* Rud. nach Pöppel); 1901a (1902, May 13), 39 (in donkey, horse); 1901, 37, 38, 39, 49, 50, 51, 53, 54, 55, 60, 61, 62, 63, 64, 65, 66, 67, 72, 73, 74, 75, 78 [sp. diag.], pl. 2 figs. 12-19, 80, 96, 101, 121, 136, 138; 1911a, 324, 327, 515, pl. 15 fig. 162.—Carougeau & Marotel, 1903, 447.—Fiebiger, 1912a, 281.—Gough, 1908, 4 (in equines; S. Africa).—Hartm., 1916, 221-236, figs. 1-8.—Hut. & Mar., 1906a, 326, 405; 1910b, 409, 508; 1913b, 509, 511.—Ihle, 1917, 164.—Jägers., 1909 (25), 15, 27.—Jammes & Martin, 1908, 208, 209.—Martin, 1913 (1914), 4, 36, 64, 67-68, 121, 127.—Neum. & Mayer, 1914a, 74, 448.—Nev.-Lem., 1912a, 742.—Rail. & Henry, 1902a, 111-112 (in âne, cheval).—Sambon, 1908f, 34 (in horse).—Smidt, 1906a, 648.

SCLEROSTOMATA Rud., 1809a, 204.—Brems., 1824a, 127 (subdivision of Str.).—Duj., 1845a, 254 (see *Sclerost.*).

Sclerostomes (English and French vernacular name for *Sclerostoma*).—Albrecht, 1909, ZV, 161; 1916, v. 6, 74-78.—Galli-Val., 1901c, 361 (for *Sclerost.*).

SCLEROSTOMI Crep., 1839a, 280-281 (division of Str.).

Sclerostomiasis (name of infection).—Annett, 1911, 47-68; 68-76 (equines).—BtW, 1912, v. 28, 299.—Douma, 1917, TvD, v. 44, 249-260, 271-288.—Eichert, 1910, v. 9, 38.—Hummel, 1908, 13-15, figs. 1-5 (in horse); 1908, v. 84, 550-580, pls. 13-15 figs. 1-3.—Lienaux, 1910, DtW, v. 18, 475 (in horse); 1910, AVR, v. 37 (5), 666-667 (in horse).—Mack, 1909, Ag. Ex. St. Nev., 1-96, pl. 1 (equine anemia).—Perkins, 1916, v. 3 (3), 107-110.—Schlegel, 1907, 49, 67; 1909, RgMv, v. 14, 186-188 (sclerostomiasis du cheval).—VJVBT Preuss., 1912, 30.—Vallillo, 1909a, 91-92 (eosinophilia); 1909b, 177; 1909e, 70-72; 1909g, 224-225; 1910a, 162-163.—Zimmerman, 1913, MtW, 475 (Sclerostomiasis).

enzootica Hut. & Mar., 1910b, 511.

equorum Hut. & Mar., 1910b, 508; 1913b, 508-514.

SCLEROSTOMIDAE Baird, 1853a, 28 (includes *Cucullanus*, *Sclerost.*, *Syngamus*, *Stenurus*).—Lane, 1917, IJMR, 424.—Looss, 1900, 150-160, 184-192; 1901a (1902), 25-139, pls. 1-13 figs. 1-172 (of horses and donkeys, Egypt); 1901a, 32, 42, 53, 54, 71, 72, 103; 19021, 450; 1903i, 2245; 1904h, 11-13.—Rail., 1900e, 102-107; 1902b, 107-110 (of ruminants).

SCLEROSTOMIDEA Dies., 1861a, 621-622, 715-718 (subf. of *Strongylidea*, contains *Doch.*, *Sclerost.*, *Stephanurus*).—Carus, 1863, v. 2, 464 (subf., contains *Sclerost.*, *Doch.*, *Stephanurus*).

- SCLEROSTOMINÆ** Rail., 1898e, 402; 1899d, 130; 1900e, 105, 1905, 270.—Cast. & Chalm., 1910a, 432.—Fiebiger, 1912a, 276.—Looss, 1904, 9; 1905, 29.—Nev.-Lem., 1908, 416 (contains Oesophagost., Triodontophorus, Unc.); 1912a, 646.—Rail. & Henry, 1905 (Apr. 14), 644; 1909a, 85; 1909b, 168; 1910, 311; 1912, 562, 563.—Stiles, 1902, 185; 1903, 14.—Stiles & Hass., 1899a, 164 (subf. of Strongylidæ, contains: Sclerost., Unc.).—Stoss., 1898c, 86; 1899d, 55, 94 (contains: Sclerost., Oesophagost., Ollulanus, Stephanurus, Syngamus, Unc.).
- SCLEROSTOMUM** Duj., 1845a, 3, 244, 254-260, 263 (for Sclerostoma).
- SCLEROTHRICUM** Nordm., 1840a, 660 (for Sclerotrichum).
echinatum (Rud., 1809) Nordm., 1840a, 660.
- SCLEROTOMINÆ** Nev.-Lem., 1908, 416.
- SCLEROTRICHUM** Rud., 1819a, 223 (mt. *echinatum*=*Tænia spirillum*).—Duj., 1845a, 40-41.—Eberth, 1863a, 43, 44.—Nordm., 1840a, 660.—Stiles & Hass., 1905b, 136.—Trav. 1915, v. 7 (2), 147.
echinatum (Rud., 1809) Duj., 1845a, 41 (s. *Mastigodes lacertæ*, *M. spirillum*, *Tænia spirillum*, *Trichoc. lacertæ*, *T. spirillum*; (in *Lacerta apus*, *Pseudopus serpentinus*; by Pall.).—Nordm., 1840a, 660 (to *Trichoc.*).
- SCLEROTOMA** Westwood, 1851, 645 (for Sclerostoma, in horse and hog).
- SCLOSTOMUM** Sons., 1878, 613 (misprint for Sclerost.).—Stiles & Hass., 1905b, 136.
- SCOLEXIA** Raf., 1815, 151 (subf. of Ascaridia, contains: *Scolex* Müell., *Tentacularia* Bosc, Asc. L., *Spherurus* Raf., *Tetracula* Bosc, *Hexostoma* Raf., *Polystoma* Roche, *Crinopsis* Raf.).
- SECERNENTES** Linst., 1902, 769; 1905cc, 272 (division of Nematoda); 1906, v. 47, 112 (group); 1907, v. 3, 3; 1909 (15), 48 (contains *Cucullanus*, *Oxyuris*, *Syngamus*, *Dacnitis*, Str., Asc., *Spiroxys*, *Ophiost.*, *Oxysoma*, *Nematoxys*, *Rictularia*, *Cheiracanthus*, *Tropidocerca*, *Het.*, *Physalopt.*, *Spiropt.*, *Ancyracanthus*; 1909, 63 (contains *Hedruris*); 1909, 66 (contains Asc., *Physalopt.*, *Het.*, *Cheiracanthus*, *Lecanoc.*, *Cucullanus*, *Sclerost.*, *Peritrachelius*, *Ancyracanthus*, *Dacnitis*, *Spiropt.*, *Proleptus*, *Oxyuris*, *Cheilospirura*, *Ophiost.*, *Oxysoma*, *Nematoxys*, Str., *Ankylost.*, *Pteroc.*, *Tropidocerca*, *Labiduris*, *Sphærulearia*, *Oxynema*, *Cloacina*, *Atractis*, *Gongylonema*, *Amblyonema*, *Hedruris*).—Rail. & Henry, 1911, 578.
- SELACHINEMA** Cobb, 1915, 113-116 (mt. *ferox*) (*Enoplidæ*); 1915, YUSDA, 486; 1917, 119.
ferox Cobb, 1915, 113-116, fig. 1 (on calcareous algæ near low tide mark; Colon, Panama).
- SERRADACNITIS** Lane, 1916, IJMR, v. 4, 99 (tod. *serrata*).
serrata Lane, 1916, 97-99 (in *Tryonix gangeticus*; Coll. Southwell) figs. 1-10.
squali (Duj., 1845) Lane, 1916, 99.
- SERRATOSPICULUM** Skrj., 1915, VOv, 131, 132, 133-135 (tod. *turkestanicum*); 1916, 461, 546 (*Filariidæ*); 1917, P, 478, 479, 480.
foveolata (Mol., 1858) Skrj., 1915, 132, 133; 1916, 546, 548.
guttata (Schneid., 1866) Skrj., 1915, 132; 1916, 564.
turkestanicum Skrj., 1915, 131, 132-133, figs. 1-4 (in *Falco timunculus*; Turkistan); 1916, 461, 547-550, figs. 55-58 (in F. t.).
[? *cerrucosum* (Mol., 1858c) Skrj., 1916, 546, 551 (in *Falco swainsoni* (combination not made).]
- SERTICEPS** Rail., 1916, JP, v. 2 (3), 99, 100, 103 (tod. *vulvoinflata*) (*Thelaziidæ*).
vulvoinflatus (Mol., 1860) Rail., 1916, 103 (in *Trochilus ochropygus*).
- SETA** Legrand, —?, v. 26, 105 [nv.].—Lam., 1801a, 329 (so. *Gord. aquaticus*).—Plancus, 1760, 111 [nv.].—Schneid., 1866a, 3. —Villot, 1874a, 45 (so. *Gord.*).—Velsch, 1674a, 92.
aquatica (Linn., 1758) Pall. (1760a) 1768a, 256 (to *Gord.*).—Baird, 1853a, 35 (to G.).—Velsch, 1674a, 92, pl. 2 (s. *Vitulus marinus*).
equina (Abildg., 1789) Dugl., 1893 (1895a), 518, 1003.
palustris Plancus, 1760, 111, pl. 5 fig. F [nv.].—Lam., 1801a, 329 (so. *Gord. aquaticus*).—Villot, 1874a, 45 (so. G.).

- SETARIA** Viborg, 1795a [nv] [not *Setaria* Muls. Rey., 1863, coleopt.].—Rail. & Henry 1911, BSPE, v. 4, 387 (type *Gord. equinus* Abildg., 1789); 1911, BSPE, v. 4, 487–488.—Braun, 1915a, 326.—F., S., & T., 1916a, 407.—Gedølst, 1911a, 107 (French Congo).—Hall, 1916a, 184, 188.—Stiles, 1914, MM, v. 2, 306, 315.
- bernardi* Rail. & Henry, 1911, v. 4 (7), 487–488 (in porc annamite; Annam); 1911, BSPE, 698; 1915, 747 (in pig).—Bernard & Bauche, 1911, BSPE, 482–485.—Rail., 1915, RMv, 510.
- bicoronata* (Linst., 1901) Rail. & Henry, 1911, 388 (in *Adenota* sp.; Lac Rukwa).
- bifilata* (Mol., 1858) Rail. & Henry, 1911, 387 (in *Cerfs brésiliens*).
- cælum* (Linst., 1904) Rail. & Henry, 1911, 388 (in *Cephalobus sylvaticultor*; Kamerun).
- congolensis* Rail. & Henry, 1911, 388–389 (in *Phacochærus porcus*; Ibenga, French Congo).
- cornuta* (Linst., 1899) Rail. & Henry, 1911, 387 (in Antelope; Kamerun).
- digitata* (Linst., 1906) Rail. & Henry, 1911, 387 (in *Bos indicus*; Colombo).
- effilata* (Linst., 1897) Rail. & Henry, 1911, 387 (in *Tragulus pygmæus*; Madagascar).
- equina* (Abildg., 1789) Rail. & Henry, 1911, 387.—F., S., & T., 1916a, 408, figs. 288–289. Gedølst, 1911a, 107 (in buffalo, donkey, horse, mule, ox).—Rail., 1915, RMv, 473, 510, 747 (of Rud.) (in horses);—Seur., 1916, 349 (in cheval).
- hæmorrhagica* (Rail., 1885) F., S., & T., 1916a, 408.
- labiato-papillosa* (Aless., 1838; or Perronc., 1882) Rail. & Henry, 1911, 387 (in bœuf); 1913, 209.—F., S., & T., 1916a, 408 (labrata pap.)—Gedølst, 1911a, 107 (in horse, ox).—Johns. & Querens, 1914, 621, 623, 624, pl. 20 figs. 3–4.—Rail., 1915, 747, 749 (in cattle); 1915, RMv, 510, 512.—Seurat, 1916, 349 (in *Stomoxys calcitrans*).
- scalpuri* (Linst., 1908) Rail. & Henry, 1911, 388 (in *Raphicerus campestris*; Kalahari).
- species* Gedølst, 1911a, 108 (in hog; Hué).
- spelæa* (Leidy, 1875) Rail. & Henry, 1911, 387 (in *Macropus* sp.).
- transversata* (Linst., 1907) Rail. & Henry, 1911, 387 (in *Cephalobus melanorheus*; Kamerun).
- SEURATIA** Skrij., 1916, CrSB, 972, 973 (tod. *shipleyi*) (*Acuariinae*).
- shipleyi* (Stoss., 1900) Skrij., 1916, CrSB, 972, 973 (s. *Rictularia paradoxa*, *Acuaria pelagica*) (in *Diomedea exulans*, *Larus canus*, *Puffinus kuhli*).
- SEURATIDÆ** Rail., 1916, RMv, v. 92, 521.
- SEURATINÆ** Hall, 1916a, 44, 62 (subf. of *Heterakidae*, contains *Seuratum*), 1916b, 518.
- SEURATUM** Hall, 1916a, 39, 44, 62 (tod. *tacapense*); 1916b, 518.
- tacapense* (Seur., 1915) Hall, 1916a, 62–65, figs. 73–75 (in *Ctenodactylus gundi*; S. Tunis).
- SIMONDSIA** Cobbold, 1864b, 79 (mt. *paradoxa*).—Colucci & Arnone, 1896, RAS, 102–104.—Gedølst, 1911a, 112.—Linst., 1904n, 299.—Nev.-Lem., 1912a, 653.—Rail., 1893a, 545.—Rail. & Henry, 1911, 698.—Rollest., 1888a, 683, 688.—Stiles & Hass., 1905b, 136.
- paradoxa* Cobbold, 1864b, 79 (in stom., *Sus scrofa* dom.: Regents Park); 1873c, 123 (in hog; from Germany); 1879b, 406, 407; 1883e, 357–361, pl. 37 figs. 1–7.—Colucci & Arnone, 1897a, 181–198, figs. 1–19; 1897b, 215; 1897c, 127.—Fiebiger, 1912a, 243.—Fröhner, 1915, 261.—Gedølst, 1911a, 112 (in hog).—Hut. & Mar., 1906a, 381; 1910b, 479; 1913b, 477.—Lingard, 1905d, 50 (in *Equus cab.*).—Neum., 1892d, 367, 368, fig. 141.—Nev.-Lem., 1912a, 826.—Piana, 1897e, 17–37, figs. 1–7 (in *Sus scrofa*); 1897f, 887 (in S. s.); 1898a, 46–50 (65–70, 88–91) (in S. s.).—Rail., 1893a, 545.—Ratz, 1898a, 385–388; 1899d, 322–329 (in swine; Lond.).—Sons., 1897e(f), 258–259 (6) (da stomacho di cinghiale).—Vauil., 1901a, 126.—Verrill, 1870, 179.—Wehrmann, 1909a, 224.—Reported for S. s. fera.
- SIPHONOLAIMUS** Man, 1893a, 99–102 (mt. *niger*) [not *Siphonolaemus* Pilsbry, 1903, mollusk].—Stiles & Hass., 1905b, 136.
- niger* Man, 1893a, 100–102, pl. 6 fig. 8 (free: Falmouth); 1907, 87 (Zealand).

- SIPUNCULUS Linn., 1767a, 1078 [not a roundworm genus].—Dies., 1859, 754, 755–756.—Goldb., 1855a, 107.—Schneid., 1866a, 7.
- lendix* Phipps, 1774a, 194, pl. 13 figs. 1a–c (in Eider duck); 1775, 197–198 pl. 12 figs. 1a–c.—Baird, 1853a, 62.—Cat. RUSL, 1830, 45 (so. Echinor. filicollis).—Rud., 1809a, 304.—Westrumb, 1821a, 33 (so. E. polymorphus).
- SISSOPHYLLUS Trav., 1913, 309 (for Cissophyllus); 1914, v. 6 (2), 138.
- Sklerostomen (see Sclerostoma).—Weinberg, 1908c, 604; 1908m, 51 (German vernacular).
- extracts.—Grosso, 1912, Fol. haematol., v. 14, 18–22.
- seuche Eichhorn, 1913, v. 37, 87–89 (in cattle).
- SKLEROSTOMUM Schneidem., 1896a, 314 (for Sclerost.); 1896, 304, 305.—Adelmann, 1908, AwPT, 297–342, pl. 11 figs. 1–13.
- bidentatum* (Sticker, 1901) Adelmann, 1908, 342, pl. 11 figs. 1–13.—Bochberg, 1909, ZV, 273.—Ebhart, 1909, TR, 242 (in horse); 1909, DtW, 162.—Fröhner, 1915, 157.—Stier, 1912.
- dentatum* (Rud., 1803) Schulthess, 1882a, 190.
- edentatum* (Looss, 1900c) Bochberg, 1909, ZV, 273.—Martin, 1910, 1–50, 1 pl. 6 figs.
- pinguicola* Schneidem., 1896a, 319 (for pinguicola).
- tetrakanthum* Schneidem., 1896a, 315 (for tetracanthum).
- SOLENOLAIMUS Cobb, 1894c, 419–420 (mt. obtusus).—Stiles & Hass., 1905b, 136.
- obtus* Cobb, 1894c, 419–420, figs. 13i–iv (in marine sand; Bay of Nap.).
- SOLENONEMA Dies., 1861a, 620, 704–705 (type ?).—Olss., 1869b, 488.—Stiles & Hass., 1905b, 137.
- aequale* (Mol., 1858) Dies., 1861a, 704 (in Myrmecophaga jubata; Brazil).
- serpicula* (Mol., 1858) Dies., 1861a, 705 (in Phyllostoma brevicaudum, P. spiculatum; Brazil).
- striatum* (Mol., 1858) Dies., 1861a, 705 (in Felis concolor, F. macroura; Brazil).
- SPEIROPTERA Fayrer, 1879b, 188 (misprint for Spiropt.).
- SPEROPTERA Aitken, 1866, 805, 842 (misprint for Spiropt.).
- SPHÄROLAIMUS Bast., 1865c, 95, 157–158 (mt. hirsutus).—Man, 1907, 44, 54–55.—Oerley, 1880, 144.—Stiles & Hass., 1905b, 137.
- balticus* Schneid., 1906c, 35–37, figs. 16a–c (free: Bucht von Tvärminne); 1906d, 627 (free; in Finnischen Meerbusen); Man, 1907, 55.
- brevicollis* Savelev, 1912, TSN Petrograd, 119 (im Ebbesschlamm: Catharina-hafen, Mogilnojensee).
- gracilis* Man, 1876a, 179–180, pl. 12 figs. 47a–d (free); 1876b, 102–104, pl. 12 figs. 47a–d; 1907, 55.—Oerley, 1880, 144.
- hirsutus* Bast., 1865c, 157–158, pl. 13 figs. 192–194 (in marine mud: Falmouth).—Büetsch., 1874b, 279, figs. 32a–b (Kieler Hafen).—Man, 1907, 33, 55–61, 87, pl. 2 fig. 9, pl. 3 fig. 9 (Zealand); 1907, v. 10, 234–236 (free: Veere, Iersateke, Eng., Cornouailles).—Southern, 1914a, 24 (Killary Harbor).—Stiles & Hass., 1905b, 137.
- SPHÄRULARIA Ebert, 1894a, 18–20 (for Sphaerularia).
- SPHERULARIA Duf., 1837a, 9 (mt. bombi).—A., D., & E., 1901b, 8.—Baird, 1853a, 104.—Carus, 1863, v. 2, 465.—Braun, 1906a, 5.—Cobbold, 1879b, 480, 481, 482.—Crep., 1841a, 82.—Dimmock, 1886a, 73–75.—Ebert, 1894a, 18–21.—F., S., & T., 1916a, 5.—Fischer, 1840, 153.—Goldb., 1855a, 108.—Krefft, 1871a, 210.—Leuck., 1867b, 42; 1879a, 150; 1886d, 116.—Looss, 1892a, 86, 87.—Mordw., 1908, 141.—Nordm., 1840a, 669.—Rollest., 1888a, 678, 681, 682, 683, 686, 688.—Schneid., 1866a, 30, 182–184.—Shipley, 1896a (1901b), 150, 161.—Steenstrup, 1842a, 60.—Wallenstedt, 1847a, 8.
- bombi* Duf., [1836a, 20–21;] 1837a, 9, pl. 1A fig. 3 (in abd., Bombus terrestris, B. hortorum; by Duf.).—Baird, 1853a, 104.—Braun, 1895b, 9; 1906, 5.—Büetsch., 1873a, 122.—Bugnion, 1880, v. 17, xlvii.—Cobbold, 1866b, 6 (in B. t.); 1879b, 481, fig. 85; 1883c, 357–361, figs. 1–7.—Cole, 1876a, 93–104, figs. 1–7.—Conte & Bonnet, 1904, v. 50, 66.—Dewitz, 1892b, 129.—Ebert, 1894a, 18–20 (in Hummelarten).—Fuchs, 1914, ZA, 202.—Galli-Val., 1901c, 358 (in B. sp.).—Grobbe, 1888, 23–24.—Hempel., 1912a, 7, 108, 111, fig. 22.—Leuck., 1884–1885a, 139–144; 1885b, 273–277; 1885c, 358; 1889c, 23–24.—Linst., 1876a, 16; 1878, 242–243, fig. 35; 1902a, 224 (so. cunctaria) (in B. hortorum).—Looss, 1892a, 85–87.—Lubbock, 1861a, 44–57, figs. 1–14 (in B. h., B. lapidarius, B.

SPHÆRULARIA—Continued.

bombi—continued.

lucorum, B. muscorum, B. pratorum, B. subterraneus, B. sylvarum, B. terrestris): 1861b, 1-14, figs. 1-14; 1863a, 109-110; 1864a, 265-270, figs. 1-6 (in B. lucorum, B. m., B. t.; by Lubbock).—Menz., 1914, AN, 86.—Mordw., 1908, 146.—Nordm., 1840a, 670.—Rollest., 1888a, 684.—Schneid., 1866a, 184, 322-324, figs. 1-2, pl. 21 fig. 6; 1885a, xxxii, 1-10, pl. 1 figs. 1-5; 1885c, 247-251, 1 fig. (in B. lapidarius, B. t.).—Shipley, 1896a (1901b), 153, 160, fig. 76.—Stiles, 1895ee, 248-250, pl. 11 figs. 1-6; 1895ff, 573-574; 1896e, 421.—Stiles & Hass., 1905b, 137.

cunctaria Schneid., 1883, 1-10 [nv].—Linst., 1902a, 224 (s. *bombi*) (in *Bombus hortorum*; Müen., Breslau).

SPHÆRULARIACEÆ Carus, 1863, v. 2, 465 (fam., contains Sphærolaria) (quotes Lubbock, see 1861a).

Sphærolaire du Bourdon Duf., 1836b, 751 (does not use Latin name) [see Sphærolaria].

SPHERURUS Raf., 1815a, 151 (nomen nudum; new genus of Scolexia to contain species of Asc., but these are not mentioned).—Stiles & Hass., 1905b, 150.

SPILOPHERA Bast., 1865c, 165-167, 178 (changed to Spilophora Bast., 1865c, 95, 178 (type *elegans*)).—Stiles & Hass., 1905b, 137.

cæca (Bast., 1865) Schneid., G., 1906d, 626.

costata Bast., 1865c, 166-167, figs. 228-229 (marine surface mud; Falmouth); 1889 (to *Monoposthia*).

elegans Bast., 1865c, 165-166, pl. 13 figs. 221-222 (marine surface mud; Falmouth).

inæqualis Bast., 1865c, 166, figs. 223-225 (marine surface mud; Falmouth).—Man, 1888 (type of *Hypodontolaimus*).

paradoxa (Man, 1888) Schneid., G., 1906d, 626.

robusta Bast., 1865c, 166, pl. 13 figs. 226-227 (marine surface mud; Falmouth).—Man, 1886a, 66 (type of *Halichoanolaimus*).

SPILOPHORA Scudder, 1884a, 298 (for Spiliphora 1865).—Stiles & Hass., 1905, 137.

SPILOPHORA Bast., 1865c, 95, 178 (corrected form Spiliphora) (tsd. *elegans*) [not Spilophora Bohem., 1850, coleopt.; Spilophorus Lac., 1856, coleopt.].—Cobb, 1888a, 32-33; 1914, 23.—Linst., 1900a, in 117-132, pls. 1-2.—Oerley, 1880a(b), 143 (131).—Stiles & Hass., 1905b, 137.—Villot, 1875a, 463, 464.

antarctica Cobb, 1914, SE, 8, 9, 24-25, fig. 1 (Bay; Cape Royds).

canadensis Cobb, 1914, TAMS, 73, 80-81 (39, 46-47, 88) pl. 3 fig. 5 (in fresh water ponds; Cape Breton Isl., Canada).

communis Büetsch., 1874b, 282-283, pl. 6 figs. 27a-d, pl. 7 figs. 27c-d.—Villot, 1875a, 466 (Kiel).

costata (Bast., 1865) Büetsch., 1874b, 281, figs. 22a-d (Kiel, Arendal).

edentata Cobb, 1914, SE, 8, 9, 10, 24, fig. (Bay; Cape Royds).

elegans (Bast., 1865) Villot, 1875a, 465 (Eng.).

geophila Man, 1876a, 162-164, pl. 10 figs. 40a-b; 1876b, 85-87, pl. 10 figs. 40a-b.—Oerley, 1880a(b), 143 (131).—Silva Araujo, 1878b, 53.

giardi Rouville, 1905a, 795 (free; Cette).

glophila Ditlevsen, 1912, 222-223, figs. 32, 34 (misprint for *geophila*).

gracilicauda Man, 1893a, 91-94, pl. 5, pl. 6 fig. 6.—Southern, 1914a, 28 (Blacksod Bay).

impatiens Cobb, 1888a, 32-33, pl. 3 figs. 26-28 (free; Kunitz, Jena).

inæqualis (Bast., 1865) Büetsch., 1874b, 280-281, figs. 23a-d (Kiel).—Schneid., 1906d, 626.—Villot, 1875a, 465 (Eng.).

leuckarti (Man, 1876) Cobb, 1888a, 33 (to *Chromadora* (Spilophora)).

oxycephala Büetsch., 1874b, 283, figs. 28a-c (Kieler Bucht).—Villot, 1875a, 466 (Kiel).

paradoxa Man, 1888a, 45-47, pl. 4 fig. 19 (marine; Walcheren Isl.); 1907, v. 20, 68-87 (marine; Zealand).—Steiner, 1915, ZJ, 234.

punctata Linst., 1900a, 127, pl. 7 fig. 38 (Baren-Insel).

robusta (Bast., 1865c) Büetsch., 1874b, 282, figs. 29a-b (Kieler Bucht).

serrata Cobb, 1914, SE, 8, 9, 10, 25-26, 1 fig. (Bay; Cape Royds).

setosa Büetsch., 1874b, 281, figs. 25a-b (Kieler Bucht).—Villot, 1875a, 466 (Kiel).

tentabunda Man, 1890b, 177-178, pl. 3, pl. 4 fig. 4 (St. Aubin-s.-Mer).

- SPINIFER** Linst., 1901b, 418–419 (mt. fülleborni) (Mermithen) [not Spinifer Raf., 1831, mollusk].—Stiles & Hass., 1905b, 137.
- fülleborni* Linst., 1901b, 418–419, figs. A–E (in Termiten-Bau; Nyassa-See, Africa).
- SPINITECTUS** Fourm., 1883c, 578 (mt. oviflagellis); 1884a, 1–8 (mt. tod. oviflagellis).—Rail. & Henry, 1915, BSPE, 274–275 (s. Gœzia pars, Lior. pars).—St. Joseph, 1900a, 229, 231 (so. Lior.).—Stiles & Hass., 1905b, 137.
- cristatus* Rail. & Henry, 1915, BSPE, 275 (new name for *Fil. serratus* Lint., 1901 not 1892) (in *Phycis tenuis*).—Ward & Magath, 1917 (for 1916), JP, 62 (in hake).
- echinatus* (Linst., 1878) Rail. & Henry, 1915, BSPE, 275 (in ablette).
- gracilis* Ward & Magath, 1917 (for 1916), JP, 61–62 (in black crappie, sheepshead, white bass; Fairport, Ia.).
- inermis* (Zed., 1800) Rail. & Henry, 1915, BSPE, 275 (in anguille).
- oviflagellis* Fourm., 1883c, 578 (in Merlan; by Fourm.); 1884a, 1–8 pl. 16 figs. 1–11 (in intest., *Merlangus vulg.*; by Fourm.).—Rail. & Henry, 1915, BSPE, 274, 275.—St. Joseph, 1900a, 230 (to Lior.).
- SPIRA** Bast., 1865c, 95, 159–161 (tsd. parasitifera) [not Spira Brown, 1838, mollusk].—Man, 1890b, 174.—Stiles & Hass., 1905b, 137.—Villot, 1875a, 455, 463–464.
- bioculata* Man, 1877, 107–108, pl. 8 figs. 13a–d.
- lævis* Bast., 1865c, 160, pl. 13 figs. 204–206 (tide-pools; Falmouth).—Southern, 1914a, 27 (Blacksod Bay, Clare Isl.).—Villot, 1875a, 465 (Eng.).
- mediterranea* Man, 1877b, 108–109, pl. 9 figs. 14a–c (Nap.).
- parasitifera* Bast., 1865c, 159–160, pl. 13 figs. 201–203 (tide-pools; Falmouth).—Man, 1890b, 175–177, pl. 3 fig. 3 (Calvados, de la Manche); 1907, 69.—Southern, 1914a, 26 (Blacksod Bay).—Villot, 1875a, 465 (Eng.).
- schneideri* Villot, 1875a, 464, 465, pl. 11 figs. 11a–c (Roscoff).—Southern, 1914a, 26 (Blacksod Bay).
- septentrionalis* Cobb, 1914, SE, 8, 11, 1 fig. (Cape Royds).
- tenuicaudata* Bast., 1865c, 160–161, pl. 13 figs. 207–209 (tide-pools; Falmouth).—Man, 1885, 15; 1907, 61.—Villot, 1875a, 465 (Eng.).
- SPIROCERCA** Rail. & Henry, 1911, BSPE, 695 (tod. sanguinolenta).—Seur., 1914, CrSB, 344, 347; 1914, CrAS, 1018; 1916, Bs, 312, 322, 330, 339, 340.
- sanguinolenta* (Rud., 1819) Seur., 1913, 126 (in *Macroscelides rozeti*); 1914, BSHnA, 67; 1914, 626–632, figs. 1–4; 1914, CrAS, 1018; 1914, CrSB, 23; 1914, CrSB, 391; 1915, CrSB, 561, 564, 565; 1916, Bs, 298, 299, 302, 305, 307, 313, 318, 322–325, 326, 338, 349, 352, 355, 360, 362 (in *Acanthodactylus pardalis*, *Agama bibroni*, *Akis goryi*, *Athene noctua glaux*, *Bufo mauritanicus*, *Cerastes cornutus*, *C. vipera*, *Chamaeleo vulg.*, *Copris hispana*, *Corvus corax tingitanus*, *Elephantulus deserti*, *Equus asinus*, *Erinaceus algirus*, *Gallus dom.*, *Genetta afra bonapartei*, *Geotrypes douei*, *Gongylus ocellatus*, *Gymnopleurus sturmi*, *Herpestes ichneumon*, *Lacerta ocellata*, *Lanius excubitor dodsoni*, *Macroptodon cucullatus*, *Mus musculus*, *M. norvegicus*, *Passer dom. tingitanus*, *Scarabæus (Ateuchus) sacer*, *S. variolosus*, *Scincus officinalis*, *Sus scrofa*, *Tropidonotus viperinus*, *Tropidosaura algira*, *Upupa epops*, *Uromastix acanthinurus*, *Varanus griseus*, *Vespertilio kuhli*, *Vulpes vulpes atlantica*); 1917, BSHnA, 24 (in chien dom., chacal, renard d'Algérie).—Rail., 1915, 735 (in dog); 1915, RMv, 493.
- subæqualis* (Mol., 1860) Seur., 1913, CrSB, 676–678, figs. 1–2 (in *Felis concolor*, *F. mellivora*, *F. ocreata*; Bone, Algeria, Brazil); 1914, 69; 1915, CrSB, 122; 1916, Bs, 302; 1917, BSHnA, 24.
- SPIRONOURA** Leidy, 1856b, 52–53 (type? gracile); 1904a, 97–98.—Rail. & Henry, 1916, CrSB, 114.—Scudd., 1884a, 376.—Stiles & Hass., 1905b, 138.—See also Spirura Dies.
- affine* Leidy, 1856b, 53 (in *Cistudo carolina*); 1904a, 98.
- gracile* Leidy, 1856b, 52–53 (in *Emys serrata*); 1858a, 112; 1904a, 98, 114 (in *Siredon mexicanus*).
- SPIROPHERA** Muell., 1870a, 348 (misprint for Spiropt.).
- SPIROPTERA** Rud., 1819a, 22–29, 235–255, 585 (*Acuaria Brems.*, 1811 and *Anthuris* renamed, hence type anthuris).—Aitken, 1866, 805, 842; 1872, 150.—A., D., & E., 1901b, 7.—Bail., 1866b, 41–42.—Bel, 1907, v. 59, 587–588; 1908, v. 85, 46–47 (in dog); 1908, v. 3, 266; 1908, v. 57, 275; 1908, v. 11, 224–225.—Bellingh., 1844a, 101–102.—Blainv., 1828a, 546–547.—Brau, 1913, 585 (in

SPIROPTERA—Continued.

- pigs; Cao-long-an, Cochín Chine).—Braun, 1895b, 213; 1903a, 253.—Brems., 1824a, 125-126.—Burm., 1837a, 535; 1856a, 279.—Cagny & Gobert, 1910, v. 2, 859-860, figs. 1796-1798.—Cassali, (1874a), 1-12, 1 pl., 8 figs. (in pollo dom.); 1874b, 76-77; 1874c, 374-375.—Cat. RCSL, 1830, 39.—Chiaje, 1825a, 6; 1833, 5.—Cobbold, 1866b, 11 (in vulture).—Crep., 1839a, 280; 1846b, 155.—Dav., 1877a, xcix.—Deslgch., 1824ww, 691-697; 1829d, 582.—Diem, 1908, v. 52, 873-874.—Dies., 1859f, v. 38 (monograph).—Dub., 1843a, 5.—Duj., 1845a, 82-83.—Edelm., 1914, 270.—Erc., 1852c, 353 (in horse).—Fibiger, 1914, JAMA, 1244, 1432; 1915, MmW, 406 (cancer, rats).—Fischer, 1840a, 153.—Fritsch, 1888, 215.—Gedöelst, 1911a, 110.—Goldb., 1855a, 111.—Grassi, 1887h, 307; 1888h.—Gurlt, 1831a, 351.—Hall, 1916a, 148, 187, 191, 199, 203, 213, 220, 221, 223.—Henry, 1909, AG, v. 20, 579-580, 1 fig. (in horse).—Joy, 1835a, 503.—Krefft, 1871a, 210.—Leiper, 1911, PZSL, in 549-555, figs. 1-5.—Lepri, 1898a, 61.—Leuck., 1867b, 13, 50, 53, 55, 59, 65, 72, 96, 115; 1868a, 423; 1876a, 610, 611; 1879a, 131; 1886d, 100, 119.—L'Herminier, 1826a, 10.—Linst., 1898c, 280-291; 1900b, in 362-376, 1 pl., 1902a, in 217-232, pl. 1; 1904f, 5; 1904n, in 297-309; 1905bb, in 182-193, 1 pl.; 1909, 49, 62.—Looss, 1901a, 41; 1911a, 182.—le Maitre, 1906, v. 83, 17-24 (in dog); 1906, v. 31(4), 275-276 (in Canis fam.: Tunis); 1907(380), v. 63, 118.—Marotel & Carougeau, (1902a) (in Gallus dom.); 1903a, 38-39; 1903b, 292.—Mégn., 1895b, 132-133.—Mol., 1857a, 151; 1860b, 911-1005 (monograph).—Monod, 1900b, 166-167; 1900c, 514-515.—Mordw., 1908, v. 13 (1-2), 191.—Neum., 1892, 345, 374; 1901a, 255 (in pigeon).—Neum. & Mayer, 1914a, 408.—Nordm., 1840a, 661.—Nev.-Lem., 1912a, 652.—Olss., 1869b, 487, 490; 1876a, 147 (in Turdus musicus).—Park, 1896a, 451-454 (in cattle & sheep).—Par., 1887b, 361; 1894a, 467, 572.—Petit, 1907, 567-573, 410-417, 2 figs.—Petit & Germain, 1907c, 410-417, figs. 1-2 (in Equus cab.); 1907d, 673-674; 1908c, 42-43; 1908, v. 82, 567-573.—Poche, 1912, AN, 11, 13, 14 (type euryoptera), 15, 24, 53, 101.—Rail., 1893a, 533.—Rans., 1904a, 38, 39, 40; 1911a, 14, 100, 103-104 (Acuaria renamed, type anthuris).—Rail. & Henry, 1911, v. 4(10), 695.—Schneid., 1866a, 15, 59, 78, 125, 190.—Seur., 1910, v. 2, 144-148, figs. 1-4; 1912, CrAS, 82-84 (of dog); 1913, v. 74(12), 676-679, figs. 1-7 (in Felis ocreata); 1915, v. 78 (7), 157-161, figs. 1-6 (Habronema grimaldiæ in Vulpes atlantica, Habronema noveli in Genetta afra bonapartei); 1915, CrSB, 561-565 (10-14), figs. 1-5; 1917, BSHnA, v. 8, 21-24 (of carnivores).—Shipley, 1896a (1901b), 147, 163.—Sl. & Sw., 1912a, 397-399.—Stiles, 1907b, 37.—Stiles & Hass., 1905b, 48 (complicated nomenclature), 138.—Stoss., 1897b, 13-162 (monograph); 1898, 96.—Surg.-Gen. Cat. 2 s., v. 16, 1911, 407.—Val., 1843a, 1-5.—Vaull., 1901, 132.—Verrill, 1870, 231.—VJACP, 1896, v. 43, 454.—Wallendstedt, 1847, 8.—Walter, 1866, 72.—Wasielewski, 1913a, 244, 305.—Wassink, 1916, NTG, v. 2, 1108-1116.—Weinberg, 1907k, 287-289 (in horse); 1907l, 135; 1907m, 279; 1907n, 407.—Westwood, 1851, 645 (Spiropterus).
- abbreviata* (Rud., 1819) Duj., 1845a, 104 (in Lacerta margaritacea; Algeciras, Spain).—Anacker, 1893i, 345.—R. Bl., 1887e, 167.—Seur., 1916, 360 (of Mégn., 1881).—Stoss., 1889, 42 (Physalopt.).
- abdominalis* Linst., 1904n, 299, fig. 7 (in body cavity, Otis melanogaster; Madagascar).
- acanthocephala* Linst., 1909a, 65 (for acanthocephalica).
- acanthocephalica* Mol., 1860b, 988 (s. sternæ Rud., Str. ambiguus Rud.) (in Sterna hirundo, S. caspica; M. C. V.).—Linst., 1909a, 65 (in S. h.).—Stoss., 1897b, 108-109 (96-97) (s. capillaris) (in S. c., S. h.; Greifsw.).
- aculeata* Crep., 1825a, 14-16 (in Tringa alpina; by Crep.); 1846a, 136.—Chaussat, 1850, 92.—Dies., 1851a, 222; 1861a, 678.—Duj., 1845a, 99-100, 102.—Linst., 1876a, 4 (to Fil.).—Mol., 1860b, 972 (in Charadrius hiaticula, T. variabilis).—Villot, 1875, 470 (in T. a.; Roscoff); 1878, 22 (in T. v.).
- acuminata* Mol., 1860v, 930-931 (s. salmonis) (in Brycon falcatus; Brazil).—Drasche, 1884a, 195, pl. 12 figs. 18-19, pl. 14 fig. 18.—Rail., 1916, 105 (in B. f.).—Stoss., 1897b, 123(111) (to Oxyspirura).
- acutissima* Rud., 1819a, 642 (in Falco; Brazil).—Dies., 1851a, 218.—Duj., 1845a, 95.—Mol., 1860b, 922.—Stoss., 1897b, 111(99) (in F. sp., B.).
- adunca* Crep., 1846a, 138, 139, 140 (in Colymbus septentrionalis, Larus argentatus, L. fuscus; by Crep.).—Baird, 1853a, 11 (in L. a.).—Dies., 1851a, 228 (in C. s., Larus f., L. a., L. canus, L. marinus, L. medius).—Linst., 1885a, 244-245, pl. 14 fig. 21.—Müeh., 1898b, 53.—Stoss., 1891, 86 (to Disph.); 1898, 93.—Also reported for L. glaucus.

SPIROPTERA—Continued.

- ærophila* Linst., 1906. 253. pl. 17. fig. 9 (in *Phœnicopterus roseus*; Koenigsb.).
- affinis* Duj., 1845a. 98 (s. *Physalopt. strongylina*) (in *Cucullus seniculus*; Brazil).—Stoss., 1889. 53.
- alata* Rud., 1819a. 23–24. 239 (s. *Asc. sagittata*) (in *Ardea nigra*; by Braun. Frœl.).—Ben., 1868a. 296.—Blainv., 1828a. 546.—Dies., 1851a. 221 (in *Ciconia nigra*, *Ardea purpurea*).—Duj., 1845a. 99.—Leuck., 1879a. 14; 1886d. 11.—Mol., 1860c. 488 (*Disph. analis*).—Rail. & Henry, 1911. v. 58. 538–541. 573–582. figs. 1–6.—Schneid., 1866a. 93.—Shipley, 1896a (1901b). 163 (in black stork).—Stoss., 1891. 89 (9) (to *Disph.*).—Also reported for *Buteo borealis*.
- alata* Zsch., 1889c. 792–794 (in proventric., *Rhea americana*; Basel Zool. Gard.); 1889d. 756–757.—Rail. & Henry, 1911. 579 (so. *Spirura zschokkei*).—Stoss., 1897b. 106 (94) (in R. a.; Brazil).
- anabatis* Mol., 1860b. 979 (in *Anabatis scandens*; Brazil).—Drasche, 1884a. 206.—Stoss., 1897b. 108 (96) (s. *erecta*).
- anacanthura* Mol., 1860b. 966–967. 993 (s. *crotophagæ. c.-majoris*) (in *Crotophaga ani*. C. major; Cuyaba).—Dies., 1861a. 678.—Drasche, 1884a. 203. 213. pl. 14 figs. 15–16.—Linst., 1878a. 71; 1889a. 29.—Rans., 1904a. 21.—Stoss., 1897b. 123 (to *Oxyspirura*).
- anatis* Rud., 1819a. 29 (in *Anas glacialis*; C. E. V.).—Duj., 1845a. 103.—Mol., 1861c. 487 (so. *Disph. crassicauda*).
- annulata* Stoss., 1897b. 111 (99) (for *anulata*).
- anolabiata* Mol., 1860b. 981. 992 (73) (s. *cracis-alectoris*) (in *Crax fasciolata*; Brazil).—Drasche, 1884a. 206. pl. 12 fig. 23.—Linst., 1878a. 124; 1889a. 47.—Rans., 1904a. 21.—Stoss., 1897b. 51 (39) (to *Fil.*).
- anterohelicina* Mol., 1860b. 975 (67) (s. *bradypyi-didactyli*) (in *Bradypus tridactylus*; M. C. V., Brazil).—Cobbold, 1879b. 321.—Stoss., 1897b. 111–112 (99–100) (in B. t.; B.).
- anthuris* Rud., 1819a. 25. 243–244 (in *Coracias garrula*, *Oriolus galbula*; Mus. Wien).—Bellingh., 1844a. 102.—Dies., 1851a. 215 (in *Corvus caryocatactes*, *C. corax*, *C. cornix*, *C. corone*, *C. frugilegus*, *C. glandarius*, *C. pica*, *C. pyrrhocorax*, *Coracias garrula*, O. g.).—Duj., 1845a. 75 (to *Disph.*).—Eberth, 1863a. 64. 65. 67. 68. 70. pl. 8 fig. 6, pl. 9 figs. 2, 8.—Gieb., 1857a. 268.—Poche, 1912. 12. 13.—Rans., 1911a. 103.—Schneid., 1866a. 96. 108.—Stiles, 1907b. 37.
- anthuris* of Dies., 1851a. 215 (in part).—Mol., 1860b. 920 (so. *sygmoidea*).—Rans., 1904a. 29.
- anulata* Mol., 1860b. 983 (in *Ciconia maguari*; Brazil).—Stoss., 1897b. 111 (99) (*annulata*) (in C. m.; B.).
- appendiculata* Mol., 1860b. 982 (in *Eurypyga helias*; Brazil).—Stoss., 1897b. 112 (100) (in E. h.; B.).
- ardea* Mol., 1860b. 981–982 (in *Ardea cocoi*; Brazil).—Drasche, 1884a. 206. pl. 11 fig. 28.—Stoss., 1897b. 98 (86) (in A. c.; B.).
- ardea-maguari* M. C. V. in Mol., 1860b. 932 (24) (so. *excisa*); 1860c. 489 (so. *Dispharagus longeoratus*) (in *Ciconia maguari*).
- armata* Mol., 1860b. 971–972 (s. *suis-labiati*) (in *Dicotyles albirostris*; Brazil).—Crep., 1846a. 136.—Stoss., 1897b. 112 (100) (in D. a.; B.).—Also reported for *D. labiatus*.
- ascaroides* Nitzsch in Gieb., 1857a. 268 (in *Falco peregrinus*; Coll. Nitzsch).
- attenuata* Rud., 1819a. 25. 244–245 (in *Hirundo urbica*, *H. rustica*, *H. riparia*; Mus. Wien).—Dies., 1851a. 215.—Mol., 1860c. 484 (to *Disph.*).—Poche, 1912. AN. 12.
- aurita* Nitzsch in Gieb., 1857a. 268 (in *Falco peregrinus*; Coll. Nitzsch).
- bicolor* (Linst., 1873) Linst., 1899b. 17–18. figs. 31–32. 43–44. 46–49 (in *Halaxias attenuatus*, *Silurus glanis*; Australia. Ratzeburger See; 1909. 65. fig. 42 (in *Perca fluviatilis*, S. g.).—Seur, 1916. 360.—Zsch., 1903. 146, 147.
- bicuspis* Rud., 1819a. 24. 240–241 (in *Tringa helvetica*; Mus. Wien).—Crep., 1846a. 135. 136.—Dies., 1851a. 231 (so. *Histioc. gracilis*).—Also reported for *Grus cinerea*, *Vanellus melanogaster*.
- bidens* Rud., 1819a. 24. 240 (in *Merops apiaster*; Mus. Wien).—Dies., 1851a. 216.—Mol., 1860b. 971 (*denticulata*).—Poche, 1912. AN. 12.—Schneid., 1866a. 105.
- bilabiata* Mol., 1860b. 928 (s. *muris*) (in *Mus brasiliensis*; M. C. V., Brazil).—Hall, 1912. 213 (so. *Physalopt. muris-brasiliensis*).

SPIROPTERA—Continued.

- bilabiata* (Crep., 1829) Duj., 1845a, 97 (in *Lanius minor*; Griefsw.).—Dies., 1851a, 235 (to *Physalopt.*).—Stoss., 1889, 51 (16) (to P.).
- brachystoma* Mol., 1860b, 955–956 (s. *bradypyi-tridactyli*, b. *didactyli*) (in *Bradypus tridactylus*; B. *didactylus*; Brazil).—Cobbold, 1879b, 321.—Drasche, 1884a, 201, pl. 11 figs. 1–4, pl. 13 figs. 10–11.—Stoss., 1897b, 94 (82) (s. *leptoccephala*).
- bradypyi-didactyli* M. C. V. in Mol., 1860b, 956 (so. *brachystoma*) (in *Bradypus didactylus*; Rio Hie, Brazil).
- bradypyi-tridactyli* M. C. V. in Mol., 1860b, 956 (so. *brachystoma*) (in *Bradypus tridactylus*; Borda Parà).
- brauni* Linst., 1897i, 30, fig. 8 (in *Mus rattus*; Madagascar).—Hall, 1916a, 204, 207 (so. *Protospirura muris*).—Par., 1898b, 20.
- brevipenis* Mol., 1860b, 921, 991 (s. *microdactyli-margravi*) (in *Dicholophus margravi*; Cuyaga).—Dies., 1861a, 676.—Drasche, 1884a, 194, 213, pl. 14 fig. 14.—Hall, 1916a, 105 (in *Cariama cristata*).—Linst., 1878a, 137; 1889a, 51 (in D. *marcgrafi*).—Rans., 1904a, 22.—Stoss., 1897b, 126 (114) (to *Oxyspirura*).
- brevissubulata* Linst., 1878a, 105 (misprint for *brevisubulata*).—Rans., 1904a, 23.
- brevisubulata* Mol., 1860b, 959–960, 998 (s. *strigis*) (in *Strix atricapilla*; Brazil).—Dies., 1861a, 677.—Drasche, 1884, 201–202.—Linst., 1889a, 40.—Par., 1889c, 775.—Rans., 1904a, 23.—Stoss., 1897b, 124 (112) (to *Oxyspirura*).
- bufonis* Stoss., 1900a, 5, figs. 17–18 (in *Bufo vulg.*; Catania).—Linst., 1904f, 6.—Mingazzini, 1900d, 147, figs. 7, 8, 9.—Par. & Mazza, 1900b, 2.—Seur., 1916, 360 (in B. v.).
- bullosa* Mol., 1860b, 937–938 (29–30) (s. *tinami-noctivagi*, *tinami-macucabu*) (in *Tinamus noctivagus*, T. *tao*, T. *cinereus*, T. *variegatus*; Brazil).—Drasche, 1884a, 198, pl. 11 fig. 24, pl. 14 figs. 7–8.—Stoss., 1897b, 105 (93) (in T. *t.*, T. *n.*, T. *c.*, T. *v.*, *Totanus fuscus*).
- campbelli* Chatin, 1885a, 37–38 (in *Nolotænia filholi*; Campbell Isl.).—Stoss., 1897b, 112 (100).
- capillari* Stoss., 1897b, 108 (misprint for *capillaris*).
- capillaris* Mol., 1860e, 349 (21) (s. *Histioc. ? spiralis sternæ-hirundinis*) (in *Sterna hirundo*; Mus. Wien).—Drasche, 1884a, 213, pl. 12 fig. 37.—Linst., 1889a, 58.—Stoss., 1897b, 108 (96) (so. *acanthocephalica*).
- caprimulgi* Mol., 1860b, 978, 997 (in *Caprimulgus megalurus*; Brazil).—Rans., 1904a, 38, 48.—Shipley, 1902, 606, 612.—Stoss., 1897b, 113 (101).
- caviae-aguti* M. C. V. in Mol., 1860b, 968 (so. *mediospiralis*).—Hall, 1916a, 219 (so *Physoc. mediospiralis*).
- cephaloptera* Mol., 1860b, 956–957, 994, 997 (s. *momoti-brasiliensis*, *orioli*) (in *Momotus brasiliensis*; Brazil).—Dies., 1861a, 686 (to *Cheilospirura*).—Drasche, 1884a, 212–213, pl. 11 fig. 22, pl. 14 fig. 17 (to Ch.).—Linst., 1878a, 73 (in M. b.), 97 (in *Icterus cristatus*, I. *croconotus*); 1889a, 30.—Rans., 1904a, 23.—Stoss., 1897b, 124 (112) (to *Oxyspirura*).
- cervi-nambi* M. C. V. in Mol., 1861a, 514 (90) (*Str. bispinosus*).
- cesticillus* Mol., 1860b, 926 (s. *strongylina suis-labiati*) (in *Dicotyles albirostris*; Brazil).—Drasche, 1884a, 206, pl. 11 fig. 28.—Stoss., 1897b, 98 (86) (in D. a.; B.).—Also reported for D. *labiatus*.
- charadrii-fluvialilis* Linst., 1878a, 135 (in *Aegialites fluv.*) (apparently lapsus for *ch.-pluvialis*, see Bellingh., 1844a, 102; in *Charadrius pluvialis*; Ireland).
- charadrii-pluvialis* Dies., 1851a, 227 (in *Charadrius pluvialis*; Ireland; Bellingh., 1844a, 102).—Mol., 1860b, 984.—Stoss., 1897b, 113 (101) (in C. p.; I.).
- chrisoptera* Mol., 1858b, 273–276, figs. 1–6 (s. *Fil. tapiri*) (in stom. wall, *Tapirus americanus*; Barra do Rio Jagnaricata, Brazil); 1860b, 945 (s. *tapiri*) (in T. a.).—Cobbold, 1879b, 402.—Hall, 1916a, 219, 220 (so. *Physoc. mediospiralis*).—Par., 1894a, 570.—Stoss., 1897b, 95 (83) (so. *med.*).—Also reported for *Dasyprocta aguti*.
- chrysoptera* Cobbold, 1879b, 403 (for *chrisoptera*).—Rail., 1916, RMv, 520.
- ciconiæ-maguari* M. C. V. in Mol., 1860b, 932 (so. *excisa*).
- ciconiæ-maguari* M. C. V. in Mol., 1860b, 983 (so. *anulata*).
- ciconiæ-maguari* M. C. V. in Mol., 1860b, 983 (so. *tenuicauda*).—Rans., 1904a, 39.
- ciconiæ-maguari* M. C. V. in Mol., 1860c, 486 (so. *Disph. longevaginatus*).

SPIROPTERA—Continued.

- cincinata* Müell. & Paumgarten, 1869a, 88 (for *cinnata*).—Anacker, 1890g, 373 (so. *Onchocerca reticulata*).—Bodon, 1898, 400–401.
- cinnata* Erc., 1886, v. 5 (4), 271, 289–294, pl. 5 figs. 1–12 (in *Equus cab.*, E. asinus; by Erc.).—Anacker, 1890g, 373 (*cinnata*) (so. *Onchocerca reticulata*).—Bartels. —?, DtW; 1897, BtW, 270–271; 1898, 400–401.—Cond.-Franc., 1892, 178.—Generali, 1883a, 87–88.—Johnst. & Cleland, 1911, v. 44, 181.—Maz-zanti, 1900b, 626.—Muel., 1868, v. 3 (11), 163–167 (in E. c.).—Nev.-Lem., 1912a, 813.—Perronc., 1882a, 331.—Popov, 1888b, 452, 453.—Rail., 1895a, 538 (so. r.).—Sl. & Sw., 1912a, 397.—Veterinarius, 1898, 400–401.—Ward, 1895a, 334 (in *Bos taurus*), 340 (in E. c.).—Zütern, 1871a, 65–71, 1 pl. (*cinnata*); 1882, 247.
- circularis* Mol., 1860b, 922–924 (s. *corvi*, *psittaci*, *psittaci-macaonis*, *psittaci-hyacinthini*, *psittaci-ararauna*) (in *Corvus cyanomelas*, C. cristatellus, *Psittacus ararauna*, P. hyacinthinus, P. macao, P. agilis, P. hæmorrhous; M. C. V., Brazil).—Stoss., 1897b, 87 (75) (in *Strix magellanica*).
- cirrohamata* Linst., 1888b, 8, pl. 1 figs. 14–16 to Fil. (*Spiropt.*) (in *Phalacrocorax verrucosus*; Challenger).—Stoss., 1897b, 109 (97) (in P. v.).
- citilli* Rud., 1819a, 28, 254 (in stom., *Arctomys citillus*; Mus. Wien).—Dies., 1851a, 225.—Duj., 1845a, 89.—Mol., 1860b, 974–975.—Hall, 1916a, 213 (to *Physalopt.*).—Stoss., 1897b, 113 (101) (stomach, *Spermophilus citillus*).
- clausa* Duj., 1845a, 85–86 (in *Erinaceus europæus*; Mus. Wien).—Anacker, 1893i, 345.—Seur., 1916, 352, 360.—Stoss., 1889, 49 (14) (to *Physalopt.*); 1898, 89.
- colymbi* Rud., 1819a, 29 (in *Colymbus septentrionalis*; Greifsw.).—Mol., 1860c, 487 (so. *Disph. crassicauda*).
- conjunctivalis* Linst., 1907, v. 3 (3), 253, pl. 6 fig. 7 (in *Lemur murinus*; Berl. Zool. Gard.).
- conocephala* Mol., 1860b, 943 (so. *cuculi-cayani*) (in *Cuculus cayanus*; Brazil).—Drasche, 1884a, 199, pl. 12 figs. 12–13.—Stoss., 1897b, 106–107 (94–95).
- conoura* (Linst., 1885) Linst., 1909a, 64, fig. 40 (in *Aspius rapax*, *Anguilla vulg.*, *Squalius leuciscus*, *Lota vulg.*, *Perca fluvi.*, *Tinca vulg.*).—Jääskeläinen, 1910, 222–223; 1912, CfB, v. 54 (1), 6–7 to Fil. (sp.).
- contorta* Rud., 1819a, 25, 242–243 (s. *Asc. testudinis*) (in stom., *Testudo orbicularis*; Rimini).—Baird, 1853a, 11.—Dav., 1877a, 782.—Dies., 1851a, 229 (in *Emys europæa*).—Duj., 1845a, 103.—Mol., 1860b, 942–943.—Schneid., 1866, 78, 125 (to *Spiroxys*).—Sons., 1889, 284.—Stiles, 1907b, 38.—Stoss., 1897b, 129 (117) (to *Spiroxys*).—Also reported for *Cistudo europæa*.
- contorta* (Mol., 1860), Cobbold, 1879b, 297 to S. (*Gongylonema*) (in bears).
- coronata* Mehl. in Crep., 1846a, 136 (in *Tringa alpina*; by Mehl.).
- coronata* Mol., 1860b, 970 (in *Alcedo americana*, *Rallus cayennensis*; Brazil).—Dies., 1861a, 678.—Skrj., 1916, 511 (in A. a., R. c.).—Stoss., 1897b, 113–114 (101–102).—Also reported for *Chloroceryle americana*.
- corvi* M. C. V. in Mol., 1860b, 923 (so. *circularis*).
- corvi* Linst., 1900, in Wolffh., 1900a, 10, 25, 26, 28, 29, 35, 36, 42.—(in *Corvus corone*, C. frugilegus, *Garrulus glandarius*; Freiburg).—Seur., 1916, 360 (in C. c., C. f., G. g.).
- corvi-cajani* M. C. V. in Mol., 1860c, 500 (*Disph. mamillaris*).
- corvi-coracis* Dies., 1851a, 226 (in *Corvus corax*; Bellingh., 1844a, 102; Ireland).—Mol., 1860b, 980.—Stoss., 1897b, 114 (102) (in C. c.; I.).
- cracis* M. C. V. in Mol., 1860b, 944 (so. *heteroclita*).—Rans., 1904a, 24 (so. *Oxy-spirura heteroclita*).
- cracis* M. C. V. in Mol., 1860b, 983 (so. *tenuicauda*).—Rans., 1904a, 39 (so. t.).
- cracis-alectoris* M. C. V. in Mol., 1860b, 981 (so. *anolabiata*).—Rans., 1904a, 21.
- crassicauda* Mol., 1860b, 937 (29) (misprint for *crassicauda*).
- crassicauda* Crep., 1829b, 3–4 (in *Colymbus rufogularis*, *Anas glacialis*; by Crep.); 1846a, 138.—Baird, 1853a, 11.—Cobbold, 1861e, 122; 1879b, 447 (in *Bernicla sandwichensis*).—Dies., 1851a, 216 (in A. g., A. clangula, A. tadorna, A. fusca, C. r., C. arcticus, C. septentrionalis, *Mergus serrator*, M. merganser).—Duj., 1845a, 101, 103.—Linst., 1894b, 338–339, pl. 23 figs. 16–17 (in C. a.; by Linst.); 1909a, 63, fig. 33 (in C. a., C. s., M. m., M. s., *Nyroca clangula*, *Tadorna tadorna*).—Mehl., 1831a, 74.—Mol., 1860c, 487 (to *Disph.*).—Neum., 1900a, 515 (in C. a.).—Seur., 1915, 14; 1916, CrSB, 297.—Stoss., 1897b, 104 (92) (in C. a.; Germany).—Also reported for *Alca torda*, *Harelda glacialis*.

SPIROPTERA—Continued.

- crassicauda* Mol., 1860b. 937, 1003 (29, 95) (s. *tinami*, *tinami-macucabu*) (in *Tinamus tao*, T. *stringulosus*; Brazil).—Drasche, 1884a, 197, pl. 3 fig. 16.—Stoss., 1897b, 100 (88) (so. *molini*).
- crotophagæ-ani* M. C. V. in Mol., 1860b, 966 (so. *anacanthura*).—Rans., 1904a, 21 (so. *Oxyspirura anacanthura*).
- crotophagæ-majoris* M. C. V. in Mol., 1860b, 940 (so. *lanceolata*).—Rans., 1904a, 21.
- crotophagæ-majoris* M. C. V. in Mol., 1860b, 966 (so. *anacanthura*).—Rans., 1904a, 21 (so. *Oxyspirura anacanthura*).
- cuculi-cayani* M. C. V. in Mol., 1860b, 943 (so. *conoceph.*).
- cystidicola* (Lam., 1801) Rud., 1819a, 25–26, 245–246 (in *Salmo fario*, *Salmo thymallus latus*; Berl.).—Bellingh., 1844a, 102.—Crep., 1839a, 280.—Krøyer., 1843–45a, 644; 1846–53a, 92; 1852–53a, 1215 (in *Coregonus oxyrhinchus*, S. f., T. *vulg.*).—Mol., 1860b, 931–932 (s. *Cystidicola farionis*) (in T. *vexillifer*).—Schneid., 1866a, 78, 105.
- dacnoides* Crep., 1851b, 295, 308–310 (in *Raja clavata*, *Squalus mustelus*; Ostend).—Mol., 1860c, 512 (to *Histioc.*).—Oerley, 1885a, 109 (to *Spiroptera*).
- decora* Crep., 1846a, 131 (in *Strix brachyotus*).
- deflecta* Connal, 1912, 234–236, figs. i, k (in *Heliosciurus rufobrachyatus*; Lagos).—Rail., 1916, RMv, 520 (in H. r.).
- dentata* Linst., 1904f, 5–6, pl. 1 figs. 5–7 (in stom., *Sus cristatus*; Chilaw).—Rail. & Henry, 1911, 696 (to *Arduenna*).
- denticulata* Mol., 1860b, 970–971 (62–63) (s. *Acuaria meropis-apiastri*, Sp. *bidens*) (in *Falco palumbarius*, *Merops apiaster*; Mus. Wien).—Lepri, 1898a, 53, 54, 61–62, figs. 11–12, 19.—Also reported for *Accipiter nisus*.
- denticulata* (Rud., 1809) Linst., 1909a, 64, fig. 39 (in *Anguilla vulg.*).—Rail. & Henry, 1915, BSPE, 274.—Stewart, 1914, 176.
- denticulata minor* Stewart, 1914, RIM, 175–176, 188–189, pl. 21 figs. 41–43 (in *Wallago attoo*; Lucknow).
- denudata* Rud., 1819a, 641–642 (in *Tanagra*; Brazil).—Dies., 1851a, 212–213 (in T. *olivascens*; B.).—1861a, 676.—Duj., 1845a, 97–98.—Mol., 1860b, 920.—Stoss., 1897b, 114 (102).
- didelphidis-virginiæ* Leidy, 1851a, 155 (in stom., *Didelphys virginiana*; Ing. [U. S. A.]); 1856b, 53 (so. *Physalopt. turgida*); 1904a, 45–46, 98.—Mol., 1860d, 644 (so. P. t.).—Stoss., 1889, v. 11, 43 (8) (so. P. t.).
- dilatata* (Rud., 1819) Duj., 1845a, 84 (in *Hapale rosalia*; Brazil).—Stoss., 1889, 52 (17) (to *Physalopt.*).
- echinata* Dies., 1851a, 222 (in esoph., *Mergus albellus*; M. C. V.); 1857a, 15.—Mol., 1860c, 499 (to *Disph.*).
- echinata* (Linst., 1878b) Linst., 1909a, 64–65, fig. 41 (in *Anguilla vulg.*, *Alburnus lucidus*).
- elongata* Rud., 1819a, 26, 246 (stom. *Sterna nigra*; Mus. Wien).—Dies., 1851a, 217.—Duj., 1845a, 102.—Mol., 1860c, 495 (to *Disph.*).—Poche, 1912, AN, 12.—Schneid., 1866a, 94.
- emmeresi* Geddes, 1903a, 48, 90 (for *emmeresii*).—Nev.-Lem., 1912, 805.—Rans., 1904a, 25 (so. *Oxyspirura mansonii*).
- emmeresi* Emmerez & Mégn., 1901a, 933–935, figs. A–E (in *Gallus dom.*; Maurice Isl.).—Charmoy & Mégn., 1902a, 117–118 (in chickens; M.).—Rans., 1904a, 7, 10, 25 (so. *Oxyspirura mansonii*).
- ephemeridarum* (Linst., 1892) Linst., 1909a, 65–66, fig. 43 (in *Ephemera vulgata*, *Oligoneuria rhenana*).—Seur., 1916, 355, 360.
- erecta* Mol., 1860b, 927–928 (s. *lanii*) (in *Thamnophilus guttatus*; Brazil).—Stoss., 1897b, 108 (96) (s. *anabatis*) (in *Anabates scandens*; B.).
- erinacei* Chatin, 1876a, 801–802 (encysted in *Erinaceus europæus*; Ing.); 1882, v. 6, 180.—Linst., 1889a, 8 (in E. e.).
- europtera* Sieb., 1854, 113 (for *euryoptera*).
- euryoptera* Rud., 1819a, 26–27, 248–249 (in *Lanius collurio*, L. *excubitor*, L. *minor*; Mus. Wien).—Baird, 1853a, 11.—Crep., 1846a, 131.—Dies., 1851a, 218–219, 1861a, 677.—Duj., 1845a, 97.—Linst., 1873g, 299–300.—Mol., 1860b, 940–941.—Poche, 1912, AN, 12.—Rans., 1904a, 38.—Sieb., 1854, 113 (*europtera*).—Stoss., 1897b, 97 (85).—Also reported for *Lanius rufus*.

SPIROPTERA—Continued.

- excisa* Mol., 1860b, 932-933 (s. ardeæ-maguari, ciconiæ-maguari) (in *Ciconia maguari*; Brazil).—Drasche, 1884a, 196, pl. 11 figs. 10-11, pl. 14 fig. 6.—Rans., 1904a, 39.—Seur., 1914, CrSB, 393; 1914, 66 (to *Cyrneæ*).—Stoss., 1897b, 101 (89).
- falcinelli* Rud., 1819a, 28 (in *Tantalus falcinellus*; C. E. V.).—Dies., 1851a, 227 (in *Ibis falcinellus*).—Duj., 1845a, 99.—Mol., 1860c, 496 (so. *Disph. contortus*); 1861c, 303 (so. *D. con.*).—Poche, 1912, AN, 12.
- falconis* M. C. V. in Mol., 1860b, 930 (so. *papillosa*).—Rans., 1904a, 27 (so. *Oxyspirura papillosa*).
- falconis* M. C. V. in Mol., 1860b, 965 (so. *filiformis*).
- falconis* M. C. V. in Mol., 1860c, 494 (so. *Disph. rectus*).
- falconis* Rud., 1819a, 28, 254-255 (in *Falco rufipes*; Mus. Wien).—Crisp, 1853a, 68.—Mol., 1860b, 962 (so. *serpentulus*).—Stoss., 1897b, 86 (74) (so. *serp.*).
- falconis-gavial-realis* M. C. V. in Mol., 1860b, 930 (so. *papillosa*).—Rans., 1904a, 27 (so. *Oxyspirura papillosa*).
- falconis-leptopodis* M. C. V. in Mol., 1860b, 930 (so. *papillosa*).—Rans., 1904a, 27 (so. *Oxyspirura papillosa*).
- falconis-nisi* Dies., 1851a, 229 (in *Falco nisus*; Rennes).—Stoss., 1891, 99 (so. *Disph. ellipticus*).
- falconis-subbuteonis* (Dies., 1851) Dies., 1851a, 229 (in *Falco subbuteo*; Rennes).—Mol., 1860c, 495 (so. *Disph. denticulatus*).
- falconis-tridentati* M. C. V. in Mol., 1860c, 483 (so. *Disph. symgoideus*).
- fallax* Sieb., 1837e, 209 [nv.].—Crep., 1846a, 131.—Mol., 1860c, 490 (so. *Disph. laticeps*).—Seur., 1916, 1126 (so. *Acuaria laticeps*).—Reported for *Strix flammea*.
- feai* Stoss., 1897b, 114 (based on species Par., 1889c, 775) (in *Ninox scutulata*; Birma), 142.—Rans., 1904a, 38, 39, 48.
- felis-coloris* M. C. V. in Mol., 1860b, 922 (so. *subæqualis*).
- felis-yaguarondi* M. C. V. in Mol., 1860b, 922 (14) (so. *subæqualis*).
- filiformis* Mol., 1860b, 965 (in *Falco urubutinga*; Brazil).—Dies., 1861a, 678.—Stoss., 1897b, 114-115 (102-103) (in *Morphnus urubutinga*; B.).
- fulicæ* Rud., 1819a, 29 (in *Fulica atra*; C. E. V.).—Dies., 1851a, 228.—Duj., 1845a, 101.—Mol., 1860b, 986.—Poche, 1912, AN, 12.—Stoss., 1897b, 115 (103) (in F. a.; Ireland).
- fulicæ-atræ* Dies., 1851a, 228 (so. *fulicæ*) (based on Bellingh., 1844a, 102).—Mol., 1860b, 986 (so. f.).—Stoss., 1897b, 115 (103) (so. f.).
- furcata* Linst., 1898c, 284-285, figs. 7-9 (in [body cavity of] "einem Krötenfoermigen Frosch;") Ralun).—Seur., 1916, 360.
- gallinulæ* Rud., 1819a, 28 (in esoph., *Scolopax gallinula*; Greifsw.).—Duj., 1845a, 99.—Mol., 1860b, 973 (so. *horrida*).—Villot, 1875, 470 (so. *acuminata*).
- gammari* (Linst., 1892) Linst., 1909a, 66, fig. 44 (in *Gammara pulex*).—Seur., 1916, 355, 360.
- geotrupis* (Linst., 1896) Seur., 1916, 360.
- glomeridis* (Linst., 1885) Seur., 1916, 360.
- gracilis* Rud., 1819a, 641 (in *Bradypus tridactylus*; Brazil).—Cobbold, 1879b, 321.—Dies., 1851a, 211; 1861a, 678.—Duj., 1845a, 90-91.—Mol., 1860b, 924-925.—Stoss., 1897b, 94 (82) (so. *leptoc.*).
- graculæ-schreibersi* M. C. V. in Mol., 1860b, 946 (so. *unilateralis*).
- gruis* (Linst., 1875) Seur., 1916, 355, 360 (to Fil.).
- hamata* Crep., 1846a, 138 (in *Colymbus cristatus*; by Mehl.).
- hamulata* Natterer [nv.].—Bail., 1866b, 45 (dans une excroissance superficielle du gésier d'un coq; Brazil) (apparently for *hamulosa*).
- hamulosa* Dies., 1851a, 217 (in *Phasianus gallus*; Brazil); 1857a, 14, pl. 1 figs. 31-38.—Cobbold, 1869a, 67; 1879b, 440.—Dav., 1877a, 781.—Hass., 1896a, 5, 6 (to *Disph.*).—Land., 1882, 23.—Mol., 1860b, 959.—Neum., 1892, 375.—Purvis, 1908, v. 53 (25), 1355.—Rail., 1893a, 544 (to D.).—Stiles, 1907b, 37.—Stœdter, 1901a, 61 (in Hühner), 95.—Stoss., 1891, 97 (to D.).—Verrill, 1870, 180.

SPIROPTERA—Continued.

- helicina* Mol., 1860b, 948-952 (40-44) (in *Alcedo americana*, *Ampelis pompadora*, *Anabates* (*Annubius*) *anthoides*, *A. cristatus*, *A. luscinioides*, *Cassicus yuracares*, *Cephalopterus ornatus*, *Columba picui*, *Corvus cyanomelas*, *Cuculus cayanus*, *Culicivora dumicola*, *Dendrocolaptes procurvus*, *Icterus croconotus*, *Muscicapa despotes*, *M. rixosa*, *Myothera* (*Formicivora*) *melanaria*, *M. ruficeps*, *Perdix dentata*, *P. rufina*, *Picus comatus*, *P. olivinus*, *Psittacus guianensis*, *P. hyacinthinus*, *Ramphocenus melanurus*, *Rhamphastos erythrorhynchus*, *Tanagra episcopus*, *T. melanops*, *Thamnophilus sulfuratus*, *Trogon melanurus*, *Tr. variegatus*, *Tr. species*, *Turdus fulvus*, *Urax mitu*; Brazil).—Cobbold, 1869a, 67, 68 (in Red partridge); 1879b, 321, 440.—Stoss., 1897b, 87-88 (75-76) (in *Conurus pavua*).—Also reported for *Chloroceryle americana*, *Sittace hyacinthina*.
- helix* Linst., 1899b, 16, figs. 42, 70 (s. *Nematoideum fulicæ-atræ*) (knee joint, *Fulica atra*; Emden); 1909a, 64, fig. 38 (in F. a.).
- heteroclita* Mol., 1860b, 944-945 (s. *cracis*) (in *Crax uru-mutum*; Brazil), 992.—Dies., 1861a, 677.—Linst., 1878a, 124.—Rail., 1916, 105 (in *Nothocrax urumutum*).—Rans., 1904a, 24 (to *Oxyspirura*), 39.—Stoss., 1897b, 115 (103), 149 (137).
- hispidia* Schlotthauber, 1860a, 126 (in *Anas boschas fera*).
- hominis* Rud., 1819a, 27, 250-253 (in bladder, Homo; Eng.).—Ben., 1878a, 279 (so. Fil. piscium).—R. Bl., 1889d, 706.—Bonis, 1882a, 112, 118, pl. 2 fig. 4.—Brems., 1825, 225-227, pl. 4 figs. 6-10.—Cast. & Chalm., 1910a, 408; 1913a, 523.—Cat. RCSL, 1830, 39.—Chiaje, 1825a, 7, 107-108, pl. 8 fig. 6.—Cobbold, 1866, 9; 1872b, 92; 1872c, 752, 753; 1879b, 183.—Dav., 1877a, xcix.—Dies., 1851a, 223-224.—Duj., 1845a, 84.—Dungl., 1893a, 821, 1031.—Farre, 1859a, 290, 293 (in Homo; Eng.).—Gerv. & Ben., 1859a, 146-147.—Guès, 1879a, 181.—Guiart, 1910a, 596.—Kūech., 1855a, 464.—Lecoq, 1859a, 666-677.—Leuck., 1867b, 151; 1868a, 395; 1876a, 611.—L'Herminier, 1826a, 14.—Meissner, 1863, 55.—Mol., 1860b, 973 (s. *Str. gigas pullus* ? Brems., *Spi. rudolphii* Chiaje).—Owen, 1835l, 394.—Puëttner, 1837a, 4.—Schneid., 1862, 275-276 (reexamined original material and showed it to be *Agamonema piscium* with fish ova and possibly fish entrails).—Scott, 1900, pl. 30.—Slawikowski, 1819, 79.—Stiles, 1907b, 48 (s. *rudolphii*, *rudolphii*, *rudolphiana*, *Fil. piscium*, *Filicapsularia com.*, *Agamonema commune*, *Str. gigas pullus*); 1907e, 526.—Weinl., 1859, 284.
- horrida* (Rud., 1809) Dies., 1851a, 222 (in *Scolopax gallinula*; Greifsw.).—Mol., 1860b, 973 (s. *gallinula*).—Schneid., 1866a, 95.
- humana* Chiaje, 1844a, 112 (in Homo) [nv.].—Par., 1894a, 246.
- hystrichis* Mol., 1860b, 975 (for *hystricis*).
- hystricis* (Rud., 1809) Rud., 1819a, 28 (in esoph., *Hystrix cristata*; by Redi).—Dies., 1851a, 225.—Duj., 1845a, 90.—Hall, 1916a, 220, 222-223 (in H. c.; Italy).—Mol., 1860b, 975 (*hystrichis*).—Par., 1894a, 246.—Stoss., 1897b, 115-116 (103-104) (*hystrichis*).
- ibis* Mol., 1860b, 984 (in *Ibis rubra*; Brazil).—Stoss., 1897b, 116 (104).
- iguanae* Smith (A. J.), 1908a, 269 (in *Cyclura nubila*; from Cuba).—S., F., & W., 1908a, 293, pl. 10 figs. 1-3.
- imbricata* Mol., 1860b, 972 (in *Tantalus loculator*; Brazil).—Drasche, 1884a, 295, pl. 11 fig. 27, pl. 13 fig. 15.—Stoss., 1897b, 102 (90).
- immitis* (Leidy, 1856) Erc., 1875e, 38.—Stiles, 1907b, 46 (to Fil.).
- incerta* Smith (A. J.), 1908b, 269 (21-22) (in parakeets, amazons, conures, parrots; Phila. Zoo.).—S., F., & W., 1908a (b), 291-293 (62-65), pl. 9 (in *Bolborhynchus lineola*, *B. monachus*, *Chrysotis auripallata*, *C. guatemalæ*, *C. leucocephalus*, *C. ochroptera*, *Conurus leucotis*, *C. pertinax*, *Eclectus roratus*, *Lophortyx californicus*, *Palaeornis fasciatus*, *Platycercus barnardi*, *P. eximius*, *P. palladiceps*, *Poocephalus senegalus*, *Protogerys virescens*; Phila. Zool. Gard.).—Fox, 1910, 21-22.—Weidman, 1912, 41-54, 1 chart; 1913, PANS, 133; 1915, JCPT, 313-320 (18-25), figs. 1-4 (of parrots).
- inflata* Mehl., in Crep., 1846a, 135 (so. ? *Tetrameres hamochrous*) (in *Ciconia nigra*; Ing.), 136 (in *Charadrius pluvialis*).—Dies., 1851a, 207 (so. *Tropidocerca paradoxa*).
- inflata* Mol., 1860b, 976-977 (68-69) (in *Falco unicinctus*; Brazil).—Drasche, 1884a, 205.—Stoss., 1889, 51 (16) (to *Physalopt.*).

SPIOPTERA—Continued.

- intermedia* Duj., 1845a, 95 (media Crep., 1825a, 11, renamed) (in *Falco fuscoater*; teste Crep.).—Mol., 1860b, 953 (so. leptopectera).
- labiodentata* Linst., 1899b, 16, fig. 25 (in intest., *Mus navalis*; Egypt).—Hall, 1916a, 203 (to *Protospirura*).
- lachrymalis* (Gurlt, 1831) Cobbold, 1874t, 790 (refers to Gurlt) (apparently in eyes of horse; Ing., does not mention host).
- lanceolata* Mol., 1860b, 940 (s. *crotophagæ-majoris*) (in *Crotophaga major*; Cuyaba).—Drasche, 1884a, 193, pl. 14 fig. 9.—Rans., 1904a, 21.—Seur., 1914, CrSB, 393.—Stoss., 1897b, 104 (92) (so. *semilunaris*).
- lanii* M. C. V. in Mol., 1860b, 928 (so. *erecta*).
- laticauda* Mol., 1860c, 511 (for *laticaudata*).
- laticaudata* Rud., 1819a, 24, 239–240 (in *Otis tetrax*; Mus. Wien).—Mol., 1860c, 511 (to *Histioc.*).—Schneid., 1866a, 103.—Stiles, 1907b, 38 (? type of *Histioc.*).
- laticeps* Rud., 1819a, 23, 238–239 (in *Falco lagopus*; Mus. Wien).—Baird, 1853a, 8.—Crep., 1846a, 131.—Dies., 1851a, 220–221 (to *Disph.*) (in *Strix bubo*).—Duj., 1845a, 71 (to D.).—Hass., 1896a, 5, 6 (to D.).—Lepri, 1898a, 58 (to D.).—Mol., 1860c, 490 (to D.).—Rail., 1893a, 543 (to D.).—Schneid., 1866a, 93 (to *Fil.*).—Stoss., 1891, 90 (to D.); 1898, 94 (to D.).—Also reported for *Falco nisus*, *F. tinnunculus*, *Strix brachyotus*.
- leonis* (Rud., 1809) Rud., 1819a, 27 (in *Leo*).—Dies., 1851a, 224 (in *Felis leo*).—Duj., 1845a, 89.—Mol., 1860b, 974.—Stoss., 1897b, 116 (104).
- leporum* Moniez, 1880k, 447–448 (in stom., *Lepus* [cuniculus]; Wimereux; also *lapins de garennes*, *lapins des dunes de Groffliers*; also *lièvre*; Lille).—Hall, 1916a, 148 (to *Str.*).—Neum., 1892, 373.—Vide *Str. l.*
- leptocephala* (Rud., 1819) Stoss., 1897b, 94–95 (82–83) (s. *gracilis*, *brachystoma*) (in *Bradypus tridactylus*, *B. didactylus*).
- leptopectera* Rud., 1819a, 26, 247–248, 257 (s. *Asc. anceps*) (in *Falco buteo*, *F. cineraceus*, *F. nisus*, *F. tinnunculus*; Mus. Wien).—Baird, 1853a, 10.—Bellingh., 1844a, 102.—Cobbold, 1858b, 164 (in *Accipiter nisus*, *Strix otus*).—Dies., 1851a, 217–218 (in *Emberiza pecoris*, *F. ater*, *F. cyaneus*, *F. lanarius*, *F. palumbarius*, *F. rufus*, *F. subbuteo*, *F. albicollis*, *F. aurantius*, *F. cachinans*, *F. magnirostris*, *F. xanthothorax*, *F. bidentatus*, *F. uncinatus*; Paris); 1861a, 677.—Duj., 1845a, 93.—Garin, 1913, 13, 119–125, 129, 132, 148, figs. 38–42 (in *Buteo vulg.*).—Gurlt, 1845a, 243, 244, 246, 247, 248.—Seur., 1916, 360.—Linst., 1909a, 63, fig. 34 (in *Circus aeruginosus*).—Mol., 1860b, 953–955, 994, 998, 999, 1000 (in *F. tridentatus*, *F. sp.*).—Rans., 1904a, 45.—Seur., 1914, 427.—Stoss., 1897b, 52 (to *Fil.*).—Schneid., 1866, 97.
- leptopectera* (Rayer, 1843d) Mol., 1860b, 953.
- leptostoma* Schlotthauber, 1860a, 126 (in *Petromyzon fluviatilis*; by Schlotth.).
- leuckarti* Walter, 1866a (b), 72 (22), pl. 1 fig. 3 (in *Chrysotis amazonica*; by Walter).—Linst., 1878a, 68 (in *C. a.*).—Stoss., 1897b, 116 (104) (in *C. a.*).
- linstowi* Sons., 1895, 124 (in *Nyctinomus ægyptius*; Egypt).—Stoss., 1897b, 90 (in *N. a.*; *E.*).
- longestriata* Mol., 1860b, 958 (in *Picus campestris*, *P. grammicus*, *P. jumana*; Brazil).—Seur., 1914, CrSB, 429.—Stoss., 1897b, 102–103 (90–91).
- longesubulata* Mol., 1860b, 960 (in *Ciconia maguari*; Brazil).—Dies., 1861a, 677.—Stoss., 1897b, 116–117 (104–105).
- mansoni* (Cobbold, 1879) Gedœlst, 1903a, 90, 103 (s. *Sp. emmerezi*) (in *Gallus gallinaceus*).—Rans., 1904a, 25 (to *Oxyspirura*).
- media* Crep., 1825a, 11–12 (in *Falco fusco-ater*; by Schilling); 1846a, 129 (in *F. apivorus*, *F. ater*).
- mediospiralis* Mol., 1860b, 968 (in *Dasyprocta aguti*, *Tapirus americanus*; Brazil).—Cobbold, 1879b, 402, 403.—Drasche, 1884a, 203, pl. 12 fig. 16.—Hall, 1916a, 219, 220 (to *Physoc.*).—Stoss., 1897b, 95–96 (83–84) (s. *chrisoptera*).
- megalostoma* (Crep. 1829) Duj., 1845a, 96 (in *Falco nisus*; Greifsw.).—Baird, 1853a, 10 (to *Physalopt.*).—Schlotthauber, 1860, 126.—Sisson, 1898, 41–42.—Stoss., 1889, v. 11, 45 (10) (so. *P. alata*); 1898, 88.
- megastoma* Rud., 1819a, 22–23, 236–237 (in *Equus*; Berl.).—Adams, 1887, 318.—Anacker, 1892l, 578.—Bail., 1866b, 42–44 (s. *Spirura megastoma*).—Baird.

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megastoma—continued.

- 1853a, 9.—Berke, 1911, CfB, in 129-134 (Kamerun).—Blumberg, 1884a, 154 (in E. cab.; Kasan).—Buëtsch., 1873a, 23.—Cagny & Gobert, 1904, 685.—Campb. & Lacr., 1907, 81.—Cobbold, 1873c, 111; 1874t, 790; 1875c, 217; 1875d, 210; 1875e, 238; 1876c, 839 (in mule; Port Louis); 1876t, 757, 839; 1877b, 1-5; 1879b, 380, 381, 382, 403, 407.—Craig, 1915, 491, 498.—Dav., 1877a, c, 229, 777-778.—Desmond, 1905, 252.—Dickenson, 1917, VJ, v. 73, 14-15.—Diem, 1908, v. 52, 873-874.—Dies., 1851a, 211.—Duj., 1845a, 91-92.—Eberth, 1863a, 64, 65, 66, 68, 70, pl. 9 figs. 1, 13.—Erc., 1852b, 41-50, figs. a-n; 1852c, 353; 1853b, 451-459; 1854b, 369-370, 1875e, 35.—Fiebiger, 1912a, 236, figs. 155-157.—The Field, Farm, Garden, 1905, Jan. 28 (Australia).—Filenski, 1911, v. 13 (9), 527-530.—Francis, 1894a, 451.—Fröhner, 1915a, 259.—Galli-Val., 1901c, 358; 1908, 611.—Garin, 1913, 129.—Gedölst, 1911a, 110 (in horse, donkey).—Glage, 1904, 796.—Guidotti, 1899b, 203.—Gurlt, 1831a, 60, 155, 156, 351-352, pl. 5 figs. 35-40, pl. 6 figs. 1-4.—Hart, 1874a, 669.—Henry, 1909, AG, NS Wales, v. 20, 579-580, 1 fig.—Hut. & Mar., 1906a, 378; 1910b, 474; 1913b, 471.—Johnst., 1914, 82 (in horse).—Leidy, 1860a, 3.—Leiper, 1908, 191 (in mule; Wau, Bahr-el-Ghazze).—Lingard, 1905, 50.—Looss, 1901a, 75.—Lotham, 1908, v. 33 (4), 474-475.—Martin, 1908, v. 33 (4), 475; 1908, v. 20, 813-814; 1909, v. 13, 469.—Mol., 1860b, 925-926.—Neum., 1892, 346, 347, 348, figs. 126, 127.—Nev.-Lem., 1912a, 818.—Perronc., 1882a, 329.—Petit & Germain, 1907c, 410; 1908, v. 16 (23), 337-338; 1908, v. 31 (30), 374; 1908, v. 82, 567-573.—Place, 1915, 120.—Polonio, 1860b, 22.—Rail., 1890w, 143; 1893a, 533, figs. 370-371.—Rail. & Henry, 1915, BSPe, 696.—Salmon & Stiles, 1902, 85.—Schneid., 1866a, 98, 99.—Seddon, 1916, 8-10.—Seur., 1912, 780.—Sieb., 1845, 91.—Sisson, 1898a, 41-42, figs. 1-2; 1898b, 118.—Sl. & Sw., 1912a, 398, 402.—Stiepanow, 1903a, 604.—Stiles & Hass., 1894e, 347 (in E. c.).—Stödter, 1901a, 61, 94.—Stoss., 1897b, 109-110 (97-98) (in E. c., E. asinus).—Theobald, 1900, 62-63.—Val., 1843, 71-75.—Vaull., 1901, 125.—Verrill, 1870, 178, 232.—Ward, 1895, 340.—Wedl, 1856, v. 19, 43, pl. 2 figs. 15-19.—Weinberg, 1907, 287.—Wolffh., 1911, 50.—Züern, 1882, 246.
- megastoma major* Gurlt, 1831a [nv.].—Cobbold, 1877b, 3 (in Equus cab.); 1879b, 381.—Dies., 1851a, 211.—Rail., 1893a, 535 (so. microstoma).—Ward, 1895, 340.
- microdactyli-margravii* M. C. V. in Mol., 1860b, 921 (so. brevipenis).—Rans., 1904a, 22 (so. Oxyspirura brevipenis).
- microstoma* (Schneid., 1866a) Züern, 1872; 1882, 245.—Adams, 1887, 318.—Campb. & Lacr., 1907, 81-82.—Cobbold, 1873c, 111 (in Equus cab.); 1874t, 789; 1875e, 238; 1876c, 839 (in mule; Port Louis); 1877b, 5; 1879b, 380, 381, 382, 383, 407.—Craig, 1915, 498.—Evans, 1899a, 38.—Fiebiger, 1912a, 237.—Fröhner, 1915a, 259.—Galli-Val., 1908, 611.—Garin, 1913, 126-132, 148, figs. 43-45.—Gedölst, 1911a, 110 (in donkey, horse, mule).—Hut. & Mar., 1906a, v. 2, 378; 1910b, 474; 1913b, 471.—Looss, 1901a, 75.—Martin, 1908, VR, v. 20, 814-815.—Montg., 1906a, 21.—Neum., 1892, 347, fig. 128.—Nev.-Lem., 1912a, 819.—Perronc., 1882a, 328.—Place, 1915, 120, 122, 123.—Rail., 1890w, 143; 1893a, 535 (s. *megastoma major* Dies.).—Rail. & Henry, 1911, v. 4 (10), 695.—Salmon & Stiles, 1902, 85.—Seur., 1912, 778, 780, fig. 2.—Sl. & Sw., 1912a, 398, 402.—Spooner, 1876, 845.—Stiles & Hass., 1894e, 347 (in E. c.).—Stödter, 1901a, 61, 94.—Stoss., 1897b, 99 (87) (in E. c., E. asinus, E. mulus).—Theobald, 1900, 62, 63.—Vaull., 1901, 133.—Ward, 1895, 340.—Weinberg, 1907, 287.—Wolffh., 1911, 51.—Züern, 1882a, 245 (to Fil.).
- minuta* (Ben., 1873) Linst., 1878a, 13 (in Vespertilio dasycneme); 1909a, 65 (in V. d.).—Mingazzini, 1900d, 135, 161, figs. 1, 2.—Seur., 1916, 360.—Stoss., 1897b, 117 (105).
- molini* Stoss., 1897b, 100 (88) (s. *crassicauda* Mol.) (in Tinamus tao, T. strigulosus; Brazil).
- momoti-brasilensis* M. C. V. in Mol., 1860b, 957 (so. cephalopt.).—Rans., 1904a, 23 (so. Oxyspirura cephalopt.).
- mugientis* Linst., 1898d, 761, figs. 6-7 (in Rana mugiens; from N. America).—Seur., 1916, 360 (in R. catesbyana); 1916, CrSB, 1133.
- muriei* Linst., 1889a, 6 (misprint for muriei).
- muricola* Linst., 1905bb, 185-186 (in Mus surifer; Siam).—Hall, 1916a, 187 (to Fil.).—Seur., 1916, 361 (in M. s.).

SPIROPTERA—Continued.

- murici* Cobbold, 1876, PZSL, 296, pl. 21 figs. 11-13 (in *Pithecia leucocephala*; by Murie).—Linst., 1889a, 6 (*murici*) (in P. l.).—Stoss., 1897b, 117 (105).
- murina* Leuck., 1867b, 76; 1876a, 708; 1879a, 86, 88, 102, fig. 45; 1886a, 65, 67, 76, 156, fig. 45.—Anacker, 1893i, 345.—Dolley (see *Fil. obtusa*).
- muris* M. C. V. in Mol., 1860b, 928 (so. *bilabiata*).
- nasicola* Leuck., F., 1842a, 43-47, pl. 1 figs. 9 a-b, pl. 2 figs. 4 a-g (in *Mustela putorius*, M. foina; by Leuck.) [also as *Fil.*, 33].—Dies., 1851a, 225.—Duj., 1845a, 88.—Leuck., 1868a, 402; 1879a, 183; 1886d, 143.—Stoss., 1897b, 18 (6) (to *Fil.*).
- nasuta* Rud., 1819a, 23, 238 (in *Fringilla dom.*; *Mus Wien.*).—Dies., 1851a, 212 (in *Phasianus gallus*).—Duj., 1845a, 75 (to *Disph.*).—Fiebiger, 1912a, 242.—Geddes, 1903a, 48.—Hass., 1896a, 5, 6 (to D.).—Hut. & Mar., 1906a, 189.—Legros, 1864b, 218-219.—Mol., 1860c, 483 (to D.); 1861c, 301.—Nev.-Lem., 1912a, 828.—Rabieaux, 1990a, 19, 20, fig. 2; 1900b, 562 (in chickens: France).—Rail., 1893a, 544 (to D.).—Schneid., 1866a, 94.—Stoss., 1891, 92 (to D.).
- neoplastica* (Fibiger & Ditlevsen, 1914) Fibiger & Ditlevsen, 1914, 1-28, figs. 1-3, 4 pls. 32 figs., to (*Gongylonema* q. v.) (in *Blatta germanica*, *Cavia cobaya*, *Lepus cuniculus* dom., *Mus decumanus*, *M. d. albus*, *M. rattus*, *M. musculus*, *Periplaneta americana*, *P. orientalis*, *Tenebrio molitor*).—Fibiger, 1914, v. 63 (16), 1432; 1914, v. 63 (14), 1244; 1914, v. 57 (34), 1049-1080; 1915, v. 62 (12), 406.—Hall, 1916a, 193 (to *Gong.*).—Wazeink, 1916, NTG, v. 2, 1106; 1916, JAMA, v. 67, 1404. [See also *Spiropt.* species.]
- nuda* Mol., 1860b, 919 (11) (in *Falco cyaneus*, *F. subbuteo*, *Rallus mangle*; Brazil).—Drasche, 1884a, 193.—Linst., 1878a, 109; 1889a, 41.—Par., 1887b, 361; 1894a, 246.—Stoss., 1897b, 89 (77) (in *Circus cyaneus*, *Tinnunculus tinnunculoides*).
- nyctinomi* Linst., 1901b, 412, fig. 6 (in *Nyctinomus martiensseni*: Langenburg, Nyassa-See, Africa).—Seur., 1916, 361 (in N. m.; N.).
- obtusa* Rud., 1819a, 27, 249-250 (in *Mus musculus*; *Greifsw.*).—Anacker, 1893i, 345.—Baird, 1853a, 9.—Ben., 1866a, 209.—Bonis, 1882a, 121.—Brems., 1824a, 126; 1824c, pl. 2 figs. 19-24.—Cobbold, 1861e, 121; 1879b, 316.—Dewitz, 1892b, 143.—Dies., 1851a, 214-215.—Duj., 1845a, 89-90.—Eberth, 1863a, 64.—Galeb, 1878b, 300.—Giehl., 1857a, 268.—Hall, 1916a, 204 (so. *Protospirura muris*).—Lam., 1840a, 661.—Leuck., 1867b, 113, figs. 85-87; 1868a, 366; 1876a, 514, 614; 1879a, 102; 1886d, 76.—Linst., 1904f, 6 (in *M. decumanus*).—Marchi, 1871a, 1-30, pls. 1-2 figs. 1-29.—Mol., 1860b, 934 (s. *Asc. teres*, *A. muris*, *A. obtusa*, *Lumbricus muris*, *Fus. muris*).—Mordw., 1908, v. 13 (1-2), 191.—Nordm., 1840a, 661.—Par., 1894a, 246; 1898b, 20 (to *Fil.*).—Raus. & Hall, 1916, 84, 85, 86 (in rat, mouse, *Tenebrio molitor*).—Rollest., 1888a, 685.—Saunders, 1914, v. 14, 132, 138.—Schlotthauber, 1860, 125.—Schneid., 1866a, 83, 97 (to *Fil.*), 204, 234.—Seur., 1910, 147; 1914, CrSB, 346 [to *Protospirura*]; 1914, 632; 1916, 309, 361 (so. *P. muris*).—Shipley, 1896, 161; 1901b, 161.—Stoss., 1897b, 52 (40) (so. *Fil. muris*).—Also reported for *M. sylvaticus*.
- obelata* Crep., 1825a, 10-11, 80 (in *Larus maximus*, *L. argentatus*, *L. argentatoides*, *L. medius*; by Crep. & Schilling; 1829b, 4-6; 1846a, 136.—Dies., 1851a, 231 (so. *Histioc. spiralis*).—Duj., 1845a, 101-102 (in *L. argentatus*, *L. argentatoides*, *L. medius*, *Sterna risoria*, *Totanus maculatus*, *T. fuscus*).—Stoss., 1897b, 54 (42) (to *Fil.*).—Also reported for *Alca torda*, *L. canus*, *L. fuscus*, *L. marinus*, *L. ridibundus*, *Mergus serrator*, *Sterna arctica*, *Totanus hypoleucus*.
- ochracea* (Linst., 1894b) Linst., 1909a, 63, fig. 35 (in *Trutta trutta*, *Thymallus vulg.*).—Jääkeläinen, 1913, 92-93 (in Th. v.; Finland).
- orca* Linst., 1906, v. 3, 166-167, pl. 1 figs. 6-8 (in stomach, *Manis pentadactyla*; Horane).
- orioli* M. C. V. in Mol., 1860b, 957 (so. *cephalopt.*).—Raus., 1904a, 23 (so. *Oxyspirura cephalopt.*).
- ornata* Mehl. in Crep., 1846a, 132 (in *Corvus glandarius*; by Mehl.).
- pachyderma* Crep., 1851b, 280 (in *Falco aesalon*; *Greifsw.*).—Linst., 1878a, 114 (in F. a.).—Mol., 1860b, 976 (in F. a.; G.).—Stoss., 1897b, 117 (105);
- palamedea-cornuta* M. C. V. in Mol., 1860e, 350 (renamed *Str. anulatus*; 1861a, 509 (85) (so. S. a.).
- papillata* Mol., 1859h, 25 (in intest., *Leuciscus cavedanus*; Padua).—Linst., 1878a, 256 (in L. c.).—Par., 1894a, 247.—Stoss., 1897b, 117 (105) (in L. c.; P.).

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- papillosa* Mol., 1860b, 929-930 (21-22), 998 (s. *falconis*, f. *leptopodis*, f. *gavialis*—*realis*) (in *Falco destructor*, F. *gracilis*; Brazil).—Dies., 1861a, 676.—Drasche, 1884a, 195, pl. 12 fig. 20, pl. 13 fig. 7.—Linst., 1878a, 110 (in *Geranospiza gracilis*), 115; 1889a, 41.—Rans., 1904a, 27 (to *Oxyspirura*).—Stoss., 1897b, 95 (83), 141 (129).
- pectinifer* Lint., 1901b, 411, 427-428, figs. 197-199 (in *Sphyrna zygaena*; Woods Hole).
- pectinifera* Neum., 1900a, 513-515, figs. 1-2 (in gizzard, *Gallus dom.*; Lyon, France); 1901a, 255; 1904b, 6.—Fröhner, 1915a, 259.—Gedölst, 1903a, 48; 1911a, 110 (in chicken).—Hut. & Mar., 1906a, 382; 1910b, 480; 1913b, 479.—Nev.-Lem., 1912a, 826.—Nicolas, 1904f, 152.
- penihamata* Mol., 1860b, 938-939 (s. *strigis*, *strigis-atricapillæ*, s. *flammeæ*, s. *griseatæ*, s. *lineatæ*) (in *Strix atricapilla*, S. *flammea*, S. *griseata*, S. *albo-marginata*; Brazil).—Drasche, 1884a, 198, pl. 13 fig. 6.—Linst., 1878a, 105-106; 1889a, 40.—Rans., 1904a, 23.—Seur., 1915, 14 (in *Strix*; B.).—Stoss., 1897b, 100 (88).
- perforans* Centoseudi, 1911, ZA, v. 37 (19-20), 394-400, figs. 1-5 (in *Gallus dom.*; Italy); 1911, RMv, 391; 1913, RgMv, 82-83.—Gedölst, 1911a, 110 (in chicken; I.).—Rail., 1911, RMv, 391 (so. *Acuaria hamulosa*).
- phasiani-picti* Mol., 1860b, 981 (73) (in *Phasianus pictus*; M. C. V.).—Drasche, 1884a, 206, pl. 11 fig. 29.—Linst., 1878a, 122; 1889a, 46.—Stoss., 1897b, 51 (39) (to Fil.).
- philomela* Dies., 1851a, 226 (s. Fil. *abbreviata*) (in *Sylvia philomela*, *Saxicola stapezina*; M. C. V.).—Linst., 1878a, 87, 92.—Rans., 1904a, 31, 32 (so. Fil. ab.).
- physalura* Duj., 1845a, 94-95 (in *Falco com.*, F. *nisus*, F. *pygargus*, F. *palumbarius*, F. *pennatus*, F. *rufus*, F. *subbuteo*, F. *gallicus*; France).—Baird, 1853a, 10.—Stoss., 1889, 45 (10) (so. *Physalopt. alata*); 1898, 88.
- pigmentata* Linst., 1897c, 608-610, pl. 28 figs. 1-5 (in *Cercopithecus albigularis*; lng.).—Stoss., 1897b, 93-94 (81-82).
- pigmentalis* Concilium Bibliog. card (for *pigmentata*).
- pistillaris* Mol., 1860b, 955 (s. *strigis-magellanicae*) (in *Strix magellanica*; Brazil).—Linst., 1878a, 106; 1889a, 40.
- platalex-ajajæ* M. C. V. in Mol., 1860b, 964 (so. *quadripapillosa*).
- platalex-ajajæ* M. C. V. in Mol., 1860c, 497 (so. *Disph. magnilabiatu*s).
- posthelia* Mol., 1860b, 926-927 (s. *tinami-macucabu*) (in *Tinamus tao*; Brazil).—Linst., 1878a, 125; 1889a, 47.—Stoss., 1897b, 86 (74).
- procellariæ* Dies., 1851a, 223 (s. p. *anglorum*) (in *Procellaria anglorum*; Ireland).—Linst., 1878a, 165.—Mol., 1860b, 987-988.—Skrj., 1916, CrSB, 972.—Stoss., 1897b, 117 (105) (in P. a.; I.).
- procellariæ-anglorum* Dies., 1851a, 223 (so. *procellariæ*) (based on Bellingh., 1844a, 102).—[Duj., 1845a, 102.]—Stoss., 1897b, 117 (105) (s. p.).
- psittaci* M. C. V. in Mol., 1860b, 923 (so. *circularis*).
- psittaci* M. C. V. in Mol., 1860b, 947 (so. *tercostata*).
- psittaci-æstivi* M. C. V. in Mol., 1860b, 927 (so. *quadricostata*).
- psittaci-æstivi* M. C. V. in Mol., 1860b, 947 (so. *tercostata*).
- psittaci-ararauna* M. C. V. in Mol., 1860b, 923 (so. *circularis*).
- psittaci-hyacinthini* M. C. V. in Mol., 1860b, 923 (so. *circularis*).
- psittaci-macaronis* M. C. V. in Mol., 1860b, 923 (so. *circularis*).
- pulchella* Mol., 1860b, 985 (in *Rallus cayennensis*; Brazil).—Drasche, 1884a, 207.—Linst., 1878a, 138; 1889a, 51.—Stoss., 1897b, 109 (97).
- puleis* (Linst., 1894) Linst., 1909a, 66, fig. 45 (in *Gammarus pulex*).
- quadrialata* Mol., 1860b, 965-966 (in *Mus musculus*; Brazil).—Drasche, 1884a, 203.—Hall, 1916a, 90, 220, 221 (in M. m.; B.).—Linst., 1878a, 22; 1889a, 10.—Par., 1898b, 20.—Stoss., 1897b, 89 (77).
- quadricostata* Mol., 1860b, 927 (s. *psittaci-æstivi* M. C. V.) (in *Psittacus æstivus*; Brazil).—Linst., 1878a, 66.—Stoss., 1897b, 118 (106).
- quadridentata* Mol., 1860b, 941-942 (s. *saracuræ*) (in *Alcedo americana*; Brazil).—Drasche, 1884a, 199.—Linst., 1878a, 72; 1889a, 30 (in *Chloroceryle americana*).—Stoss., 1897b, 107 (95).

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- quadrilabiata* Drasche, 1884a, 214-215, 217, pl. 11 figs. 7, 17, pl. 13 fig. 8 (in *Brycon falcatus*, *Dicotyles labiatus*, *Trogon collaris*; Coll. Mol.).—Linst., 1889a, 124.
- quadriloba* Rud., 1819a, 25, 241-242 (in *Picus viridis*; Mus. Wien).—Dies., 1851a, 226.—Gieb., 1857a, 268.—Leidy, 1885b, 10.—Mol., 1860c, 500 (so. *Disph. crassus*).—Schneid., 1866a, 93.—Stiles & Hass., 1894e, 348 (in *Hylotomus pileatus*).—Also reported for *Picus martius*.
- quadripapillosa* Mol., 1860b, 964 (s. *plataleæ-ajajæ*) (in *Platalea ajaja*; Villa Maria).—Drasche, 1884a, 202.—Linst., 1878a, 148; 1889a, 54.—Stoss., 1897b, 88 (76) (in *Ajaja ajaja*; Brazil).
- quadrispinosa* Mol., 1860b, 987 (in *Anas dominica*; Brazil).—Linst., 1878a, 155.—Skrj., 1916, 480 (in A. d.).—Stoss., 1897b, 118 (106).
- radiata* Nitzsch in Gieb., 1866a, 274 (in *Falco peregrinus*).—Linst., 1878a, 117 (in F. p.).—Stoss., 1897b, 118 (106).
- rajæ* Dies., 1851a, 229-230 (*rajæ-batis* Bellingh. renamed) (in *Raja batis*, R. *clavata*; Ireland, Bellingh., 1844a, 102).—Krøyer., 1852-53a, 995 (for *rajæ-batis*), 1272.—Mol., 1860b, 988 (s. *rajæ-batis*, *rajæ-clavata*).
- rajæ-batis* Dies., 1851a, 230 (based on Bellingh., 1844a, 102, in *Raja batis*).—Krøyer., 1852-53a, 995 (in *Raja batis*).—Mol., 1860b, 988 (so. *rajæ*).
- rajæ-clavata* Mol., 1860b, 988 (in *Raja clavata*; based on Duj., 1845a, 105) (so. *rajæ*).—Wedl, 1855, v. 16, 388, 394, pl. 2 fig. 28.
- ralli* Rud., 1819a, 642-643 (in *Rallus*; Brazil).—Dies., 1851a, 228 (in R. *mangle*, R. *saracura*; B.).—Linst., 1878a, 139.—Mol., 1860b, 986.—Stoss., 1897b, 118 (106).
- ramphastos* M. C. V. in Mol., 1860c, 492 (so. *Disph. crassissimus*).
- ratti* Dies., 1851a, 225 (in *Mus rattus*; Ber.).—Hall, 1916a, 220, 221 (in *Epimys rattus*).—Linst., 1878a, 23.—Mol., 1860b, 975.—Stoss., 1897b, 119 (107).
- recta* (Linst., 1879) Muell., 1897a, 6, pl. 1 fig. 4, to Fil. (Spiropt.).—Linst., 1909a, 63-64, fig. 36 (in *Colymbus cristatus*).
- recticauda* Mol., 1860e, 346 (in *Falco coronatus*; Brazil).—Linst., 1878a, 115.—Stoss., 1897b, 119 (107).
- reticulata* (Dies., 1841) Rail., 1885a, 391-392 (s. *cinnamata*); 1891c, 85-90 (in *Equus cab.*); 1893a, 538, figs. 376-380 (s. *cinnamata*).—Assénova, 1899, 105.—Bassi, [1875b, 497-515; 1885a, 1-13;] 1885b, 145-150.—Campb. & Laer., 1907, 82.—Conte, 1893a; 1894a, 513.—Daniels, 1910a, U8.—Diamare, 1897a, 465.—Dodd, 1910, v. 24 (2), 85-86; 1910, v. 24 (2), 86-87 (in cattle); 1910, v. 22, 570-571.—[Ferguson, 1838a, 520.]—Fiebiger, 1912a, 238, figs. 159, 160.—Frehner, 1915a, 260.—Galli-Val., 1901c, 358; 1908, 611.—Lingard, 1905, 53, 54.—Nev.-Lem., 1912a, 813.—Pader, 1900c, 59-64.—Pillers, 1914, 51.—Ratz, 1898a, 103-106, figs. 1-7; 1900g, 143-144.—Schwericke, 1910, 5-88, 5 pls. 10 figs.—Shipley, 1896, 149; 1901b, 149.—Sl. & Sw., 1912a, 397, 404.—Stiles, 1892q (in *Bos taurus*).—Stiles & Hass., 1894e, 347 (in B. t.).—Stoss., 1897b, 97-98 (85-86) (s. Fil. *cinnamata*).—Sweet, 1915, 5, 10.—Theobald, 1900, 63.—Vaull., 1901, 123.—Vet. Mag., 1894, v. 1 (7), 511-512.—Ward, 1895a, 334, 340.
- retusa* (Rud., 1819) Duj., 1845a, 104 (in *Podinema teguixin*; Brazil).
- revoluta* Rud., 1819a, 26, 247 (in *Charadrius himantopus*; Mus. Wien).—Duj., 1845a, 100 (in *Himantopus melanopterus*).—Linst., 1878a, 132.—Mol., 1860c, 493 (to *Disph.*).—Poche, 1912, AN, 12.
- rhex-americanæ* M. C. V. in Mol., 1860b, 929 (so. *uncinipenis*).
- rubella* Mehl. in Crep., 1846a, 135 (in *Ciconia nigra*; by Mehl.).
- rudolphi* Chiaje, 1825a, 7-8, 107-108, pl. 1 fig. 3 (s. *rudolphi*) (in *Homo*); 1833a, 5-6, pl. 1 fig. 4.—Stiles, 1907b, 48 (so. *hominis*).
- rudolphiana* Chiaje, 1825a, 7-8, pl. 1 fig. 3 (for *rudolphi*).—R. Bl., 1889d, 706.—Stiles, 1907b, 48 (so. *hominis*).
- rudolphii* Dies., 1851a, 223 (for *rudolphi*) (so. *hominis*).—Mol., 1860b, 973 (so. h.).—Stiles, 1907b, 48 (so. h.).
- saginata* (Rud., 1819) Duj., 1845a, 96 (in *Strix*; Brazil).—Baird, 1853a, 107.—Mol., 1860e, 347 (in *Caprimulgus gujanensis*, C. *leucopygius*, *Corvus cajanus*, *Crotophaga ani*, *Cuculus tinguacu*, *Falco furcatus*, *Icterus cristatus*, *Strix atricapilla*, *S. torquata*, *Thamnophilus funebris*).—Stoss., 1889, 53 (18) (to *Physalopt.*).

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- salmonis* M. C. V. in Mol., 1860b, 931 (23) (so. *acuminata*) (in *Brycon falcatus*; Brazil).
- sanguigna* Oreste [nv.].—Par., 1894a, 587.—Toce, Leonardo, 1863a.
- sanguilenta* Porta, 1902a, 1 (for *sanguinolenta*).
- sanguinis* Erc., 1875e, 37 (so. *Fil. immitis*) (in dog; Bologna).
- sanguinolenta* Rud., 1819a, 27, 249 (s. *Str. lupi*) (in stomach, *Canis lupus*; Ber.).—Anacker, 1892l, 578.—Bail., 1866b, 44–45.—Baird, 1867a, 296–297 (in dog; China).—Bel, 1907, 387; 1908, 224–225; 1908, 5i (5), 275; 1908, v. 3, 416.—Blaise, 1883a, 98–101, 122–125, 150–154, 174–176, 194–196, 220–223, 248–251, 274–277.—R. Bl., 1895b, 173–175.—Blumberg, 1884a, 154 (in dog; Kasan).—Bochefontaine, 1876a, 263–264.—Campb. & Lacr., 1907, 82.—Caparini, 1887d, 385; 1887e, 385–386.—Carougeau & Marotel, 1903, 448.—Chatin, 1885a, 38.—Chaussat, 1850, CrSb, v. 1, 46–48 (in *Canis vulpes*).—Chauvrat, 1886a, 654.—Cobbald, 1869a, 47, 49, 63; 1873c, 87, 91; 1879b, 303.—Cohn, 1899a, 11.—Craig, 1915, 503.—Crep., 1847a, 289.—Dav., 1877a, c, fig. 54, 770–776, 953, 954, 955, 956, fig. 29.—Dies., 1851a, 213–214 (in *C. fam.*, *C. l.*, *C. vulpes*).—Duj., 1845a, 88–89, 278, pl. 5 fig. A.—Edelmann, [1902], 1903, 216.—Erc., 1875e, 39.—Francesco 1872a, 296–307; 1873a, 77–78.—Fiebiger, 1912a, 238.—Fröhner, 1915a, 259.—Fülleborn, 1908, 669.—Galli-Val., 1898c, 8; 1901c, 358 (in *Vulpes vulg.*).—Gedølst, 1911a, 110 (in dog).—Grassi, 1888f, 99–101; 1888g, 1–3; 1888r, 614, 615.—Gurlt, 1831a, 156, 353, pl. 6 figs. 5–10.—Hut. & Mar., 1905a, 860, 872; 1906a, 60, 208, 381; 1910b, 78, 248, 480; 1913a, 935, 1113; 1913b, 84, 254–255, 478.—Janson & Tokishige, 1892a, 351–352.—Lamprey, 1867a, 297.—Le Maitre, 1906, 18.—Lewis, 1872d, 45.—Linst., 1906, 167.—Littlewood, 1890a, 78–79.—Martemucci., Mégn., 1882x, 384–385; 1895b, 132–133.—Mol., 1860b, 935–936 (s. *Lumbricus lupi*, *Str. lupi*).—Morod, 1900b, 166.—Mordw., 1908, v. 13 (1–2), 192, 193, 196.—Neum., 1892, 368, 369, 370, 371, figs. 142, 143.—Nev.-Lem., 1912a, 821.—Paladino, 1863.—Par., 1887c, 495; 1894a, 246, 490, 536, 589.—Pease, 1898a, 81; 1901a, 1–4 (in dog; Punjab); 1901c, 134–136; 1902a, 243.—Perronc., 1882a, 330.—Porta, 1902a, 1; 1902, ASN Modena, 40; 1903a [40]; 1905c, 33.—Rail., 1888f, 427–430 (path.); 1889f, 127–128 (larva in *Periplaneta orientalis*); 1889g, 129; 1890b, 134; 1890w, 143; 1892r, 274–277; 1893a, 536 (s. *Str. lupi* Rud.).—Rail. & Henry, 1911, 4 (10), 695 (type of *Spirocerca*).—Ratz, 1898a, 397.—Rayer, 1843b, 30; 1843e, 171–175, pl. 8 figs. 1–9.—Schneid., 1866a, 100, 246.—Seur., 1910, 147; 1911, 608; 1912, 279, 280; 1912, 778, 780; 1916, 352.—Sieb., 1845, 210.—Sl. & Sw., 1912, 398, 402, 403.—Sons., 1889, 194, 281.—Stoedter, 1901a, 61 (ir fox, dog, and wolf), 94.—Stoss., 1896, v. 17, 123; 1897b, 92–93 (80–81) (in *Canis aureus*); 1898, 96–97.—Türnmurti, 1915, v. 71, 384–387, figs. 1–2.—Toce, 1863.—Vaull., 1901, 120, 125, 133.—Verrill, 1870, 173, 232.—Ward, 1895, 343.—Wedl, 1855, v. 17, 309; 1856, v. 19, 44, pl. 2 figs. 20–21.—Wilson-Barker, 1896, v. 69, 593–595 (cf. *dumb rabies*).—Züern, 1882, 246.
- saracura* M. C. V. in Mol., 1860b, 942 (so. *quadridentata* Mol.).
- scalopis-canadensis* Leidy, 1851a, 156 (in *Scalops canadensis*; Ing., [U. S. A.]); 1856b, 53 (so. *Physalopt. limbata*); 1904a, 46, 98.
- scolopacis* Mol., 1860b, 985 (in *Scolopax limosa*; M. C. V.).—Linst., 1878a, 131 (in *Limosa melanura*).—Stoss., 1897b, 119 (107).
- scutata* (Leuck., 1873) Korzil, 1877a, 220–222, figs. 1–5 (in *Sus scrofa dom.*).—Campb. & Lacr., 1907, 82.—Cortelezzi, 1915, 153.—Fröhner, 1915a, 259.—[Harms, 1876a, 76, nv.].—Hut. & Mar., 1906a, 208; 1910b, 249.—Lingard, 1905, 27, fig. 2.—Linst., 1878a, 48 (in *Bos taurus*).—Neum., 1892d, 366, 367 (s. *scutata oesophagea bovis*).—Rans., 1911a, 100 (to *Gongylonema*).—Skrj., 1909, v. 21, 815–817.—Sl. & Sw., 1912a, 400.—Stiles, 1892b, 65 (to *Myzomimus*, tod.); 1907b, 38.—Ward, 1895a, 334 (in *B. t.*), 337 (in *Ovis aries*), 340 (in *Equus cab.*).—VOv, 1911, 200.
- scutata bovis* Züern, 1882, 249 (see *scutata*).
- scutata oesophagea bovis* Perronc., 1882a, 331.
- scutata oesophagea bovis* Müell., 1869b, 303–305 (see *scutata*).
- scutata oesophagea bovis-tauri* Müell., 1869b, 305 (see *scutata*).
- scutata oesophagea bovis* Müell., 1869a, 127–129 (cf. s. o. b.-tauri) (in *Bos taurus*; by Müell.); 1869b, 303–305 (*scutata oesophagea bovis*); 1870a, 348 (*Spirophera*).—Cortelezzi, 1915, 152.—Harms, 1877a, 131 (in sheep).—Rail., 1893a, 541 (so. *Gongylonema scutatum*).—Stiles, 1892b, 65 (so. *Myzomimus scutatus*) (in cattle and horses); 1892c, 65 (in c. and h.).—Züern, 1882, 248.

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- scutata œsophagea boris-tauri* Muell., 1869a, 129 (for s. o. b.).—Korzil, 1877a, 220.
scutata œsophagi bovis Fiebiger, 1912a, 239.
secretoria Linst., 1906, v. 3, 166, pl. 1 fig. 5 (in esoph. and stom., *Plotus melanogaster*; Wirawila).
semilunaris Mol., 1860b, 936 (s. *trogonis-cincti* M. C. V., *trogonis-melanuri* M. C. V.) (in *Trogon collaris*, *T. melanurus*; Brazil).—Drasche, 1884a, 197, pl. 11 fig. 23, pl. 13 fig. 10.—Linst., 1878a, 69; 1889a, 28.—Seur., 1914, CrSB, 393.—Stoss., 1897b, 104 (92) (in *Crotophaga major*; Brazil).
serpentulus Dies., 1851a, 221 (falconis Rud., renamed) (in *Falco rufipes*, *F. cacinans*, *F. aquilinus*, *F. gracilis*, *F. milvodes*, *F. magnirostris*, *F. urubutinga*, *F. melanops*, *F. unicinctus*, *F. nitidus*; Brazil): 1857a, 14 pl. 2 figs. 1-7; 1861a, 677.—Crisp. 1853a, 68.—Drasche, 1884a, 202, pl. 13 figs. 18-19.—Linst., 1878a, 108 (in *Ibyster aquilinus*): 1889a, 41.—Mol., 1860b, 961-963 (in *F. aq.*, *F. destructor*, *Picus lineatus*, *P. robustus*).—Stoss., 1897b, 86-87 (74-75) (in *F. vespertinus*, *Geranospiza gracilis*, *Morphnus urubutinga*).
serrata Linst., 1907, 254, pl. 6 fig. 8 (in *Anthropopithecus tschego*, *Troglodytes niger*; Kamerun).
sexalata Mol., 1860b, 957-958 (s. *strongylina suis-labiati* M. C. V., *strongylina* Dies., pars) (in *Dicotyles albirostris*, *Sus scrofa fera*; Brazil).—Ciurea, 1912, v. 32 (3), 285-294, figs. a-b, pl. 5 figs. 1-7 (S.s. dom.).—Cobbold, 1879b, 407.—Linst., 1878a, 47 (in *D. l.*): 1889a, 20.—Rail. & Henry, 1911, v. 4 (10), 697 (type of *Physocephalus*).—Seur., 1912, 778, 780; 1912, v. 72 (5), 174-176 (in *dromadaire*, âne; Algeria).—Stoss., 1897b, 105-106 (93-94) (s. *Fil. nitidulans*) (in *Tapirus americanus*).
sexalata cristata Seur., 1912, CrSB, 174-176 (in *dromadaire*; Algeria).
sigmoidea Rail., 1916, JP, 105 (in *Corvus frugilegus*) (for *sygmoidea*).
simia Rud., 1819a, 27, 253 (s. *Fil. alata*) (in stom., *Simia maimon*; by Albers).—Dies., 1851a, 224.—Duj., 1845a, 84.—Linst., 1878a, 7 (in *Cynocephalus mormon*).—Mol., 1860b, 974 (s. *F. a.*).—Stoss., 1897b, 119 (107) (in *Inuus maimon*).
singularis Mol., 1860b, 941 (s. *vulturis-urubu*) (in *Cathartes urubu*; Brazil).—Drasche, 1884a, 199, pl. 11 figs. 12-14.—Linst., 1878a, 108, 1889a, 40.—Stoss., 1897b, 107 (95).
smithi R., H., & B., 1914, 209-210 (for *Fil. smithii* Cobbold, 1882).
species Casali 1874a [nv.]; 1874b, 76-77 (in *pollo*; by Casali).
species Fibiger, 1913, ZK, v. 13, 217-280, pls. 4-18 figs. 1-92 (in *Blatta germanica*, *Mus decumanus*, *M. musculus*, *Periplaneta americana*, *P. orientalis*); 1913, MmW, v. 60, 2015; 1913, BkW, v. 50, 289-298, figs. 1-12 (in *M. m.*, *P. a.*, *P. o.*): 1913, v. 6, 417, 449, pl. 1-6, 472 (discussion), 441-448 (see *neoplastica*); 1913, OdV, 47-87 (1-41); 1915, CPA, v. 36, 299-300.
species Gerst., 1866 [nv.].—Hall, 1916a, 220 (in *Epimys* sp.; Budapest).
species Bakody, [nv.].—Hass., 1896a, 6 (in *Gallus dom.*).
species Krøyer, 1852-53a, 976 (in *Raja clavata*).
species Land., 1882, 23 [nv.].
species Linst., 1901b, 412 (in *Mus minimus*; Langenburg, Nyassa-See, Africa).—Hall, 1916a, 220, 223 (in *M. sp.*=*minimus*).
species Linst., 1904f, 6 (in *Bufo melanostictus*; Colombo).
species Linst., 1906, v. 3, 167 (in intest., *Cittacincta macroura*; Nedunkeni).
species Linst., 1906, v. 3, 167 (in esoph., *Pavo cristatus*; Buttuwa).
species Linst., 1906, v. 3, 167 (in peritoneum, *Sciurus palmarum*; Colombo).
species Looss, 1901a, 72 (in bat).
species Par., 1889c, 775, 779 (dietro il bulbo cavo orbitale, *Ninox scutulata*; Birmania).—Rans., 1904a, 39 (so. feai).—Stoss., 1897b, 114 (so. feai).
species Porta, 1911, 377 (in *Falco vespertinus*; Parma).
species Seur., 1910, 144-147, figs. 1-4 (in *Ateuchus sacer*; Algeria).
species Shipley, 1905i, 253 (in *Centetes ecaudatus*; Zool. Gard. Lond.).
species Tryon, 1910, QAJ, v. 24 (2), 81-84 (in cattle) to (*Onchocerca*).
species Wolffh., 1900a, 12 (in *Accipiter nisus*), 16 (in *Otus vulg.*).

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- species.—Also reported for *Colymbus auritus*, *Felis dom.*, *Mus minimus*.
- spiralis* Mol., 1860b, 947-948 (in *Bradypus didactylus*; Brazil).—Cobbald, 1879b, 321.—Drasche, 1884a, 200, pl. 14 fig. 23.—Linst., 1878a, 63; 1889a, 27.—Rail., 1916, 105 (in *B. cuculliger*, *Cholœpus didactylus*).—Rail. & Henry, 1910, 251 (in *B. cuculliger*, *B. D.*; *B.*)—Stoss., 1897b, 125 (113) (to *Oxyspirura*).
- stereura* Rud., 1819a, 23, 237, 555 (in *Falco nævius*; Mus. Wien).—Dies., 1851a, 212; 1861a, 678.—Duj., 1845a, 52, 93.—Gurlt, 1845a, 246.—Linst., 1878a, 113 (in *Aquila nævia*).—Mol., 1860b, 967, 999.—Rans., 1904a, 29 (to *Oxyspirura*). Rayer, 1843d, 145.—Schneid., 1866a, 78, 108.—Stoss., 1889, 183; 197b, 119-120 (107-108), 142 (130).—Westrumb, 1821, 69.
- sternæ* Rud., 1819a, 29 (in *Sterna hirundo*; Greifsw.).—Dies., 1851a, 228.—Mol., 1860b, 988 (so. *acanthocephalica*).
- stomoxeos* (Linst., 1875) Seur., 1916, 361.
- striata* Crep., 1851b, 288 (in *Colymbus (Podiceps) auritus*; by Crep.).—Linst., 1878a, 172.—Mol., 1860b, 987 (in *Podiceps auritus*; Greifsw.).—Stoss., 1897b, 120 (108).
- strigis* Rud., 1819a, 28 (in stomach, *Strix scops*; C. E. V.).—Dies., 1851a, 226.—Duj., 1845a, 96.—Lepri, 1898a, 53, 54, 63-64, figs. 13-17.—Linst., 1878a, 103 (in *Ulula aluco*).—Mol., 1860b, 977 (s. *strigis-aluconis* Duj.) (in *S. aluco*; Rennes).—Poche, 1912, AN, 12.—Stoss., 1897b, 120 (108).—Also reported for *Ephialtes scops*.
- strigis* M. C. V. in Mol., 1860b, 939 (so. *penihamata*).
- strigis* M. C. V. in Mol., 1860b, 960 (so. *brevisubulata* Mol.).—Rans., 1904a, 23 (so. *Oxyspirura brevisubulata*).
- strigis* (Linst., 1877) Seur., 1915, 561 to (Fil.); 1916, 325, 361 (so. *Physoc. sexalatus*).
- strigis-aluconis* Mol., 1860b, 977 (in *Strix aluco*; Rennes, Duj., 1845a, 96) (so. *strigis* Rud.).
- strigis-atricapillæ* M. C. V. in Mol., 1860b, 939 (so. *penihamata*) (in *Strix atricapilla*; Brazil).
- strigis-brachyoti* Mol., 1860b, 977 (in *Strix brachyotus*).—Linst., 1878a, 104 (in *Aegolius brachyotus*).—Stoss., 1897b, 120 (108) (in *Otus brachyotus*).
- strigis-flammæ* M. C. V. in Mol., 1860b, 939 (so. *penihamata*) (in *Strix flammea*; Brazil).
- strigis-griseatæ* M. C. V. in Mol., 1860b, 939 (so. *penihamata*) (in *Strix griseata*; Brazil).
- strigis-lineatæ* M. C. V. in Mol., 1860b, 939 (so. *penihamata*) (in *Strix*; Brazil).
- strigis-magellanicæ* M. C. V. in Mol., 1860b, 955 (so. *pistillaris*).
- strongyliiformis* Blainv., 1828a, 546 (based on *strongylina* in Brems., 1824c, pl. 2 figs 15-18, in *Sus scrofa* dom.).
- strongilina* Perronc., 1882a, 330 (for *strongylina*).
- strongylina* Rud., 1819a, 23, 237-238 (in stom., *Sus fera*; Mus. Wien).—Anacker, 1892l, 578.—AaN., 1892, v. 8 (3), 41.—Bail., 1866b, 44.—Baird, 1853a, 10.—Brems., 1824a, 126; 1824c, pl. 2 figs. 15-18.—Giurea, 1911, CfB, v. 61 (1-2), 128-133, fig. 1, 1 pl. figs. 1-5.—Cobbald, 1873c, 123; 1879b, 406, 407.—Crep., 1839a, 280.—Dav., 1877a, c, 231.—Dies., 1851a, 211-212 (in *Dicotyles albirostris*, *S. scrofa fera*, *S. s. dom.*; Brazil).—Duj., 1845a, 92.—Fiebiger, 1912a, 237, fig. 158.—Francis, 1894a, 451.—Frœhner, 1915a, 259.—Gedœlst, 1911a, 110 (in hog).—Gurlt, 1831a, 156, 352-353, pl. 6 figs. 11-16; 1832a, pl. 6 figs. 11-16; 1847a, 76, pl. 1 figs. 8-9.—Hut. & Mar., 1906a, 381; 1910b, 479; 1913b, 477 (in *Wildschwein*, Peckari).—Kaupp, 1910, v. 4 (11), 29-31, figs. 1-4.—Lam., 1840a, 661.—Linst., 1904f, 5.—Mol., 1860b, 924, 957 (so. *sexalata*).—Neum., 1892, 367.—Nev.-Lem., 1912a, 825.—Nordm., 1840a, 661.—Rail., 1893a, 536.—Rail. & Henry, 1911, v. 4 (10), 696 (type of *Arduenna*).—Ratz, 1898a, 388-390, 392; 1899d, 324-327.—Schneid., 1866a, 101.—Sl. & Sw., 1912a, 399, 403.—Stiles & Hass., 1894e, 347 (in *S. s.*).—Stœdter, 1901a, 61 (in *S. s.*), 94.—Stoss., 1897b, 91-92 (79-80) (in *Dicotyles labiatus*).—Verrill, 1870, 179, 231, fig.—Wolffh., 1911, 51-52.—Youatt, 1847, 95.—Zuërn, 1882, 247.
- strongylina suis-labiata* M. C. V. in Mol., 1860b, 957 (so. *sexalata*).

SPIROPTERA—Continued.

- strumosa* (Fröel., 1791) Rud., 1819a, 24-25, 241 (in *Talpa europæa*; Greifsw.).—Anacker 1893i, 345.—Baird, 1853a, 2.—Bellingh., 1844a, 102.—Ben., 1858a, 1861a, 281.—Carnoy, 1886b, 5-19, 22, 24, 49, 53, 60, 68, 79, figs. 101-130 (in *taupe*); 1887b, 395.—Cobbold, 1879b, 296.—Crep., 1839a, 280.—Dies., 1851a, 213; 1861a, 677; 1861c, 279.—Duj., 1845a, 86-88.—Galli-Val., 1901c, 358.—Hall, 1916a, 199 (so. *Spirura talpæ*).—Leuck., 1867b, 113.—Mol., 1858d, 152; 1860b, 933-934 (s. *Asc. teres*, *A. talpæ*, *A. strumosa*, *Fus. convoluta*, *Spirura talpæ*); 1861c, 300 (in *T. e.*; Padua).—Nitzsch, 1829a, 113, 1 pl. 9 figs.; 1829b, 312-313.—Par., 1894a, 246.—Schneid., 1866a, 103.—Seur., 1911, CrSB, 606-608; 1916, 314, 352, 361 (so. *Spirura talpæ*).—Stoss., 1897b, 43 (31) (to *Fil.*).—Walter, 1866, 72-73.
- sturni* Rud., 1819a, 28 (in *Sturnus cinclus*; C. E. V.).—Dies., 1851a, 227 (in *Cinclus aquaticus*).—Duj., 1845a, 98 (in *S. c.*; Rennes).—Linst., 1878a, 88; 1909, 65 (in *C. cinclus*).—Mol., 1860b, 979-980.—Poche, 1912, AN, 12.—Stoss., 1897b, 120-121 (108-109).
- stylosa* Linst., 1908, 26 (in Frosch; Africa).
- subequalis* Mol., 1860b, 921-922 (13-14) (s. *felis-concoloris*, *felis-yaguarondi*) (in *Felis concolor*, *F. mellivora*; Brazil).—Cobbold, 1879b, 309.—Linst., 1878a, 31.—Stoss., 1897b, 93 (81).
- subula* (Duj., 1845) Dies., 1851a, 219 (in *Sylvia rubecula*; Rennes).—Mol., 1860c, 486 (to *Disph.*).
- suis-labiati* M. C. V. in Mol., 1861a, 511 (87) (so. *Str. attenuatus*).
- sygmoidea* Mol., 1860b, 920, 995 (12) (s. *anthuris. pars*) (in *Corvus frugilegus*; Wien).—Dies., 1861a, 676.—Drasche, 1884a, 194, 213, pl. 13 fig. 3.—Rail. & Henry, 1910, 216 (in *C. f.*).—Rans., 1904a, 29 (to *Oxyspirura*).—Stoss., 1897b, 125 (113) (to *Oxyspirura*).
- sygmoides* Linst., 1878a, 100 (for *sygmoidea*) (in *Corvus frugilegus*); 1889a, 38.—Rans., 1904a, 29 (to *Oxyspirura*).
- tadornæ* Rail., 1893a, 423 (so. *Hystrichis tricolor*) (in *Tadorna bellonii*).—[Bellingh., 1844a, 102.]—Jægers., 1909, v. 2 (3), 28 (? so. *H. t.*).
- talpa* Crep., 1846a, 136 (in *Tringa pugnax*; by Laurer).
- tantali* M. C. V. in Mol., 1860c, 497 (so. *Disph. calcaratus*).
- tantali-rubri* M. C. V. in Mol., 1860b, 969 (so. *unbellifera*).
- tapiri-americani* M. C. V. in Mol., 1860b, 968 (60) (so. *mediospiralis*).—Hall, 1916a, 214 (s. *Physoc. mediospiralis* Mol.).
- tenuicauda* Mol., 1860b, 983-984, 991, 992 (75-76) (s. *ciconiæ-maguari*, *cracis*) (in *Ciconia maguari*, *Crax tomentosa*; Brazil).—Drasche, 1884a, 207, pl. 12 fig. 17.—Linst., 1878a, 124, 146; 1889a, 53.—Rans., 1904a, 4, 24, 38, 39, 45, 46.—Stoss., 1897b, 88-89 (76-77), 149 (137).
- tenuicollis* (Rud., 1819) Duj., 1845a, 95 (in *Falco haliaëtus*; Wien).—Dies., 1851a, 237 (to *Physalopt.*).—Stoss., 1889, v. 11, 53 (18) (to *P.*).
- tenuis* (Duj., 1845) Dies., 1851a, 219-220 (in *Saxicola rubetra*; Rennes).—Mol., 1860c, 485 (to *Disph.*).
- tenuis* Schlotthauber, 1860a, 126 (in *Cuculus canorus*; by Schlotth.).
- tenuissima* (Rud., —?) Linst., 1909a, 64 (in *Lota vulg.*, *Perca fluvi.*, *Salmo salvelinus*).
- tercostata* Mol., 1860b, 947 (39) (s. *psittaci-aestivi*, *psittaci*) (in *Psittacus æstivus*, *P. maximiliani*; Brazil).—Drasche, 1884a, 200, pl. 13 fig. 21.—Linst., 1878a, 66; 1889a, 28.—Stoss., 1897b, 89-90 (77-78).
- terdentata* Mol., 1860b, 944 (36) (s. *tinami*) (in *Tinamus variegatus*; Brazil).—Drasche, 1884a, 199, pl. 11 fig. 25, pl. 13 fig. 24.—Linst., 1878a, 125; 1889a, 47.—Stoss., 1897b, 102 (90).
- thamnophili* Mol., 1860b, 980 (72) (in *Thamnophilus tigrinus*; Brazil).—Linst. 1878a, 82.—Stoss., 1897b, 121 (109).
- tigridis* (Rud., 1809) Rud., 1819a, 28 (in *Tigris*; by Halde).—Dies., 1851a, 224 (in *Felis tigris*; China).—Duj., 1845a, 89.—Linst., 1878a, 33.—Mol., 1860b, 974 (in *F. t.*; C.).—Stoss., 1897b, 121 (109).
- tinami* M. C. V. in Mol., 1860b, 938 (so. *bullosa*) (in *Tinamus*; Brazil).
- tinami* M. C. V. in Mol., 1860b, 937 (so. *crassicauda*) (in *Tinamus*; Brazil).
- tinami* M. C. V. in Mol., 1860b, 944 (so. *terdentata*) (in *Tinamus*; Brazil).

SPIROPTERA—Continued.

- tinami-macucabu* M. C. V. in Mol., 1860b, 937 (so. crassicauda).
tinami-macucabu M. C. V. in Mol., 1860b, 938 (so. bullosa).
tinami-macucabu M. C. V. in Mol., 1860b, 927 (so. posthelica).
tinami-noctivagi M. C. V. in Mol., 1860b, 938 (so. bullosa) (in *Tinamus noctivagus*; Brazil).
totani M. C. V. in Mol., 1860b, 969 (so. umbellifera) (in *Totanus*, Brazil).
triænopora Mehl. in Crep., 1846a, 135 (s. *Disph. brevicaudatus*) (in *Ardea stellaris*).
triangulum Linst., 1904f, 6, pl. 1 fig. 8 (in *Calotes ophiomachus*; Colombo).
tricolor (Duj., 1845) Dies., 1851a, 222-223 (in *Anas tadorna*, A. *boschas dom.*, A. *b. fera*; Rennes).—Bail., 1866b, 45 (of Gerv. & Ben.).—Jægers., 1909, v. 2 (3), 28 (to *Hystrichis*).—Rail., 1893a, 423 (to H.).
tridentata (Linst., 1877) Neum., 1900a, 515 (in *Columbus arcticus*, *Larus ridibundus*).—Linst., 1909a, 64, fig. 37 (in C. a., L. r.).
trogonis-cincti M. C. V. in Mol., 1860b, 936 (so. semilunaris).
trogonis-melanuri M. C. V. in Mol., 1860b, 936 (so. semilunaris).
truncata Crep., 1825a, 12-14 (in *Upupa epopis*; by Crep.); 1846a, 132.—Dies., 1851a, 219 (s. *upupæ*, *Acuaria upupæ-epopis*) (in *Coracias garrula*, U. e.); 1861a, 677.—Linst., 1878a, 73.—Mol., 1860b, 942.—Muell., 1897, 1-3, pl. 1 fig. 1.—Stoss., 1897b, 121-122 (109-110).
tuberculata Linst., 1902a, 219-220, fig. 4 (in *Dacelo gigantea*=*Paralcyon gigas*; S. E. Africa).
tulostoma Hempr. & Ehrenb. in Schneid., 1866a, 102 (to Fil.).
turdi Mol., 1860b, 979 (71), (s. *turdi-musici*) (in *Turdus musicus*; M. C. V.).—Cori. (1898c), 22-30, figs. 1-2 (larva in *Regenwurm*); 1898d, 1-8, figs. 1-2.—Cognetti de Martiis, 1909, 699.—Drasche, 1884a, 206, pl. 12 figs. 21-22.—Linst., 1878a, 90; 1884a, 133, pl. 9 figs. 15-16; 1887d, 109, pl. 2 figs. 12-13; 1889a, 35.—Magal., 1905a, 317 (in *Lumbricus terrestris*).—Seur., 1910, 147; 1913, BSHnA, 12 (to ?Viguiera); 1916, 349, 353 (s. *Asc. fissilabium*, Fil. *turdi* Linst.) (in L. t.).—Stoss., 1897b, 96-97 (84-85) (s. F. t. Linst.) (in *Crocidura leucodon*, *Sturnus vulg.*, *T. merula*, *T. pilaris*, *T. iliacus*).
turdi (Linst., 1877) Porta, 1911, ZA, 377 (in *Turdus pilaris*; Camerino).
turdi-musici M. C. V. in Mol., 1860b, 979 (so. *turdi* Mol.).
turgida (Rud., 1819) Duj., 1845a, 92 (in *Didelphis cayopollin*; Brazil).—Stoss., 1889, 43 (to *Physalopt.*).
uganda Leiper, 1911, PZSL, 554-555, fig. 144 (in monkey; Uganda).
umbellifera Mol., 1860b, 968-969 (60-61) (s. *tantali-rubri*, *totani*) (in *Ibis rubra*, *Totanus melanoleucus*; Brazil).—Drasche, 1884a, 204, pl. 12 figs. 8-9.—Linst., 1878a, 130; 1889a, 49.—Stoss., 1897b, 107 (95).
uncinata Rud., 1819a, 26, 246 (in *Anser dom.*; Berl.).—A., D., & E., 1901b, 20 (to Fil.).—Bail., 1866b, 45.—Dav., 1877a, 781.—Dies., 1851a, 216-217 (in A. *anser dom.*; B.).—Duj., 1845a, 102-103.—Eberth, 1863a, 64, 65, 67, 68, 70, pl. 8 figs. 2, 5, pl. 9 figs. 3, 6, 12.—Fiebiger, 1912a, 241.—Hut. & Mar., 1910b, 480.—Linst., 1896c, 17 (in ducks, geese) (toxicine).—Lundahl, 1848a, 285, 286.—Mol., 1860b, 933.—Neum., 1892, 376, 377.—Nev.-Lem., 1912a, 829.—Rail., 1893a, 543 (to *Disph.*).—Schneid., 1866a, 94.—Stœdter, 1901a, 61, 94 (in d., g.).—Verrill, 1870, 180.
uncinipenis Mol., 1860b, 928-929 (20-21) (s. *rheæ-americanæ*) (in *Rhea americana*; Brazil).—Leidy, 1891a, 412 (to *Cheilospirura*).—Linst., 1878a, 126; 1889a, 47; 1899b, 16, pl. 3 figs. 35, 36, 38.—Seur., 1916, CrSB, 297.—Stiles & Hass., 1894e, 348 (in R. a.).—Stoss., 1897b, 100-101 (88-89) (to Ch.).
unialata Mol., 1860b, 960-961 (52-53) (in *Rhamphastos erythrorhynchus*, R. *vitellinus*; Brazil).—Drasche, 1884a, 202, pl. 11 fig. 8, pl. 13 fig. 2.—Linst., 1878a, 69; 1889a, 28.—Stoss., 1897b, 103 (so. *unilateralis* Mol.).
unilateralis Mol., 1860b, 945-946 (37-38) (s. *graculæ-schreibersi*) (in *Cephalopterus ornatus*; Brazil).—Linst., 1878a, 79; 1889a, 32.—Stoss., 1897b, 103 (91) (s. *unialata*) (in C. V., *Rhamphastos vitellinus*, R. *erythrorhynchus*; B.).
unilateralis Drasche, 1884a, 214-215, pl. 11 figs. 7, 17, pl. 13 fig. 8 (in *Brycon falcatus*, *Dicotyles labiatus*, *Trogon collaris*; Ing.).

SPIROPTERA—Continued.

- upupa* Rud., 1819a, 28 (in *Upupa epops*; C. E. V.).—Mol., 1860b, 942 (so. *truncata* Crep.).—Poche, 1912, AN, 12.—Stoss., 1897b, 121 (109) (so. t.).
- ursi* Duj., 1845a, 88 (in *Ursus arctos*; Mus. Wien) (for *ursi-arcti*, 1819; see also *ursi*, 1790).—Dies., 1851a, 224 (in U. a.; M. C. V.).—Neum., 1894d, 473 (to *Gongylonema*).—Stoss., 1897b, 133 (121) (so. *G. contortum*).
- ursi-arcti* Rud., 1819a, 28, 253–254 (in *Ursus arctos*; Mus. Wien).
- vanelli* Rud., 1819a, 29 (in *Tringa vanellus*; C. E. V.).—Dies., 1851a, 227 (in *Vanellus cristatus*).—Duj., 1845a, 98.—Linst., 1878a, 134; 1884a, 132, pl. 9 fig. 14; 1889a, 50.—Mol., 1860b, 984.—Poche, 1912, AN, 12.—Stoss., 1897b, 108 (96).
- verrucosa* Mol., 1860b, 964–965 (56–57) (s. *cervi-nambi*, *cervi-dichotomi*) (in *Cervus nambi*, C. *dichotomus*; Brazil).—Drasche, 1884a, 203, pl. 11 figs. 18–20, pl. 13 fig. 1.—Linst., 1878a, 53; 1889a, 22.—Rail., 1898b, 173.—Rans., 1911a, 14, 103, 104, 123, figs. 126–129 (in *Blastocerus paludosus*, *Mazama nana*; B.).—Seur., 1912, CrSB, 176 (in C. d., C. *wambi*; B.); 1915, 14.—Stoss., 1897b, 53 (41) (to Fil.).—Also reported for *Cariacus paludosus*.
- verrucosa* (Giles, 1902) Giles, 1892d, 3, 7, unpagged addendum (in *Ovisaries*; India).—Cortlezzi, 1915, 153.—Neum., 1894d, 470 (8) (to *Gongylonema*).—Rail., 1898b, 173.—Rans., 1911a, 102 (to *Gongylonema*).—Ward, 1895a, 337.
- vesperuginis* (Linst., 1885) Linst., 1901b, 412 (to Fil.).
- vulturis* Mol., 1860b, 976 (68) (s. *vulturis-papæ*) (in *Cathartes papa*; Brazil).—Drasche, 1884a, 205, pl. 11 fig. 26.—Linst., 1878a, 107; 1889a, 40.—Stoss., 1897b, 51 (39) (to Fil.).
- vulturis-papæ* M. C. V. in Mol., 1860b, 976 (so. *vulturis*).
- vulturis-urubu* M. C. V. in Mol., 1860b, 941 (so. *singularis*) (in *Cathartes urubu*; Brazil).
- vulvaria* Mol., 1860b, 978–979 (s. *momoti-ruficapelli*, *orioli*) (in *Icterus lacernulatus*, *Momotus leuallanti*; Brazil).—Drasche, 1884a, 206.—Linst., 1878a, 73; 1889a, 30 (in M. l.).
- vulvoinflata* Mol., 1860b, 969–970 (61–62) (in *Trochilus ochropygus*; Brazil).—Dies., 1861a, 678.—Linst., 1878a, 78; 1889a, 31.—Stoss., 1897b, 122 (110).
- SPIROPTERIDÆ** Leiper, 1911, PZSL, 554 (contains Spiroptera).
- SPIROPTERINA** Ben., 1858a (1861a), 270 (mt. *coronata*).—Carus, 1863, v. 2, 463.—Linst., 1890d, 181; 1902a, 220 (s. *Proleptus*); 1903, 268.—Oerley, 1885a, 104.—Stiles, 1907b, 37.—Stiles & Hass., 1905b, 138.—Stoss., 1898c, 97.
- africana* Linst., 1899b, 18, pl. 4 fig. 45, pl. 5 fig. 52 (in *Anguilla* sp.; Capland).
- coronata* Ben., 1858a (1861a), 270–271 (in *Raja radians*, *Scillium canicula*; by Ben.).—Linst., 1878a, 281 (in S. C.); 1890d, 181 (in R. r., S. c.).—Oerley, 1885a, 105, 109 (in R. r., S. c.).—Shipley, 1905k, 98, 102 (in dogfish; Mus. Dundee).
- dacnodes* (Crep., 1851) Dies., 1861a, 680–681 (in *Mustelus vulg.*, *Raja clavata*; Europe).—Linst., 1878a, 279 (in M. v.); 1890d, 181 (*Spiroptina*) (in M. v., R. c.).—Oerley, 1885a, 105, 109 (in M. v., R. c.).—Stoss., 1898c, 97 (in *Dasybatis clavata*; Trieste); 1902d (e), 68 (8) (in *Læviraja oxyrrhynchus*).
- elegans* Oerley, 1885a, 102, 105, 109–110, pl. 9 figs. 7–9 (in *Hexanchus griseus*; by Oerley); 1885b, 218.
- inflata* Linst., 1890d, 180–181, figs. 5–8 (in *Scyllium immoratum*); 1901c, 194 (in S. i.).
- rajæ* (Dies., 1851) Par., 1894a, 244 (in *Raja clavata*; Trieste).
- rajæ-clavata* Linst., 1890d, 181 (in stomach wall of *Raja clavata*, in intest., *R. batis*; quotes Duj., 1845a, 105, and Wedl, 1855, 388, pl. 3 fig. 28); 1903u (1904a), 268 (4) (in *R. radiata*; Murman Coast).
- rajarum* Dies., 1861a, 681 (s. *rajæ*, *rajæ-clavata*) (in stom., *Raja clavata*; by Wedl).—Linst., 1878a, 285 (=Spiroptera *rajæ*) (in *R. batis*); 1903u (1904a), 268 (4) (in *R. radiata*; Murman Coast).—Oerley, 1885a, 105.
- robusta* (Ben., 1871) Linst., 1903u (1904a), 268 (4) (in *Raja radiata*; Murman Coast).
- scillicola* (Ben., 1871) Linst., 1901c, 191–194, pl. 9 figs. 27–30 (in *Scyllium canicula*).—Shipley & Hornell, 1906a, 88 (in *Etobatis narinari*; Ceylon).
- species* Linst., 1903u (1904a), 268 (4) (in *Raja radiata*; Murman Coast).

Spiropterose canine (name of infection).—Roger, 1906q, 378–379; 1907d, 241–251; 1907e, 279–283; 1907f, 121–123; 1907g, 669–671.

SPIROPTERU Rud., 1819a, 237 (misprint for *Spiroptera*).—Stiles & Hass., 1905b, 138.

SPIROPTERUS Westwood, 1851, 645 (for *Spiroptera*).

SPIROPTINA Linst., 1890d, 181 (misprint for *Spiroptolina*).

SPIROXIS Schneid., 1866a, 29 (changed to *Spiroxys* Schneid., 1866a, 125).—Stiles & Hass., 1905b, 138.

SPIROXYS Schneid., 1866a, 125–126 (mt. *contorta*).—Linst., 1909a, 48, 58.—Rail. & Henry, 1916, CrSB, 114, 115; 1916, CrSB, 250.—Stiles & Hass., 1905b, 138.

contorta (Rud., 1819) Schneid., 1866a, 125–126, 202, pl. 17 fig. 2 (in *Emys europæa*).—Linst., 1909a, 58, figs. 22a, b (in *E. lutaria*).—Rail. & Henry, 1916, 114 (*contortus*).—Sons., 1889g, 283–285, 1 fig. (in *Cistudo europæa*; by Sons.).—Stoss., 1897b, 129 (117) (in *E. e.*; Italy).

SPIRURA E. Bl., 1849a, 161–165 (tsd. *talpæ*).—Hall, 1916a, 190, 199, 200 (type *talpæ*).—Rail., 1893a, 533 (= *Spiropt.*).—Rail. & Henry, 1912, 562.—Seur., 1914, CrAS, 1016, 1018; 1915, 7–8 (type *talpæ*).—Stiles & Hass., 1905b, 138 (type probably *talpæ*).

gastrophila (Müll., 1894) Seur., 1913, CrSB, 286–289, figs. 1–3 (in *Erinaceus algirus* in Algeria; *Vulpes vulpes atlantica* in Bou Saâda; larva in *Ontophagus*, *Periplaneta orientalis*, *Blaps*, *Chamæleo vulg.*, *Agama bibronii*); 1913, BSHnA, 126–127 (1–2) (in chat, renard, hérisson, *Periplaneta orientalis*, *Blaps*, *Chamæleo*, *agame*, *Macrosclides rozeti*); 1914, CrSB, 346; 1914, 630, figs. 1–2 (in renard d'Algérie; chat, Europe; hérisson, Algérie; *Macrosclide*, S. Tunis); 1915, 8, 10, figs. 6–7 (in chat, *E. a.*, renard d'Algérie); 1915, CrSB, 561, 565 (in *Stylopyga orientalis*); 1915, CrSB, 158; 1916, Bs, 301, 302, 309, 310–314, 350, 361, figs. 7–8, 10 (in *A. b.*, *Blaps* sp., *B. strauchii*, *Chamæleo vulg.*, chat, *Erinaceus algirus*, *Ontophagus*, renard d'Algérie); 1917, CrSB, 46 (20); 1917, BSHnA, 21–22 (in *V. v. a.*).—Marotel, 1912, 827–828.—Rail., 1915, RMv, 493; 1915, 753 (in cat); 1916, RMv, 520.—Rail. & Henry, 1912, RMv, 828.

megastoma (Rud., 1819) E. Bl., 1849a, 164–165 (in horse).—Bail., 1866b, 42 (to *Spiropt.*).—Rail., 1893a, 533 (to *Spiropt.*).—Schneid., 1866a (to Fil.).—Ward, 1895a, 340 (in *Equus cab.*).

musca (Carter, 1861) Marotel, 1913, RvT, 685 (in *Equus cab.*, *Musca dom.*) (quotes Seur. and Rans. but not Carter).

rothschildi Seur., 1915, NZ, 8–10, figs. 8–9 (in *Elephantulus deserti*; Biskra).

rytipleurites (Deslgch., 1824) Rail., 1916, RMv, 520.

sanguinolenta (Rud., 1819) Seur., 1912, CrSB, 82–84 (in *Ateuchus sacer*; Algeria).

talpæ (Gmel., 1790) E. BL., 1849a, 162–164, pl. 7 fig 2 (s. *Asc. strumosa*, *Fus. convoluta*, *Spiropt. strumosa*) (in taupes).—Chatin, 1885a, 38.—Hall, 1916a, 199–203, figs., 257–263 (in *Epimys* sp.; Brazil, Europe).—Mol., 1859, 933 (= *Spiropt. st.*); 1860b, 934 (so. *Spiropt. st.*).—Seur., 1911, CrSB, v. 71 (35), 606–608 (s. *Spiropt. st.*, Fil. *rytipleurites*) (in *Erinaceus algirus*; Algiers); 1912, RMv, 827–828; 1912, 280, figs. 1–2; 1912, 780, figs. 3–4; 1913, BSHnA, 126–127 (1–2) (in chat, renard, hérisson, *Periplaneta orientalis*, *Blaps*, *chameleon*, *agame*); 1914, CrSB, 346; 1915, 8, 10 (genotype); 1916, RMv, 520; 916, Bs, 314, 352, 361 (s. *Spiropt. st.*) (in *Cétoine dorée*, Taupe).

uncinipenis (Mol., 1860) Rail. & Henry, 1911, 578–579, fig. 4.

zschokkei Rail. & Henry, 1911, 579–580 (*Spiropt. alata* Zschokke not Rud., renamed) (in *Rhea americana*; Bâle Zoo.).

SPIRURA Dies., 1861a, 681–682 (*Spironoura* Leidy, 1856, renamed, hence takes same species *gracilis* as type).—Rail. & Henry, 1911, 578.—Seur., 1916, Bs, 312, 339.—Stiles & Hass., 1905b, 138.

affinis (Leidy, 1856) Dies., 1861a, 682 (cecum, *Cistudo carolina*).—Linst., 1878a, 177 (in *C. c.*).

gracilis (Leidy, 1856) Dies., 1861a, 681–682 (in stom., *Emys serrata*, *Siredon mexicanus*).—Linst., 1878a, 177 (in *E. s.*).

stellionis Chatin, 1876a, 802–803 (in tongue, *Stellio vulg.*; apparently Paris) (not clear whether this is *Spirura* E. Bl. or *Spirura* Dies.).—Rail. & Henry, 1916, CrSB, 250.

- SPIRURATA** Rail. & Henry, 1915, BS*Pe*, 274 (subo. cf. *Spiruroidea*).—Hall, 1916a, 190 (so. *Spiruridae* Oerley, 1885); 1916b, 519.—Rail, 1915, 749; 1915, RM*v*, 477.—Skrj., 1916, 463, 500, 529.
- SPIRURIDÆ** Oerley, 1885a, 102.—Hall, 1916a, 190, 191, 199, 218, 220, 221, 222, 223.—Henry & Sis., 1913, v. 43, 1004-1018, figs. 1-5; 1914, RM*v*, 436-437.—Leiper, 1908, (3), 191.—Nev.-Lem., 1912a, 651.—Rail., 1915, 735, 749; 1915, RM*v*, 512.—Rail. & Henry, 1911, 578.—Seur., 1914, Cr*AS*, 1016-1019; 1914, Dec., 11, 524; 1916, 298, 308, 340; 1916, 143.—Skrj., 1916, 500.—Ward, 1916, 692.
- SPIRURIDÆA** Dies, 1861a, 675 (f. contains *Spiropt.*, *Eucamptus*, *Proleptus*, *Histioc.*, *Disph.*, *Spiropterina*, *Spirura*, *Histrichis*, *Echinocephalus*, *Cheilospirura*, *Physoc.*).—Carus, 1863, v. 2, 462 (f. contains *Spiropt.*, *Spiropterina*).—Oerley, 1885a, 104.—Stiles, 1907b, 37.
- SPIRURINÆ** Rail., 1915, RM*v*, 493 (contains *Spirura*, *Habronema*, *Spirocerca*, *Gongylonema*).—Hall, 1916a, 190, 199, 203, 212 (contains *Spirura*, *Physalopt.*, *Protospirura*); 1916b, 520.
- SPIRUROIDEA** Rail. & Henry, 1915, BS*Pe*, 274 (cf. *Spirurata*; superf. contains *Spinitectus*, etc.).—Hall, 1916a, 190 (so. *Spiruridea*); 1916b, 518, 519.—Rail., 1915, RM*v*, 477.
- SPLACRULARIA** Leuck., 1884a, 320 (misprint for *Sphærolaria*).
- SPORONCHULUS** Cobb, 1917n, 454 (subg. of *Mononchus*) (tod. *dentatus*).
- decurrens* Cobb, 1917n, 454, 464, 486, fig. 69 to M. (S.) (Plant Introduction Gardens, Miami, Fla.).
- dentatus* Cobb, 1917n, 438, 454, 464, figs. 35 to M. (S.) (roots of orange trees; Bahia, Brazil).
- recessus* Cobb, 1917n, 454, 464, 486 to M. (S.) (soil of a tomato field; Naranjo, Fla.).
- Spulwürmer** (German vernacular name for *Ascaris*).—Fröhner, 1915a, 235 (in Katze), 238 (in Pferd), 240 (in Geflügel, Hund, Rind, Schwein).—Hamann, 1913, Mt*W*, v. 57 (25), 484.—Hut. & Mar., 1910b, 493, 500.—Schulte, 1915, Cf*P*, v. 30 (12), 505-508 (metabolism).—Schulte & Krunnacher, 1916, Dm*W*, 203.
- SRUNGYLUS** Bosc, 1802a, 21 (misprint for *Str.*).
- equinus* (Müell., 1780 or 1784) Bosc, 1802a, 21, pl. 11 figs. 8-9 (s. *Asc. variegata*) (in horse and all other dom. quadrupeds).
- STELMIUS** Duj., 1845a, 281-282 (m. *præcinctus*).—Mol., 1857a, 151; 1858d, 153; 1861c, 309.—Stiles & Hass., 1905b, 139.
- præcinctus* Duj., 1845a, 282 (in *Muræna conger*; Rennes).—Carus, 1884, 173.—Dies., 1851a, 246; 1860, 651; 1861, 275.—Diasche, 1883, 123.—Mol., 1858, 153-154; 1861a, 305, 309, 310-311, pl. 13 figs. 1-4 (in *Conger conger*; Padua).—Stoss., 1898c, 77 (to *Dacnitis*).
- STENODES** Duj., 1845a, 244, 264-265 (mt. *acus*) [not *Stenodes* Guen., 1845, lepidopt.].—Carus, 1863, v. 2, 462.—Mol., 1857a, 151.—Schneid., 1866a, 110.—Stiles & Hass., 1905b, 139.
- acus* Duj., 1845a, 264-265 (intest. an exotic mammal; Mus. Paris).
- STENOLAIMUS** Mar., 1870a, 16 (tod. *lepturus*) [not *Stenolemus* Sign., 1858, hemipt.].—Villot, 1875a, 456, 462.—Stiles & Hass., 1905b, 139.
- lepturus* Mar., 1870a, 16-17, pl. c fig. 1 (Pharo).
- macrosoma* Mar., 1870a, 17-18, pl. c fig. 2 (Pharo, Endoume, Joliette).
- marioni* Southern, 1914a, 23-24, pl. 4 figs. 12 a-e (Clew Bay).
- serialis* Baylis, 1916, AMNH, 289-293, figs. 1-2 (under stones; Falkland Isl.).
- STENURUS** Duj., 1845a, 244, 265-267 (mt. *inflexus*) [not *Stenura* Dejean, 1834, coleopt.: *Stenuris* Kirby, 1837, coleopt.].—Dies., 1851a, 322 (so. *Prosthecosacter*); 1861a, 718 (subg. of *P.*).—Rail. & Henry, 1912, 566.—Schneid., 1866a, 110, 172.—Stiles & Hass., 1905b, 139.
- inflexus* (Rud., 1809) Duj., 1845a, 266-267 (s. *Str. minor*) (in *Delphinus phocæna*; Mus. Paris).—Baird, 1853a, 31 (s. *Str. m.*) (in *Phocæna communis*).—Dav., 1877a, 314 (in Marsouin).—Dies., 1851a, 324 (renamed *Prosthecosacter minor*).—Schneid., 1866a, 174 (so. *Pseudalius minor*).—Stoss., 1898c, 85 (s. *Ps. m.*).
- STEONGYLUS** Giles, 1892d, 48 (misprint for *Str.*).—Stiles & Hass., 1905b, 139.
- STEPHANOSTOMA** Lenz, 1794, v. 10, 256 [nv.] [not *Stephanostoma* Danielssen, 1880, worm; not *Stephanostomum* Looss, 1899, worm].—Jærdens, 1802a, 30 (tat. *Asc. stephanost.*) (as nematode, is larva of a *Muscidae*).

- STEPHANURIDA Mol., 1861a (1861b), 436, 578 (12, 154) (f. of Acrofalli, contains Diaphanoc., Stephanurus).
- STEPHANURUS Dies., 1839a, 232-233 (mt. dentatus); 1851, 296-297.—Bail., 1866b, 57.—Boynton, 1914, v. 93, 269-289, pls. 1-3 (of swine).—Carus, 1863, v. 2, 464.—Cobbald, 1871, v. 4, 508-509.—Crep., 1841a, 82.—Duj., 1845, 289.—Fayrer, 1879b, 221.—Gedölst, 1911a, 129.—Goldb., 1855a, 112.—Leuck., 1879a, 60; 1886d, 46.—Looss, 1904, v. 20 (6), 561; 1905, 19.—Mol., 1861a (b), 436, 477, 586-587 (12, 53, 162-163); Nev.-Lem., 1912a, 650.—Nordm., 1840a, 650-651.—Olss., 1869b, 488.—Rail. & Henry, 1909b, 171 (type d.); 1912, 565.—Sl. & Sw., 1912, 386.—Stiles & Hass., 1905b, 139.—Stoss., 1899d, 56, 101.
- dentatus* Dies., 1839a, 232-233, pl. 15 figs. 9-19, pl. 20 figs. 1-11 (in *Sus scrofa* dom.; Brazil); 1851a, 296 (in S. s. d.; B.); 1861c, 281-282 (in S. s.; Boston).—Ann. de méd. vét., Brux., 1874, v. 23 (10), 594-595; 1875, 397.—Bail., 1866b, 57.—Barber, 1916, 33 (in pigs; Guam).—Bernard & Bauche, 1913, CrAS, v. 157, 74-76; 1914, Adl'P, v. 28, 450-469, pl. 14 figs. 1-6.—Bossuat, 1902, v. 6 (2), 197.—Boynton, 1913, PAR, v. 6, 395-398; 1914, PJS, v. 9 (3), 269-289, pls. 1-3.—Campb. & Lacr., 1907, 77.—Cary, 1915, 17-18; 1915, 43-44.—Cobbald, 1871h, 357; 1871s, 902-903; 1873c, 119, 120; 1879b, 407, 409, 410, 412.—Crep., 1841a, 82.—Dinwiddie, 1892, 344; 1892, 4.—Duj., 1845a, 289.—Fiebiger, 1912a, 287.—Fletcher, 1871a, 435-437; 1871b, 103-104; 1871c, 680-681.—Gedölst, 1911a, 129, fig. 174 (in hog).—Helmans, 1911, v. 57, 212-239, figs. 1-8.—Hut. & Mar., 1906a, 491, 540; 1910b, 609; 1913a, 1049; 1913b, 611.—Jefferson, 1893a, 12.—Leuck., 1879a, 180; 1886d, 141.—Looss, 1894, v. 20 (6), 561; 1905, 19.—Mol., 1861, 163.—Natterer, 1876a, 14.—Nev.-Lem., 1912a, 754.—Newcomb, 1913, PAR, v. 6, 399-400.—Nord., 1840a, 650-651 (in *Sus scrofa*).—Parkes, 1891a, 267, 269.—[Porter, 1823a, 151 (in hog; Frenchtown, N. J.).]—Rail., 1893a, 452 (nattereri, Sclerost. pinguicola); 1915, 747, 748 (in pig); 1915, RMv, 510, 511.—Rail. & Henry, 1909b, 171; 1911, BSPE, 695 (in porc; Annam).—Repert. Thierh., 1875, 397.—Saunders, 1914, 132, 137.—Seiler, 1902, 32.—Sl. & Sw., 1912a, 386, 403.—Stiles & Hass., 1894e, 345 (in *Sus scrofa* dom.).—Stoss., 1899d, 101-102 (47-48) (in S. s.; America, Australia).—Vauil., 1901a, 123.—Ward, 1895a, 308 (so. Sclerost. pinguicola).—White, 1859b, 428.—Wolffh., 1910, 17; 1911, 76-77.—Züern, 1882a, 278 (s. Scl. p.).
- nattereri* Cobbald, 1879b, 412 (*dentatus* renamed).—Rail., 1893a, 452 (so. d.).—Ward, 1895a, 308 (so. Scl. p.).
- STERCORALIS Tanaka, 1910, MmW, v. 57, 2587 (apparently not as new genus, but lapsus for Strongyloides stercoralis).
- intestinalis* (Bavay, 1877) Tanaka, 1910, v. 57, 2587 (for Strongyloides stercoralis?) (in Homo; in Formosa).
- STOMACHIDA Pereboom, 1780a, 1-24 (mt. vermis=Asc. lumbricoides).—Rans., 1911a, 24 (so. Asc.).—Richard, 1829a, 664.—Stiles & Hass., 1905b, 139.
- "*pereboomii* 1780" of Goeze, 1782a, 39 (=Asc. lumbricoides).—Werner, 1782b, 87 (*pereboomii*).
- vermis* Pereboom, 1780a, 20, 1-51, figs. 1-6 (in Homo) [see Asc. lumbricoides].
- STREPTOCARA R., H., & S., 1912, CrSB, v. 73, 622-624 (Spiropt. pectinifera).—Skrj., 1916, 514.
- cirrohamata* (Linst., 1888) Skrj., 1916, 517 (in Phalacrocorax verrucosus).
- crassicauda* (Crep., 1829) Skrj., 1916, 514-518, figs. 28-30 (in Anas boschas, Mergus merganser; Russian Turkestan).
- crassicauda charadrii* Skrj., 1915, 698; 1916, 518-519, 553, figs. 31-32 (in Vanellus cristatus).
- decorus* (Duj., 1845) Skrj., 1916, 516 (in Alcedo ispida).
- pectinifera* (Neum., 1900) Skrj., 1916, 516 (in Gallus gallus dom.).
- recta* (Linst., 1879) Skrj., 1916, 517 (in Podiceps cristatus).
- species* Baylis, 1919, AMNH, 514 (? so. pectinifera) (in Uria grylle; Yukanski).
- stellæ-polaris* (Par., 1901) Skrj., 1916, 517 (in Fulmarus glacialis).
- tridentata* (Linst., 1877) Skrj., 1916, 517 (in Colymbus arcticus, Larus ridibundus; Europe).
- trioenucha* Skrj., 1916, 517 (in Botaurus minor) (for triænucha Wright, 1879).
- STREPTOGASTER Cobb, 1898a (b), 320 (25) (mt. papillatus).—Stiles & Hass., 1905b, 139.
- papillatus* Cobb, 1898a (b), 320 (25), fig. 46, i-iv.

- STREPTOPHARAGUS** Blanc, 1912, CrSB, v. 72, 456-457 (mt. armatus) (near Spiroptera).
armatus Blanc, 1912, v. 72, 456-457 (in *Macacus cynomolgus*).
numidicus Seur., 1917, BSHnA, 23 (in *Vulpes zerda*; S. Tunis).
- STREPTOSTOMA** Leidy, 1849a, 230 (mt. agile; subg. of *Aorurus*) [not *Streptot.* Guer., 1862, coleopt.]; 1850e, 100-101; 1852, 284; 1856b, 50 (*Streptostomum*); 1904a, 20-21, 36-37, 66, 94.—Galeb, 1878b, 289, 290 (*Oxyuris diesingi* type).—Magal., 1900, 65.—Rail. & Henry, 1916, 115 (type agile).—Stiles & Hass., 1905b, 139.
agile Leidy, 1849a, 230-231 (intest., *Julus marginatus*; by Leidy); 1851d, 284; 1853b, 45-46, pl. 6 fig. 5, pl. 7 figs. 2, 12 (in J. m.); 1856b, 50, 94; 1904a, 20, 21, 66, 94.—Conte & Bonnet, 1904, 67.—Dies., 1851a, 558 (*Streptostomum* and *Streptostoma* (*Aorurus*)).—Magal., 1900a, 65.—Rail. & Henry, 1916, CrSB, 115.
gracile Leidy, 1850e, 100-101 (*Oxyuris diesingi* renamed) (intest., *Blatta orientalis*; by Leidy); 1851d, 284 (s. O. d., *O. blattæ-orientalis*); 1853b, 46, pl. 7 figs. 6-7 (in B. o.); 1856b, 50 (s. *Anguillula macrura* pars); 1904a, 36-37, 66, 94.—Galeb, 1878b, 289.
- STREPTOSTOMUM** Leidy, 1853b, 45-46 (for *Streptost.*); 1856b, 50; 1904a, 94.—Stiles & Hass., 1905b, 139.—See *Streptostoma*.
- STRONGGLUS** Leblond, 1835b, 82 (misp. for Str.).
- STRONGILIDAS** Almeida Couto, 1872, thesis, Bahia, 7 (f., quotes Leuck.).
- STRONGILIDE** (see *Strongylidæ*).—Santicchi, 1907a, 621-641, 9 figs.
- STRONGILLUS** Onelli, 1905, Rev. Jard. zool., 145 (*equinus*) (for *Strongylus*).
- STRONGILOIDES** Grassi, 1879e, 233 (type *Anguillula intestinalis*=*stercoralis*) (see *Strongyloides*).—Rans., 1911a, 104 (for *Strongyloides*).—Stiles & Hass., 1905b, 139.
- Strongilosi** pulmonare.—Santicchi, 1907a, 621.
- STRONGILUS** Rud., 1801a, 54 (misp. for *Strongylus*).—Stiles & Hass., 1905b, 139.
papillosus (Perronc. —) Golgi & Monti, 1885a, 56.
- STRONGOLUS** Remlinger & Hodara-Bey, 1903, 217 (misp. for *Strongylus*).
gigas (Rud., 1802d) Remlinger & Hodara-Bey, 1903a, 217.
- STRONGULUS** Watrin, 1838a, 94 (for *Strongylus*).—George, 1888a, 250-251.—Nordm., 1840a, 547.—Spooner, 1869a, 404.
- STRONGYLACANTHA** Ben., 1873b, 13-16 (mt. *glycyrrhiza*); 1873c, 312-313.—Linst., 1906, v. 43, 92.—Rail. & Henry, 1909b, 171; 1912, 565.—Stiles & Hass., 1905b, 139.
glycyrrhiza Ben., 1873b, 13-16, pl. 1 figs. 1-7 (in *Rhinolophus ferrum-equinum*; Belgium); 1873c, 312-316 (in R. f.-e.).—Cobbold, 1879b, 294 (*glycyrrhiza*).—Linst., 1878a, 11 (*glycyrrhiza*).—Rail. & Henry, 1909b, 171 (4).—Stoss., 1899d, 127 (73) (*glycyrrhiza*) (to Unc.).
- STRONGYLATA** Rail. & Henry, 1913 [nv.].—Skjr., 1916, 463.—Lane, 1917, IJMR, 422, 757.
- STRONGYLATUS** Rail., 1900d, 87 (probably lapsus for Str.).—Stiles & Hass., 1905b, 139.
radiatus (Rud. of Schneid., 1866) Rail., 1900d, 87 (of calves).
- Strongyle** (vernacular name for *Strongylus*).—Buxton, 1914, VJ, 89-94 (in goat).—Stiles, 1903k, 12.—Woodward, 1905a, 329.
- STRONGYLEÆ** Rail. & Henry, 1912, v. 14, 564 (tribe of *Strongylinae*, contains Str., *Ankylost.*, Unc., *Characost.*).—Hall, 1916a, 107-108, 109, 111, 119; 1916b, 518.—Lane, 1917, IJMR, 426, 427, 432, 433.—R., H., & J., 1913, 264.
- STRONGYLIDA** Mol., 1861a (b), 435, 437 (11, 13) (f., contains *Crenosoma*, *Oesophagost.*, *Cyathost.*, *Eucyathost.*, *Monodontus*, *Diploodon*, *Doch.*, Str., *Histiost.*, *Globoc.*, *Kalic.*, *Sclerost.*, *Syngamus*, *Deletroc.*).
- STRONGYLIDÆ** Baird, 1853a, 12 (f. contains Str.).—A., K., & G., 1904, 28.—R. Bl., 1895, 745.—Bos. 1894, 212.—Blgr., 1914, v. 7 (3), 242.—Braun, 1883a, 160, 169; 1895b, 213, 236; 1906a, 274, 322, 324.—Campb. & Lacr., 1907, 71.—Carus, 1863, v. 2, 456.—Cast. & Chalm., 1910a, 429; 1913a, 548.—Claus, 1885a, 292 (f. of *Nematodes*).—Cobbold, 1873c, 64; 1879b, 5.—Conradi, 1914, v. 39, 365.—Daniels, 1910a, 128; 1914a, 74, 140.—F., S., & T., 1916a, 375, 432.—Fiebiger, 1912a, 256.—Hall, 1916a, 106, 107 (of Cobbold, 1864); 1916, b, 518.—Ihle,

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1917, TvD, v. 44, 164–173.—Khitrow, 1900a, 6.—Kholodk., 1899a, 174, 178.—Krabbe, 1866f, 361.—Lane, 1917, IJMR, 420, 422 (of Cobbold, 1864), 423, 424.—Leiper. 1908. RWRL (3), 190 (contains: Anchylostominae, Strongylinæ and unnamed new subf. for Kalic.).—Leuck., 1886d, 47, 90, 99, 102.—Linst., 1912, v. 1, 25–35.—Looss, 1901, 28, 56; 1905, 29; 1905, 48.—Mazzarelli, 1903a, 297–302, fig. 1.—Mordw., 1908, 152, 172, 174.—Nassonov, 1898k, 229–231.—Nev.-Lem., 1904a, 97; 1906a, 269; 1908a, 416; 1912a, 643; 1914, v. 39 (7), 293.—Olt. 1910, v. 36, 354–417, pls. 9–11 figs. 1–5; 1911, v. 55 (41), 683–685.—Rail., 1898b, 173; 1899e, 174; 1905 (3), 270; 1909a, 85–88; 1909b, 168–171; 1915, 734, 747, 748; 1915, 492.—Rail. & Henry, 1905, 644; 1909a, 85–88; 1909, (2), 187; 1909, v. 4 (3), 461–462; 1909, JRMS (4), 463; 1909, v. 66, 168–171; 1909, v. 66, (n. s.) v. 34 (4), 226–227; 1911, 574; 1912, v. 14, 562, 564 (contains Strongylinæ, Trichostrongylinæ, Metastrongylinæ, Pseudaliinæ).—Rans., 1911a, 14, 18, 19, 20, 21, 22, 23, 24, 26, 47 (f., contains: Strongylinæ, Metastrongylinæ).—Rawitz, 1897a, 1271.—Roger, 1901a, 94.—Rollest., 1888a, 680, 686.—Schneidem., 1896a, 305, 314 (f., contains: Str., Eustr., Syngamus, Sklerost., Ankylost., Doch., etc.).—Shipley, 1896a (1901b), 131, 142.—Skrj., 1916, 463; 1916, 38.—Sl. & Sw., 1912, 311, 321, 374.—Smith, 1903, 17; 1904, 70.—Sticker, 1901c, 333–336, figs. 1–9, 346–347; 1902a, 21; 1903b, 356–357.—Stiles, 1902, 185–193, 194; 1903, 3, 12, 13, 14, 24; 1907b, 38.—Stiles & Hass., 1899a, 100, 164 (contains: Str., Sclerost., Unc.).—Stitt, 1910a, 241; 1916a, 324.—Stoss., 1898c, 84; 1899d, 55–152 (1–98) (monograph).—Trav., 1914, 3, 4.—Uchida, 1909, v. 21, 255–265, 321–335, pls. 1–2.—Verdun, 1907a, 321 (f., contains: Eustr., Str., Ankylost., Physalopt.).—Ward, 1916, 696.

STRONGYLIDÆ Dies., 1851a, 81, 296 (f., of Acrophalli, contains: Stephanurus, Diaphanoc., Delectroc., Doch., Sclerost., Str., Ancylost., Prosthecosacter, Eustr.); 1861a, 621–622, 714–724 (contains Deletrocephaloidea, Sclerostomidea, Eustrongylidea).—Carus, 1863, v. 2, 463 (f., contains: Deletrocephaloidea, Sclerostomidea, Eustrongylidea).—Goldb., 1855a, 112.—Hall, 1916a, 106 (of Carus, 1863, so. Strongyloidea).—Schneid., 1866a, 126.

Strongyliden (German vernacular name for Strongylidæ and for plural of Strongylus).

STRONGYLIDÆ (pl. vernacular of Strongylus, also as supergeneric name).—Leuck., 1868a, 351–352 (fam.).—Anacker, 1890i, 458.—Assénova, 1899, 104.—R. Bl., 1888a, 727 (f., contains: Eustr., Str., Ankylost., Sclerost., Syngamus, Physalopt., Cucullanus).—Edelm., 1916, 230 (of lungs), 256 (of intest.).—Züern, 1882a, 253.

Strongylidose (name of infection).—Leneveu, 1916, JCPT, v. 29, 343–348 (equine).

STRONGYLINÆ Stoss., 1898c, 85 (contains: Crenosoma, Pseudalius, Str.) [not Erichson, 1843, coleopt.]; 1899d, 55, 63—A., K., & G., 1904, 28.—Blgr., 1914, v. 7 (3), 242 (subf.).—Cast. & Chalm., 1910a, 430.—Hall, 1916a, 107, 112, 114, 115, 119, 122 (of Rail., 1893); 1916b, 518.—Lane, 1917, IJMR, 422, 423, 426.—Leiper. 1908 (3), 190 (contains: Cylichnost., Eucyathost., Gyaloc., Oesophagost., Str., Triodontophorus).—Looss, 1905, 29.—Nev.-Lem., 1908a, 417; 1912a, 646.—Rail., 1893a, 418, 424; 1899d, 129, 130; 1915, 734.—Rail. & Henry, 1909a, 85, 86; 1910, v. 3 (5), 311 (s. Ankylostominae, Sclerostominae); 1911, 574; 1912, v. 14, 562, 563, 564 (contains: Oesophagostomeæ, Strongyleæ, Bunostomeæ, Cylicostomeæ, Deletrocephaleæ, Syngameæ, also Stephanurus, Amidostomum, Strongylacantha).—Rans., 1911a, 14, 26, 27, 35, 38, 40, 124 (subf., of Strongylidæ, contains: Agriost., Chabertia, Eustr., Eucyathost., Gaigeria, Monodontus, Oesophagost., Str.).—Smith, A. J., 1903, 17; 1904, 70.—Stiles, 1902, 185, 186, 193; 1903, 3, 14, 15.—Trav., 1914, 3, 4.

STRONGYLOIDÆ Wagner, 1883, 123–127 [nv.].

STRONGYLOIDÆ Weiml., 1858a, 88 (f., contains: Ancylost., Str.); 1859, 282.—Græffe, 1860a, 51 (of Hoev.).—Hall, 1916a, 6, 106–107, 112, 123, 162, 223 (type fam. Strongylidæ Cobbold, 1864); 1916b, 518.—Lane, 1917, IJMR, 422 (new superf., contains Strongylidæ, Ancylostomidæ).—Trav., 1914, 3, 4.

Strongyloiden (German for Strongyloides).—Gonder, 1907, v. 25 (2); 1908, v. 41 (19–21), 665–666 (in Affen and sheep).

STRONGYLOIDES Simon, 1897a, 209, 226 (family name for Strongylidæ).

STRONGYLOIDES Grassi, 1879f, 497 (mt. intestinalis=stercoralis).—Askanazy, 1900a, 570, 571.—Assénova, 1899, 120.—Bierler, 1881, v. 17, 47.—R. Bl., 1895, 747–748.—Braun, 1895b, 215 (cf. Rhabdonema); 1906a, 20, 21, 277; 1915a, 298.—Brown, 1903, v. 17, 107.—Brumpt, 1910a, 333; 1913a, 491.—Cast. & Chalm., 1910a, 404 (s. Rh.); 1913a, 519.—Daniels, 1910a, 169, 170.—

STRONGYLOIDES—Continued.

- Daniels & Stanton, 1907a, 350.—Darling, 1911, v. 14, 1-24, pls. 1-3; 1911, 214-234.—F., S., & T., 1916a, 383.—Fülleborn, 1912, v. 38, 1667; 1913, v. 1(2), 732-734.—Fülleborn & Schilling-Torgau, 1911, v. 15, 569-571.—Geddes, 1911a, 104.—Gonder, 1907, v. 25, 485-493, figs. 1-8.—Hall, 1916a, 6-7; 1916b, 517.—Huber, 1898a, 1-22.—Linst., 1905n, 532-534, pl. 1.—Looss, 1904a, 3; 1904g, 750; 1905b, 49, 74; 1905e, 225-233; 1905, 118.—Lurz, 1913, v. 17, 55-62.—Moniez, 1896a, 299.—Moore, 1903, v. 5, 876.—Nev.-Lem., 1904a, 97; 1906a, 315; 1908a, 419; 1912a, 654.—Patterson, 1908, 190, 191.—Plasencia, 1903, v. 4, 177-192.—Pratt, 1916a, 218.—Rail, 1893a, 556 (s. *Pseudorhabditis*, *Rhabdonema* pars); 1899l, 1273; 1900e, 106. Rans., 1904d, 63; 1911a, 117, 18, 19, 23, 104-105, 108, 109, 110 (type intestinalis) (s. *Pseudorhabditis*).—Roger, 1904, 651.—Rovelli, 1888a, 1-12; 1888b, 660-661.—Simon, 1896a, 194; 1897a, 226; 1907a, 308; 1911a, 236.—Sl. & Sw., 1912a, 367-370, 401.—Stiles, 1902, 213; 1903, 110, 111; 1914, MM, v. 2, 271, 278.—Stiles & Garrison, 1906, 5, 11, 12.—Stiles & Hass., 1902i, 316; 1905b, 140.—Verdun, 1907a, 321, 379.—Vryburg, 1907k, 321-332, pls. 1-5.—Ward, 1903, 208; 1916, 678.
- boris* Vryburg, 1907k, 321-327, pl. 1 figs. 1-6, pl. 2 figs. 1-6 (in intest., Rinder [Bos]; Deli-Sumatra).—Rans., 1911a, 74, 77 (so. *Cooperia punctata*).
- cebus* Darling, 1911, JEM, v. 14, 1, 18-20, pl. 2 figs. 5-6, pl. 3 figs. 7-8 (in *Cebus hypoleucus*; Panama).
- fülleborni* Linst., 1905n, 532-534, pl. 1 figs. 1-6 (in *Anthropopithecus troglodytes*, *Cynoc. babuin*; Africa); 1905, 702.—Braun, 1908a, 291; 1915a, 302.—F., S., & T., 1916a, 384.—Neum. & Mayer, 1914a, 363.
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Strongylose (see also *Strongylosis*).—Moussu, 1910, 50-57, fig. 1, 89-93, fig. 1, 141-146 (*chèvre, mouton*).—Wester, 1914, 621-628; 1915, DtW, 123-124 (Ziegen).

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(ALGERIA) Oulieu, 1898, RmpAn, v. 1, 591.

(AUSTRIA) Csokor, 1895a, 233-234.

(CAPE COLONY) Hutcheon, 1903a, 153-157 (in pigs).

(DENMARK) Bang, 1913, MfD, v. 25 (1), 4-24.—Christiansen, 1916, MfD, v. 28 (6), 147-159, fig. 1.

(DEUTSCHLAND) Knuth, 1912, ZFJ, v. 44, 364-376, 619-637.—Olt, 1911, AFJZ, v. 87, 297-301; 1911, MtW, v. 55 (41), 683-685; 1911, BtW, v. 27 (49), 898-899 (beim Rehe); 1912, VGdNA, v. 83 (2), 558-559.—Reeker, 1910, 22-23 (beim Rehe).—Schöttler, 1911, v. 19 (38), 577-580; 1911, v. 19 (39), 593-595.

(FRANCE) Julien, 1897a, 722-725; 1897b, 725-726; 1898a, 82-93; 1898, v. 26 (1), 131-134, figs. 1-4 (de la caillette).—Rail., 1892p, 198-199; 1892q, 244-245 (gastro-intestinale des leporides).

(GR. BRIT.) Campb. & Lacr., 1907, 71.—Country Gentleman's Newspaper, 1911, v. 118, 556.—Law, 1913, VJ, v. 69, 301-308 (encephalic embolie).—Leiper, 1911, v. 1, 207, 218-234, figs. 16-30 (grouse).—Rogers, 1913, VJ, v. 69, 265-282 (encephalic embolie).—Shipley, 1911, v. 1, 207-218, pl. 33 figs. 1-5; 1911, v. 30, 34-36, figs. 1-7.—Vet., 1898, v. 71, 38.—Vet. J., 1916, v. 72, 341-342 (goats).

(ITALY) Baldi, 1900c, 210 (*Lepus*).—Della-Rovere, 1863a, 455-457; 1864a, 56-57 (in dog).—Santicchi, 1907, AdP, v. 11, 621-641, figs. 1-9 (pulmonary lesions).

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(NETHERLANDS) Vrijburg, 1914, TvV, v. 41 (11), 628.—Wester, 1914, TvV, v. 41 (11), 621-628, figs. 1-2; 1915, TvV, v. 42 (11), 422-423.

(RUSSIA) Kantselmakher, 1901, Vv, v. 3, 972-975.

(U. S. A.) Ackley, 1914, KVCVQ, (43), 1039-1040.—Campb., 1912, AJVM, v. 7 (12), 535-544 (encephalic embolie).—Glennon, 1896a, 462-464 (nodes in lungs).—Ludwigs, 1917, KVCVQ, (56), 1355-1356.—Miller, 1908, PASTT, v. 8 (9), 373-375; 1909, ESR, v. 20 (9), 884.—Paige, 1907a, 320-344 (goat; New Eng.).—Surg.-Gen. Cat., 1911, v. 16, 857-858.

(MISCELLANEOUS) Cartianu, 1905, v. 2, 303.—Chrysopathes, 1914, v. 14, 20.—Even, 1911, v. 68, v. 36 (3), 167-169.—Fœlger, 1908, 103-110 (eosinophilia).—Knowles, 1911, v. 6 (6), 633-637.—M'Kenzie, 1907, v. 2 (1), 20-24.

— in cattle:

(CAPE COLONY) Hutcheon, 1903a, 153-157.

(DEUTSCHLAND) Joest, 1908, ZIpKHH, v. 4, 201-215, pls. 1-2 (pathological anat.); 1909, VR, v. 21, 783 (in lungs); 1909, 112-113.

(GR. BRIT.) Norris, 1904, JDATII, v. 5, 48-57, figs. 1-11.—Read, 1848a, 604-605; 1849c, 56-57.

(SWITZ.) Blunschy, 1906, SAT, v. 48, 291-323, pls. 1-2; 1906, TR, 338; 1907, VJ, v. 63, 187-188; 1907, WTV, 972-974; 1907, BtW, 42-43.—Schnyder, 1906a, 1-81, pls. 1-7; 1906b, 160-208, 242-270, pls. 1-7.

(S. AMERICA) Moras, 1907, v. 53-54, 181-187.

(U. S. A.) KVCVQ, 1916, (52), 1265-1266.—Stiles, 1901q, 1-8 (treatment).

— in horses:

(FRANCE) Leneveu, 1915, RgMv, v. 24, 593-612.—Mégny, 1878m, 1174-1179 (verminous bronchitis).—Petit & Germain, 1907, RMv, v. 84, 421-427, figs. 1-2; 1908, BMSa, v. 82, 535-542; 1908, JTVS, v. 3 (3), 415; 1908, Tmu, v. 1 (10), 221-222; 1908, DtW, v. 16 (23), 341 (adénomes vermineux).

(GR. BRIT.) Mather, 1857a, 190-191 (in arteries of young colts).

(ITALY) Finzi, 1914, Cv, v. 37 (12), 491-506.

(SWITZ.) Folmer, 1913, Diss. Bern; 1915, SAT, v. 57 (6), 281-282.

(U. S. A.) Brill, 1916, AJVM, v. 11 (12), 978.—Kinsley, 1910, DtW, v. 18 (5), 70-71.

— in sheep:

(ALGERIA) Boquet, 1909, HVL, v. 3, 198-204 (gastro-duodenale).—Lachm., 1893a, 337-344; 1893b, 417-418.—Rail., 1888c, 99-101 (pneumonia).

(AUSTRIA) Koch, 1883a, 1-32, pl. 1; 1883b, 17-28, 33-38, 65-68, 97-99, 113-122, pls. 1-6 figs.

(CAPE COLONY) Dixon, 1910, AJCGH, v. 37, 284-289.—Hutcheon, 1903a, 153-157.

(DEUTSCHLAND) Ludw., 1818a, 311.—Lydtin, 1880a, 69-74, pl. 1 figs. 1-7; 1880b, 89-94, figs. 1-4.—Neiman, 1887a, 101-102; 1887b, 186-187; 1887c, 79; 1888a, 108.

(FRANCE) Mégny, 1878m, 1174-1179.—Moussu, 1910, BSnA, v. 57, 50-57, 89-93, 141-146, figs. 1-2.—Noël, 1904, Naturaliste, v. 26, 248.—Rossignol, 1893a, 74-75.—Seur., 1913, 75-79 (gastro-enterique).

(GR. BRIT.) Barron, 1896a, 33-38.—Caze, 1909, VR, v. 21, 745-746; 1909, v. 13, 633-639; 1909, v. 21 (8), 789.

(ITALY) Carità, 1887a, 56-61; 1887b, 97-102; 1887c, 139 (anaemia).

(S. AMERICA) Lignières, 1902h, 669-681; 1905c, 36.

(U. S. A.) Paige, 1907a, 320-344 (New Eng.).

(MISCELLANEOUS) Hornby, 1913, 545-554.

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(CAPE COLONY) Smith, 1914, AJUSA, v. 7, 488-493 (ostriches).

(DEUTSCHLAND) Neiman, 1887a, 101-102; 1887b, 186-187; 1887c, 79; 1888a, 108 (tracheal injection).

(FRANCE) Brumpt & Caucurte, 1912, BSnA, v. 59 (12), 361-367.—Lefebvre, 1773a, 76-85; 1773b, 155-162.

(GR. BRIT.) Broad, 1873a, 242.—Read, 1848a, 604-605; 1849c, 56-57 (ether, chloroform, oil of turpentine, rectified oil of amber).

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(U. S. A.) Stiles, 1901q, 1-8.

(MISCELLANEOUS) Hornby, 1913, 545-554.

STRONGYLURIS Müell., 1894a, 113, 116-117 (mt. brevicaudata) [not Strongylurus Hope, 1835, coleopt.].—Lane, 1914, IJMR, 655 (subg. of Het.; 1916, 100, 101.—Seur., 1917, CrSB, 354.—Skrj., 1916, 53, 56.—Trav., 1914, v. 6 (2), 138 (g. of Heterakidæ).

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elegans (Gendre, 1909) Rail. & Henry, 1914, ICZ, 677, to Het. (S.) (in Chamæleo gracilis).—Skrj., 1916, 58, 129, pl. 6 figs. 35-36 (in Chamæleo).

icosiensis Seur., 1917, CrSB, 354 [nomen nudum].

ornata (Linst., 1897) Rail. & Henry, 1914, ICZ, 677 (in Stellio vulg.) to Het. (S.).

paronai (Stoss., 1902) Rail. & Henry, 1914, ICZ, 677 (in Amphibolurus muricatus) to Het. (S.).

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(BRAZIL) Magal., 1891d, 821; 1894e, 292-297, fig. 1; 1895a, 132-133 (in swine).—Natterer, (?) (in loutre).—Trav., 1914, 4.—Wucherer, 1866, 63; 1869, 171.

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- arnfeldi* Müell., 1889a, 290 (in horse) (misprint for *arnfeldi*).—Linst., 1896, 17.
- asininus* Viborg, 1795, [nv.].—Rud., 1809a, 207.—Dies., 1851a, 303–305 (so. *Sclerost. armatum*).—Rail, 1893a, 456.—Ward, 1895a, 340 (in *Equus cab.*).
- attenuatus* Leidy, 1856b, 54 (in *Cynoc. porcarius*; by Schafhirt, lng.); 1904a, 100.—Cobbold, 1879b, 291.—Dies., 1861a, 723 (in *Simia (Cynoc.) porcaria*; Penn.).—Mol., 1861a, 525 (101) (renamed *cynocephali*).—Smidt, 1906, 650.—Stoss., 1899d, 85 (31) (so. c.).
- attenuatus* Mol., 1860e, 351–352 [not Leidy, 1856] (s. *Spiropt. suis-labiati* M. C. V.) (in *Dictyles albirostris*: Caiçara); 1861a, 511 (87).—Dies., 1861a, 720 (in D. a.; Brazil).—Julien, 1898a, 87.—Rail., 1898b, 173 (renamed *molini*).—Stoss., 1899d, 72 (18) (in D. a. D. labiatus; B.).
- auricularis* Zed., 1800a, 73 (in *Rana temp.*: [Europe]); 77–78, pl. 5 figs. 8–10 (includes *Asc. setiformis* Gœze, 1800); 1803a, 91–92.—Andrè, 1912, 475, 477, 478, 479, 480, 484 (in *Bufo. vulg.*, *Salamandra maculosa*); 1913, 185, 197 (in *R. escul.*, *R. t.*; Switz.).—Bagge, 1841a (evolution).—Baird, 1853a, 14.—Ben., 1858a, 1861a, 282.—Braun, 1891e, 111.—Büetch., 1876, 228.—Clap., 1859, pl. 5 figs. 12–29, pl. 7 figs. 11–15.—Crep., 1846a, 148.—Dies., 1851a, 313–314 (s. *dispar.*, *Asc. filif.*, *A. tenuissima*, *A. bufonis*, *A. intestinalis* Gm., *Cucullanus ranae*) (in *Anguis fragilis*, *Bombinator igneus*, *Bufo viridis*, *Dendrohyas viridis*, *Lissotriton punctatus*, *Pelobates fuscus*, *Pelophylax escul.*, *Phryne vulg.*, *Podarcis muralis*, *R. t.*, *Sal. atra*, *S. m.*, *Triton cristatus*; M. C. V.); 1861a, 721 (in *Bufo americanus*, *Cistudo carolina*, *Pel. escul.*); 1861e, 282.—Duj., 1845a, 131–133, pl. 4 fig. 4 (in *A. i.*, *Bufo cinereus*, *B. fuscus*, *B. igneus*, *B. vir.*, *Hyla arborea*, *Lacerta muralis*, *R. t.*, *S. m.*, *T. c.*; Wien, Greifsw.).—Eberth, 1863a, 64.—Fischer, 1840a, 154.—Galeb, 1878b, 361 (*Strongylus*).—362.—Hempel., 1912a, 108.—Kholodk., 1901, 253 (in *Bufo vulg.*, *R. t.*).—Kœll., 1843a, 73, 74, 75, 90, 110.—Kowal., 1894, 6.—Küech., 1855a, 300.—Leidy, 1856b, 54 (in *Bufo americanus*, *Cistudo carolina*).—Leuck., 1867b, 108; 1868a, 447.—Linst., 1879a, 179–180, pl. 12 fig. 25 (in

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Lacerta vivipara): 1882a, 6, pl. 1 figs. 7-13; 1903u, 269; 1905bb, 193; 1909, 60, fig. 28 (in *Bufo vulg.*, *B. vulg. variabilis*, *Bombinator igneus*, *H. a.*, *Pel. fus.*, *R. e.*, *R. t.*, *T. c.*, *T. tæniatus*, *Tropidonotus natrix*).—Martini, 1906a, 707.—Maupas & Seur., 1913, CrSB, 34, 35, 36, 37, figs. 1-2.—Meyer, 1896b, 72.—Mol., 1858d, 158; 1859h, 30; 1861a, 505-509 (81-85) (in *A. f.*, *Bomb. ig.*, *Bufo vir.*, *Ceratophris varia*, *Cist. car.*, *Cystignathus pachypus*, *Dendrohyas arboreus*, *D. vir.*, *Docidophyne aqua*, *Lacerta agilis*, *L. vir.*, *Lisso. punct.*, *Otolophus cinctus*, *Pel. fus.*, *Phryne cinerea*, *Ph. vulg.*, *Pod. mur.*, *Pelop. esc.*, *R. t.*, *Sal. at.*, *S. m.*, *Tr. c.*), 530 (106) (pars so. *Str. dispar*); 1861c, 321 (in *A. f.*, *Bufo vir.*, *Bombinator igneus*, *Dend. vir.*, *Lac. ag.*, *Lac. vir.*, *Lisso. punct.*, *Pel. fus.*, *Phryne vulg.*, *Pelop. esc.*, *Pod. mur.*, *Rana alpina*, *R. t.*, *Sal. at.*, *S. m.*, *Tr. c.*).—Müeh., 1898b, 46.—Nørner, 1881a, 4.—Oken, 1815a, 195-196.—Olfers, 1816a, 61.—Olss., 1876a, 147; 1883a, 53.—Pag., 1857, 40.—Par., 1894, 234.—Perez, 1866a, 232, 236, 277, 278.—Probstmayr, 1865, 178.—Rail., 1888i, 210.—Rizzo, 1902, 33 (in *Trop. natrix*; Catania).—Rud., 1802a, 25, 41 (s. *Asc. bufonis*, *A. intestinalis*, *Cucullanus ranæ*); 1803, 19; 1809a, 223-225, 247 (in *A. f.*, *Lac. ag.*, *R. bufo*, *R. t.*); 1810a, 375; 1819a, 33-34, 649 (also in *Bufo fus.*, *B. ig.*, *B. vir.*, *B. vulg.*, *Hyla arb.*, *Lac. cærulescens*, *L. vir.*, *R. esc.*, *Sal. lacustris*, *Sal. at.*).—Schneid., 1866a, 129, 131 (batrachiens, *Lacerten*, *Anguis fragilis* in Europe, *Rana musica* in Brazil), 147, 192, 221, 244, 259, 260, 272, 280, 290, pl. 9 fig. 11.—Seur., 1913, 82, figs. 1-2; 1914, 634-638, 639, figs. 1-2, 640.—Sieb., 1835, 79.—Stoss., 1891, 109; 1899d, 80-81 (26-27) (*Bufo cin.*, *B. marinus*, *Cystignathus ocellatus*, *Ceratophris varia*, *Lacerta cærulescens*, *L. erythronotus*, *Rana musica*, *Triton punctatus*, *T. ten.*).—Trav., 1917, 73 (of *Leidy* so. *Oswaldocruzia leidyi*).—Wag., 1857, 363.—Walter, 1866, v. 7, 21; 1866, 71.—Also reported for *Hyla viridis*.

auriculatus Kûech., 1857a, 386 (for *auricularis*?).

axei Cobbold, 1879b, 383 (in donkey; Eng.); 1884b, 6-7 (in stom. of *Equus asinus*; by *Axe*); 1886b, 259-264, pl. 32; 1886c, 447-448.—Fiebiger, 1912, 274.—Hut. & Mar., 1910b, 474; 1913b, 472.—Neum., 1892, 346.—Nev.-Lem., 1912a, 716.—Petit & Germant, 1908, v. 82, 535-542; 1908, v. 1, 221-222; 1908, v. 16, 341; 1908, 421.—Rail., 1893a, 445.—Sl. & Sw., 1912a, 376.—Stiles & Hass., 1894e, 343 (in *E. a.*).—Stœdter, 1901a, 61, 94 (in *Esel*).—Stoss., 1899d, 77 (23) (in *E. a.*, *E. cab.*).—Ward, 1895, 340 (in *E. c.*).

[*balsami* Par. & Grassi, 1877.—Perronc., 1882a, 360 (*Strongilo balsami*) (see *Doch. b.*)]

bialatus Mol., 1861a, 514-515 (90-91) (s. *auricularis* Zed., of Mol., 1858, 14, 158, & 1859, 30) (in *Pelophylax escul.*; Padua).—Also reported for *Rana escul.*

bidentatus Mol., 1861a, 559 (135) (in *Capra aries laticauda*).—Barthel, 1911, ZV, v. 23, 447-466.—Pilwat, 1910, v. 36, 505, 508, 559.

bifurcatus Linst., 1901b, 411 (for *bifurcus*?) (in *Papio langheldi*; Langenburg am Nyassa-See).—Marotel, 1911, 183.

bifurcus Crep., 1849a, 54 (in *Cercopithecus ruber*); 1850, MgT, v. 16 (4), 480-485, pl. 2 fig. 2 (in *C. r.*; by Gurlt); 1851, v. 12, 131.—Dies., 1861a, 722 (in *Simia rubra*; Berl.).—Mol., 1861a, 516 (92) (in *S. r.*; B.).—Smidt, 1906, 650.—Sons., 1890, 4.—Stoss., 1899d, 88-89 (34-35) (in *C. niger*, *C. patas*, *C. r.*, *Inuus ecaudatus*, *Macacus menestrinus*, *M. sinicus*, *M. rhesus*).

bispinosus Mol., 1860e, 351 (23) (s. *Spiropt. cervi-nambi*) (in *Cervus nambi*; Brazil); 1861a, 514 (90) (in *C. n.*, *M. C. V.*).—Dies., 1861a, 721 (in *C. n.*; B.).—Rans., 1911a, 54.—Stoss., 1899d, 128 (74) (in *C. n.*; B.).—Also reported for *Cariacus nambi*.

blasii Linst., 1887d, 110-111, pl. 2 fig. 14 (in stom., *Lepus cuniculus ferox*; Braun-schweig, by Blasius).—Hall, 1916a, 139 (so. *Graphidium strigosum*).—Meyer, 1896b, 72.—Rail., 1888i, 210-214 (so. *strigosus*); 1893a, 445.—Rail. & Henry, 1909a, 86 (so. *G. s.*).—Also reported for *Lepus cuniculus*.

boæ-giboæ M. C. V. in Mol., 1861a, 543 (119) (so. *Kalic. subulatus*).

brachylaimus Linst., 1901b, 410-411, figs. 1-2 to (Deletroc.) (in *Heterohyax mossambica*; Rukwa-See, Africa).—Hall, 1916a, 121-122, figs. 149-150 (in *Procavia brucei*; Germ. E. Africa).

brauni Linst., 1897c, 611-612, pl. 28 figs. 8-11 (in *Viverra zibetha*; Zool. Gard. Koenigsb.).—Stoss., 1899d, 68 (14) (in *V. z.*).

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- bronchialis* (Rud., 1819), Cobbold, 1864b, 356 (so. paradoxus); 1866, 5; 1879b, 207-208 (includes *Hamularia lymphatica*, to (Fil.)); 1879b, 207-208 to (Fil.).—Aitken, 1866, 805, 863 (quotes Treutler); 1872, 146, 176; 1874, 57.—R. Bl., 1890a, 15 (so. Fil. lymphatica).—Braun, 1903a, 276 (so. Fil. equina); 1908a, 309; 1915a, 325.—Cast. & Chalm., 1910a, 424; 1913a, 539.—Dungl., 1893a, 821, 1046.—Fiebiger, 1912a, 235.—Fischer, 1840a, 154 (of Brems.) (in *Sus scrofa dom.*; Vilna).—Müell., 1890c, 68 (s. Fil. hominis, H. 1.).—[Rud., 1809a, 220.]—Stiles, 1907b, 42.—Stoss., 1899d, 90 (36) (so. paradoxus).—Thorn, 1898, 164.—Verrill, 1870, 171.—Ward, 1903a, 212 (so. Fil. 1.).
- bronchialis canis* Rail., 1889g, 131 (for *canis bronchialis*); 1893a, 530 (so. Fil. osleri).—A., D., & E., 1901b, 19 (so. F. o.).—Hut. & Mar., 1913b, 75.—Sl. & Sw., 1912a, 397.
- buteonis-rufi* Dies., 1851a, 320 (in *Falco rufus*; Ireland, Bellingh., 1844a, 105, in *Buteo rufus*).—Mol., 1861a, 527 (103) (in F. r.).—Stoss., 1899d, 129 (75) (in F. r.; Ireland).
- cameli* Rud., 1819a, 36 (in *Camelus dromedarius*, C. bactrianus; C. E. V.).
- [*canino* Perronc., 1882a, 367, see *caninus*.]
- caninus* (Erc., 1859) Erc., 1859a, 530 (in intest., *Canis fam.*).—Rivolta, 1878, 17.
- canis bronchialis* Osler, 1877a, 387-397 (in *Canis fam.*; Montreal).—Cobbold, 1879b, 304 (renamed Fil. osleri).—DZT vP, 1889, v. 15, 274.—Hut. & Mar., 1906a, 54, 60; 1910b, 70, 75, 78.—Ward, 1895a, 343.
- canis pulmonalis* Linst., 1896c, 17 (for *canis bronchialis*).
- canis-vulpis* M. C. V. in Mol., 1861a, 442 (18) (so. *Crenosoma semiarmatum*).
- capillaris* (Müell., 1889) Schlegel, 1899a, 137-171, pls. 1-4 figs. 1-25 (in lungs, *Capra hircus*; Germany).—Edelmann, 1915, 108.—Fiebiger, 1912a, 261, fig. 175 (in goats, sheep, ? Gemse).—Fröhner, 1915a, 744 (in goat).—Galli-Val., 1901c, 361 (in goat).—Hut. & Mar., 1906a, 54; 1910b, 69; 1913b, 75, 86 (in Gemse, Reh, Schaf, Ziege) to (*Synthetocaulus*).—Katsurada, 1900d, 513, 521 (in sheep and goats).—Malkmus, 1906, 603.—Rail. & Henry, 1907, 753 (to *Synth.*).—Seur., 1913, 83.
- capillaris* n. sp. Pricolo, 1913, CfB, v. 71 (2-3), 201-202 (in chameau, dromadaire; Tripoli).—Rail., 1914, RMv, v. 91 (7), 247-248 (so. *Trichostr. colubrifi.*).
- capitellatus* Rud., 1819a, 35 (in *Caprimulgus europæus*; by Treutler), 265.—Dies., 1851a, 320 (s. ? *Eucamptus obtusus*) (in C. e.).—Duj., 1845a, 128-129 (in C. e.).—Lundahl, 1848a, 286.—Mol., 1861a, 527-528 (103-104) (in C. e.).—Stoss., 1899d, v. 19, 129 (75) (in C. e.).
- capreoli* Rud., 1809a, 244 (in *Cervus capreolus*; Zed., 1803a, 70); 1819a, 36 (in C. c.).—Dies., 1851a, 320 (in C. c.).—Duj., 1845a, 126.—Mol., 1861a, 527 (103) (in C. c.).—Par., 1894, 234.—Stoss., 1899d, 129 (75) (in C. c.).—Also reported for *Capreolus caprea*.
- catanensis* Rizzo, 1902, 33-34, figs. 5, 6 (in *Coluber viridiflavus*, *Tropidonotus natrix*; Catania).—Linst., 1909, 62 (in T. n.).
- cavalli* Hall, 1916a, 144, 146-147 (for *cavallii*), figs. 193-195 (in *Funisciurus carruthersi*, *Otomys irroratus*, O. i. tropicalis; Africa).
- cavallii* Par., 1907a, 2 (in *Otomys irroratus*, O. irroratus tropicalis; Fort-Portal, Kasiba, Africa).
- centertus* Michalik, 1891a, 58 (misprint for *contortus*).
- [*cernuo* Perronc., 1882a, 365, see *cernuus*.]
- cernuus* Crep., 1829b, 9-10 (in *Ovis aries*; by Laurer).—Armatage, 1895, 463.—Bail., 1866b, 54.—Carita, 1887a, 58, 59, 60.—Dies., 1851a, 301 (so. *Doch. hypost.*).—Duj., 1845a, 255-257 (so. *Sclerost. hypost.*).—Fiebiger, 1912, 289.—Gurlt, 1831a, 357-358, pl. 6 figs. 17-22.—Linst., 1906, 92.—Looss, 1902, 428.—Mehl., 1831a, 77.—Mol., 1861a, 468 (44) (so. *Monodontos wedlii*).—Rail., 1893a, 474 (to *Unc.*); 1900, v. 15, 86 to (M.), 86-87 (of *Schneid.*), 104, 106 (of *Crep.* so. M. trigonoc.); 1902b, 108 (so. *Bunost. phlebotomum* and B. trigonoc.).—Rans., 1911a, 30, to (M.) (so. M. t.).—Schneidem., 1896a, 318.—Schneid., 1866a, 128, 132, 137, 138 (in *Ovis aries*), 139, 142, 233, 256, pl. 9 figs. 6-7, pl. 24 figs. 3-4.—Stoss., 1899d, 123-124 (69-70) (to *Unc.*).—Ward, 1895a, 334 (in *Bos taurus*), 337 (in O. a.).—Wedl, 1856, v. 19, 54, pl. 3 figs. 34-36.—Züern, 1882, 262-263 (to *Dochmius*) (in O. a.).—Also reported for *Capra hircus*.

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- cervicornis* McFadyean, 1897a, 46–48, fig. 2 (in stom., *Ovis aries*); 1897c, 54–55, 57, 58, 62, fig. 1 (in sheep: Eng.); 1898c, 255 (s. *circumcinctus*).—Bang, 1897a, 346, 347, 348.—Blgr., 1914, v. 7 (3).—Christiansen, 1916, 154.—Craig, 1915, 498.—Dodd, 1908, v. 21, 197–198; 1909, v. 21 (2), 181.—Frœhner, 1915, 251.—Gardener, 1911, JSEA(C, 484 (in sheep and goat; Europe, U. S., N. Zealand, Australia).—Gilruth, 1899a, 23–27, 2 figs.; 1900, 46; 1900, 305 (in calves; New Eng.); 1901a, 27, 33; 1902, 293; 1906, 306, 307 (in *Bos taurus*, *Capra hircus*).—Hornby, 1913, 540, 541, 542, 543.—Ihle, 1917, 168.—Julien, 1897e, 544, figs. 3, a–c; 1898a, 84, 85, 87.—Rail., 1898, 173 (so. *circumcinctus*).—Rans., 1911a, 56, 59 (so. *Ostertagia ostertagi*, *O. circumcincta*).—Reakes, 1900a, 46 (*cervicornis*).—Sl. & Sw., 1912a, 379.—Stødter, 1901a, 5, 34, 39, 40, 41, 42, 44, 48, 52, 53, 54, 90 (so. *ostertagi*); 1898b, 166, 178
- cervicornis* Reakes, 1900a, 46 for *cervicornis* (in calves).
- cerci-mexicani* M. C. V. in Mol., 1861a, 461 (37) (so. *Eucyathost. longesubulatum*).
- cerci-rufi* M. C. V. in Mol., 1861a, 461 (37) (so. *Eucyathost. longesubulatum*).
- cesticillus* Mol., 1861a, 516–517 (92–93), pl. 5 figs. 1–2 (in *Cebus fatuellus*; Brazil).—Smidt, 1906, 650.—Stoss., 1899d, 85–86 (30–31) (in C. f.; B.).
- circumcinctus* Stadelmann, 1894a, 142–146, figs. 1–2 (in *Ovis aries*; Germany); 1896a, 235, figs. 1–2.—Fiebiger, 1912a, 273.—Gardener, 1911, JSEA(C, Wye, 484 (in sheep and goat; Europe, U. S., N. Zealand, Australia).—Hut. & Mar., 1906a, 379; 1910b, 475.—Julien, 1898, 86, 87, 88.—McFadyean, 1898c, 255, 256.—Rail., 1898, 173.—Rans., 1911a, 59, 62 (to *Ostertagia*).—Sl. & Sw., 1912a, 378.—Stødter, 1901a, 5, 34, 39, 40, 41, 42, 43, 44, 45, 47, 48, 53, 54, 90.
- circumlatus* Rail., 1899d, 128–129 (in bronchi and heart, *Phoca vitulina*; baie de Somme).—Rail. & Henry, 1913, 454 (in P. v.).
- clathratus* (Baird, 1868) Cobbold, 1882a, 224, 230–232, 234, fig. 2, pl. 23 figs. 3–5 (in *Elephas indicus*, *Loxodonta africana*).—Linst., 1907, 255.—Piana & Stazzi, 1900, 511 (to *Sclerost.*); 1900, 525–526.—Stazzi, 1900, 5.
- cohærens* Schneid., 1866a, 127, 135, 278 (in *Dasyprocta aguti*; Brazil).—Hall, 1916a, 115 (so. *Eucyathost. copulatum*).—Looss, 1901a, 47.—Rail., 1898b, 174 (so. ? *Sclerost. copulatum*); 1898, 402.—Stoss., 1899d, 112 (58) (so. *S. cop.*).
- colubri* Rud., 1819a, 37 (in *Coluber austriacus*; C. E. V.).
- colubri* M. C. V. in Mol., 1861a, 543 (119) (so. *Kalic. subulatus*) (Brazil).
- colubri cririo rari* M. C. V. in Mol., 1861a, 542 (118) (so. *Kalic. strumosus*) (Brazil).
- colubriiformis* Giles, 1892c, 34; 1892d, 45–47, 49, pl. 1 figs. 1–9 (in *Ovis aries*; India).—Julien, 1897e, 544.—Looss, 1905o, 409, 410, 419 (possibly = *Trichostr. subtilis*) (in Indian sheep).—Rail., 1893a, 442 (so. *instabilis*); 1898, 174.—Rans., 1911a, 88, 90 (to *Trichostr.*) (in O. a.).—Stødter, 1901a, 5, 76, 77, 78, 79, 92 (so. *retortæformis*).—Stoss., 1899d, 68 (14) (in O. aries; India).—Verdun, 1907, 303 (so. *Trichostr. subtilis*).—Ward, 1895a, 337 (so. ? *Str. instabilis*) (in O. a.).
- colubri-jararaca* M. C. V. in Mol., 1861a, 540 (116) (so. *Kalic. inermis*) (Brazil).
- colubri-surucucu* M. C. V. in Mol., 1861a, 543 (119) (so. *Kalic. subulatus*) (Brazil).
- commutatus* Dies., 1851a, 315 (new name for *Fil. leporis pulmonalis*, and *Str. retortæf. major*) (in *Lepus timidus*; Europe).—Anacker, 1893i, 345.—R. Bl., 1888a, 742 (in rabbit).—Cobbold, 1875o, 891; 1879b, 319, 336.—DZTVP, 1889, v. 15, 296.—Eberth, 1863a, 64, 65, 66, 68, 70, 71.—Edelm., 1915, 109.—Fiebiger, 1912a, 262.—Frœhner, 1915a, 739.—Galeb, 1878b, 350.—Galli-Val., 1907, 225 (in lièvre; Kairouan).—Hall, 1916a, 163 (so. *Synthetocaulus pulmonalis*).—Hempel., 1912a, 108.—Horne, 1909, v. 21 (7), 179–184, pls. 1–2.—Hut. & Mar., 1906a, 53; 1910b, 69; 1913b, 75, 86 (in Gemse, Hase, Kanichen, Reh, Schaf, Ziege).—Jellinek, 1902a, 552 (in hare; 1903a, 110; 1903b, 224.—Kleinpaul, 1908, v. 16 (43), 622.—Leuck., 1867b, 106, 107, 115; 1868a, 403, 404, 405; 1879a, 61; 1886d, 47.—Linst., 1896c, 17; 1906, 390, 397, 398, 399.—Marzocchi, 1908, v. 42, 211–212; 1908, v. 70, 259 (broncho-pneumonia); 1908, 166.—Mazzanti, 1892a, 105–108 (in *Lepus dom.*).—Mégn., 1897b, 80–81; 1897c, 230–231.—Mégn. & Rémy, 1887a, 445–447.—Mol., 1861a, 522 (98) (in *L. timidus*; M. C. V.).—Müh., 1898b, 47.—Nœrmer, 1881a, 4.—Ostertag, 1899a, 425.—Rail., 1888i, 211; 1890, No. 8; 1893a, 435, fig. 294.—Rail. & Henry, 1907, 752 (to *Syn.*).—Richters, 1913, in 251–272.—Schlegel, 1899, 139, 140, 143, 144, 145, 151, 164.—Schneid., 1866, 143, 269

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(s. retortæf. Rud. pars).—Stoss., 1897a, 5; 1898, 86; 1899d, 77-78 (23-24) (in *L. cuniculus*, L. t.; Europe).—Thierarzt, Wetzlar, 1903, v. 42 7-8.—Vaull., 1901, 127.—Wucherer, 1869, 171.—Zsch., 1914, v. 58, 94.

conjugatus caria-aguti M. C. V. in Mol., 1861a, 462 (38) (so. Eucyathost. copulatum) (Brazil).

contortis AJCGH, 1904, v. 24 (3), 293-294 (in sheep, goats) (for contortus).

[*contorto* Perronc., 1882a, 366, see contortus].

contortus Rud., 1803a, 15-17 (in Ovis aries; by Rud.): 1804, 27; 1805, 36-37; 1809a, 216-217 (s. ovinus); 1819a, 32 (in O. a.; Greifsw.).

(AUSTRALIA) Bennett, 1875a, 124.—Brown, 1915, QAJ, v. 4 (1), 11-15, pl. 1 figs. 1-11.

(AUSTRIA) Dies., 1851a, 318 (in *Antelope rupicapra*, *Capra aries*, A. ammon; M. C. V.).—Nørner, 1881a, 3, figs. 1-2.

(CAPE COLONY) AJCGH, 1890, v. 3, 207; 1892, v. 5, 89, 133, 260; 1893, v. 6, 5-6, 452.—Crowhurst, 1897b, 297-298.—Dixon, 1907, AJCGH, v. 31 (6), 637-642, pl. 1 figs. 1-11; 1908, VJ, v. 64, 91-94; 1909, VJ, v. 65, 426-427; 1913, AJUSA, v. 6, 34-37.—Fincham, 1891a, 207 (in sheep).—Fischer, 1891c, 162; 1891e, 163.—Hellier, 1892d, 33.—Hutcheon, 1892f, 22; 1892h, 55-56; 1892i, 100-102; 1892n, 141-142; 1894b, 39; 1895b, 18-19; 1895c, 1-5 (in sheep, goats); 1895d, 88; 1898b, 574-577 (and douglassii; S. Africa); 1904g, 293-294.—Knoblauch, 1893a, 386.—Liebenberg, 1893a, 388.—Oberholzer, 1891, AJCGH, v. 3, 241.—Simonds, 1893a, 284.—Soga, 1891a, 181.—Stoney, 1897a, 297.—Vincent, 1892a, 151.

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- costatus* Rud., 1819a, 647-648 (in *intestinis*, *Coluber* sp.; Brazil).—Dies., 1851a, 298 (to *Diaphanoc.*) (in *Hylophis laevicollis*, *Lachesis rhombeata*; B.).—Duj., 1845a, 260 (to *Sclerost.*).—Looss, 1911, v. 4, 200.—Schneid., 1866a, 129, 131, 137, pl. 9 fig. 4.—Stoss., 1899d, 104 (50) (to *Sclerost.*) (in *Bothrops iaraacca*, *Erymnus macrolepidotus*, H. 1., *Herpetodryas bicarinata*, H. *costatus*; B.).
- costatus* Meyer, 1896b, 69-72, figs. 16-19 (in *intest.*, *Manis pentadactyla*; Ceylon).—Poss & Star., 1902a, 8.
- costellatus* Duj., 1845a, 116 (in *Arvicola arvalis*; Rennes).—Dies., 1851a, 311 (in *Lemmus arvalis*).—Hall, 1916a, 149, 150, 159 (to *Heligmosomum*).—Müch., 1898b, 47.—Stoss., 1899d, 88 (34) (so. *polygyrus*).
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- criniformis* (Goeze, 1782) Rud., 1802a, 39-40 (s. *melis*) (in Dachs); 1809a, 234-235 (in *Ursus meles*); 1819a, 35-36 (in *Meles taxus*; Greifsw.).—Cat. RCSL, 1830, 41. (in M. vulg.).—Cobbold, 1866b, 5 (in M. v.).—Dies., 1851a, 300 (to Doch.).—Duj., 1845a, 276 (to D.).—Gieb., 1857a, 269.—Linst., 1906, 92.—Looss, 1902c, 422, 423, 424 (so. *Unc. melis*); 1905a, 23 (of Rud., not Goeze), 25 (in M. t.); 1911a, 194.—Mol., 1861a, 476 (52).—Oken, 1815a, 196.—Olfers, 1816, 60.—Par. & Grassi, 1877, 193 (to D.).—Schneid., 1866a, 126, 128, 131, 139, 1 fig.—Zedl., 1803a, 90 (in U. m.).
- crispinus* Stoss., 1899d, 108 (54) (misprint for *orispinus*) (so. *Sclerost. mucronatum*).
- crotali* M. C. V., in Mol., 1861a, 548 (in *Crotalus horridus*) (so. *Kalic. mucronatus*), 529-530 (105-106) (in C. h.; *Ypanema*). M. C. V., 541 (117) (so. *Kalic. inermis*).—Stoss., 1899d, 106 (52) (so. *Sclerost. inermis*).
- cruciformis* Cobbold, 1879b, 298 (in *Meles*; Hunterian Mus.; n. n. except for host) (possibly lapsus for *criniformis*).
- curticei* Rail., 1893a, 442 (for *curticii* Giles, 1892d).—Christiansen, 1916, 147.—Hut. & Mar., 1910b, 477; 1913b, 475 to (Cooperia).—Nev.-Lem., 1912a, 717.—Rans., 1907, 3 (in *Ovis aries*; U. S. A.); 1911a, 71, 74, 79.—Rail., 1898, 173.—Schnyder, 1906, 14, 26, 27, 28, 33, 35, 36, 37, 38, 39, 44, 48, 49, 50, 52, 56, 57, 58, 60, 62, 67, 69, 70, 75, pl. 2 fig. 5; 1906, 169, 181, 182, 183, 190, 191, 192, 193, 194, 204, 205, 207, 245, 246, 247, 249, 251, 256, 258, 259, 264, pl. 2 fig. 5; 1907, 708.—Stiles, 1904s, 484.—Stedter, 1901a, 5, 63, 64, 65, 67, 68, 69, 70, 71, 90.—Ward, 1895a, 334 (in B. t.), 337 (in O. a.).
- curticii* Giles, 1892d, 48-49 (in *Ovis aries*; U. S. A.) (s. *ventricosus* of Curtice).—Rans., 1911a, 71, 74 (so. *Cooperia curticei*).
- cylindricephalus* Mol., 1861a, 529 (105) (in *Amphisbæna flavescens*; *Ypanema*, M. C.) (s. *amphisbæna-albæ*).
- cylindrocephalus* Stoss., 1899d, 129 (75) (in A. f.) (for *cylindricephalus*).
- cynocephali* Mol., 1861a, 524-525 (100-101) (*attenuatus* Leidy renamed) (in *Cynocephalus porarius*; Penn.).—Smidt, 1906, 650.—Stoss., 1899d, 85 (31) (in C. p.; Penn.).
- dasypodis-gilvipedis* M. C. V., in Mol., 1861a, 474 (50) (so. *Diploodon mucronatum*) (Brazil).
- decoratus* Crep., 1847a, 289 (in air passages, *Canis vulpes*; by Crep.).—Mol., 1861a, 442 (18) (so. *Crenosoma semiarmatum*).—Stoss., 1898, 85 (to C.); 1899d, 67 (13).
- dentatus* Rud., 1803a, 12-13 (in *Sus scrofa*; by Rud.); 1804, 33; 1809a, 208-210 (to *Sclerost.*); 1819a, 31 (in S. dom., S. fer.; Greifsw.).—Bail., 1866b, 56 (to *Scl.*).—Dies., 1851a, 305-306 (to *Sclerost.*).—Duj., 1845a, 127 (in S. *scrofa* dom., S. s. f.).—Fröhner, 1915a, 251.—Gurlt, 1831a, 356, pl. 7 figs. 20-24.—Jensen, 1914, 36.—Köll., 1843, 69, 107, 110, 117, figs. 24-25.—Lam., 1816, 204; 1840a, 650.—Liebe, 1898a, 207 (s. *follicularis*) (in swine).—Mehl., 1831a, 79.—Meyer, 1896b, 72 (in *Sus*, *Dicotyles*).—Mol., 1861a, 445 (21) (so. *Oesoph-*

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- depressusculus* Linst., 1889a, 8 (misprint for *depressus*) (in *Crocidura leucodon*).
- depressus* Duj., 1845a, 112 (in *Sorex tetragonurus*; Rennes).—Cobbold, 1879b, 296.—Dies., 1851a, 313 (in S. t.; R.).—Linst., 1879b, 180 (in *Crocidura aranea*); 1880, 47–48, pl. 3 fig. 12.—Stoss., 1899d, 82 (28) (in C. a., C. leucodon, S. t.).
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- dilatatus* Rail., 1884k, 454 (6) “(= *Str. inflatus* Schn.) du bœuf.”; 1893a, 449 (so. Oesophagost. inflatum); 1900, 105 (so. O. radiatum).—Hut. & Mar., 1913b, 514.—Nev.-Lem., 1912a, 719.—Rans., 1911a, 44 (so. O. rad.).—Ward, 1895a, 334 (in *Bos taurus*) (so. O. inf.).
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- dimidiatus minor* (Mol., 1861) Par., 1900c, 196 (in *Rhea americana*; [S. A.]).
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- dorcadis* Rud., 1819a, 37 (in *Antilope dorcas*; C. E. V.).—Dies., 1851a, 316 (so. filaria).—Duj., 1845a, 126.—Stoss., 1899d, v. 70 (16) (so. fil.).
- douglasi* Gedoelst, 1911a, 120 (in ostrich) (for *douglassii*).—Issel, 1915, TRSS Africa, v. 4, 259–272, figs. 1–11.—Smith, 1914, v. 7 (4), 488–493 (treatment).
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- elephantis* Cobbold, 1879b, 393 (for *elephanti*).
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hominis intestinalis Leichtenstern, 1886c, 238 (for Ankylost. duodenale).—Looss, 1905a, 18 (so. Agchylost. duod.); 1905b, 43.

horridus Rud., 1809a, 35, 237-238, 239, pl. 3 figs. 8-10 (in Scelopax gallinula, Griessw.); 1819a, 28 (so. Spiropt. gallinula).—Mol., 1860b, 973 (to Spiropt.).—Oliere, 1816a, 58, 60.—Schneid., 1866a, 95.—Villot, 1875, 470 (probably so. Spiropt. aculeata).

houbaræ Dies., 1851a, 321 (in Otis houbara; Offenbach; Meyer, 1831, 407).—DZTVP, 1889, v. 15, 317.—Mol., 1861a, 528 (104) (in O. h.).—Stoss., 1899d, 130 (76) (in O. h.).

hypostomus Rud., 1819a, 33, 263 (in Antelope rupicapra; Mus. Wien).—Armatage, 1895, 463.—Bail., 1866b, 54 (to Sclerost. — Brems., 1824c, pl. 4 figs. 1-3 (so. Scl. ovinum).—Cobbold, 1873c, 112; 1875b, 891; 1876c, 676; 1879b, 336, 346.—Crep., 1829b, 10-13, pl. 1 figs. 6-9; 1839a, 281.—Dies., 1851a, 291 (to Doch.).—Duj., 1845a, 255 (to Scl.).—Fröhner, 1915a, 251.—Gurlt, 1831a, 356, pl. 7 figs. 7-12.—Kowal., (1894a), 226; 1894, 6; 1902d, 12, 30 (so. Scl. ov.).—Looss, 1901a (1902 May 13), 47.—Mehl., 1831a, 78-88, pl. 2 figs. 5-9 or 10-12 (so. Scl. ov.).—Mol., 1861a, 468 (44) (so. Monodontus weddii).—Nev.-Lem., 1912a, 726.—Nordm., 1832a, 107; 1833b, 317; 1840a, 650.—Par., 1894, 233 (so. Scl. ov.).—Rail., 1900e, 102-107; 1893a, 463 (to Scl.); 1900e,

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104.—Rail. & Henry, 1909b, 169 (so. *Chabertia ovina*).—Rans., 1911a, 35 (so. *Ch. ov.*).—Schneidem., 1896, 318.—Schneid., 1866a, 18, 127, 131, 132, 134–135, 138, 142, 294, 307, pl. 8 figs. 9–10, pl. 9 fig. 12.—Stødter, 1901, 6–7 (so. *ovinus*).—Stoss., 1899d, 102 (48) (so. *Sclerost. ovinum*).—Ward, 1895a, 337 (in *Ovis aries*).—Züern, 1882, 261.—Also reported for *Capra hircus*, *Capreolus caprea*, *Cervus dama*, *C. elephas*, *Gazella dorcas*, *Oryx leucoryx*, *Ovis argali*, *Rupicapra tragus*.

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inflatus Mol., 1861a, 520–521 (96–97), pl. 5 figs. 7–8 (in *Myrmecophaga jubata*; M. C. V.).—Par. & Stoss., 1902, 80.—Stoss., 1899d, 85 (31) (so. *filiformis*).

[*inflato* Perronc., 1882a, 366, for *inflatus*.]

inflexus Rud., 1809a, 227–228 (in bronchi, *Delphinus phocaena*; Ing.); 1819a, 34.—Baer, 1827b, v. 13, 560.—Baird, 1853, 111 (to *Prosthecosacter*).—Ben., 1870a, 363–364.—Cat. RCSL, 1830, 40–41 (in *D. p.*).—Craigie, 1832a, v. 38, 301, 354; 1832, v. 36, 122, figs. 18–21.—Crep., 1829b, 13–19.—Dies., 1851a, 323 (of Rud. pars. to *Prosth.*); 324 (pars of Rud., 1809a, 227; Crep., 1829b, 14; in Mehl., 1831, 88–89, pl. 2 figs. 13–15; Rapp., 1837, 100) (renamed *Pr. minor*; 1861a, 719 (to *Prosth.*)).—Duj., 1845a, 135 (pars so. *Pseudalius filum*), 266 (to *Stenurus*).—Eschr., 1840a, 66; 1841g, 25–26, 33, 34; 1841h, 214–215 (in *D. p.*).—[Klein, 1740.].—Fröhner, 1915a, 215.—Kuhn, 1829, v. 19, 139; 1829a, v. 17, 150; 1829b, 363, 364, 367, pl. 17 figs. 14–17.—Mehl., 1831, 88–90.—Oliere, 1816a, 60.—Quekett, 1841a, v. 8, 151.—Raspail, 1829b, v. 2, 244, pl. 7 figs. 4–8, pl. 8 figs. 2–4, 7–9; 1829, v. 19, 139–143.—Schneid., 1866a, 126, 173.—Sieb., 1838, v. 2, 294.—Stoss., 1899d, 64 (10) (to *Ps.*).—Thoms., 1855, 185.—Vrolik, 1826, 77–84; 1826, v. 9, 374–375.

inflexus major (Duj., 1845) Dies., 1851a, 323 (based on Raspail, 1829b, 244, pl. 7 figs. 4–8, pl. 8 figs. 2–4, 7–9; 1829c, 139–143).—Baird, 1853a, 111 (so. *Prosthecosacter inflexus*).

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instabilis Rail., 1893a, 442, fig. 301 (in intest., *Ovis aries*, chèvre, chevreuil; by Rail. (? s. *colubriiformis*).—Bowhill, 1906, 558.—Braun, 1908a, 326; 1915a, 346.—Brumpt, 1910a, 389; 1913a, 459.—Cast. & Chalm., 1910a, 431.—Fiedler, 1912a, 272.—Julien, 1897e, 528, 533, 543, 544, 575, figs. 3, a–c; 1897a, 724; 1898a, 84, 85, 88.—Looss, 1905o, 409, 410, 411, 419, 420, 422 (?= *Trichostr. subtilis*); 1914, 511.—Neum. & Mayer, 1914a, 443.—Nev.-Lem., 1908a, 458; 1912a, 716.—Rail., 1893, 442, fig. 301; 1898, 173 (so. *retortaeiformis*); 1898, 254.—Rans., 1907, 1; 1911a, 59, 88 (to *Trichostr.*) (so. *Ostertagia circumcincta*); 1917, TASTM, 81.—Sl. & Sw., 1912a, 519.—Stiles, 1914, MM, v. 2, 294.—Stødter, 1901a, 5, 42, 76, 77, 78, 79, 92 (so. *ret.*).—Stoss., 1899d, 76 (22) (in *Capra hircus*, *Cervus capreolus*, *O. a.*).—Thorne, 1898b, 166, 178.—Vaull., 1901, 133.—Ward, 1895a, 337 (in *O. v.*).

intestinalis (Bavay, 1877) Thayer, 1900c, 721 (misprint for *Strongyloides intest.*).—Warfield, 1906, Oct. 13, 335.

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inraginatus Schneid., 1866a, 129, 132, 147–148, 251, pl. 8 fig. 17 (in *Coluber* sp.; Brazil).—Meyer, 1896b, 72.—Rail., 1888i, 210.—Schulthess, 1882, 183.—Stoss., 1899d, 75 (21) (in *C. sp.*; B.).

[*ipostomo* Perronc., 1882a, 364, see *hypostomus*.]

ipostomus Carita, 1887a, 58, 59, 60 (for *hypostomus*).

isotrichis (Mol., 1860) Hall, 1916a, 108–109 (in *Thrichomys pachyurus*; Brazil).

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- commutatus* Schneidem., 1896a, 319 (for *commutatus*).
kontortus Schneidem., 1896a, 316, 317 (for *contortus*).
convolutus Dammann, Dirigent, & Freese, 1908, TR, v. 14, 506 (for *convolutus* Ostertag).
laris Duj., 1845a, 117-118 (in *Arvicola subterraneus*, *Mus sylvaticus*, *Myoxus nitella*; Rennes).—Cobbold, 1879b, 315.—Dies., 1851a, 308 (in *Lemmus* (*Arvicola*) *subterraneus*, *Mus* s., *My. ni.*; R.).—Hall, 1916a, 153, 159 (to *Heligmosomum*).—Mol., 1861a, 592 (168) (to *Metastr.*).—Stoss., 1899d, 88 (34) (so. *polygyrus*).—Also reported for *Arvicola arvalis*, *Lepus cuniculus*, *Myoxus quercinus*.
lari-ridibundi Dies., 1851a, 321 (s. *Nematoideum lari-ridibundi*) (in *Larus ridibundus*, *L. fuscus*); 1861a, 718.—Mol., 1861a, 528 (104) (in *L. r.*, *L. f.*).—Müehl., 1898b, 48 (so. *Sclerost. cyathost.*).—Rans., 1904, 43.—[Sieb., 1837a, 68 (in *L. r.*).]
lemmi Sieb., 1837e, 209.—Dies., 1851a, 319-320 (s. *Nematoideum muris-amphibii*) (in *Lemmus amphibius*; Königsb.).—Hall, 1916a, 121, 122-123.—Linst., 1909a, 62 (in *Arvicola amphibius*).—Mol., 1861a, 527 (103) (in *L. a.*).—Par., 1894, 234.—Stoss., 1899d, 130 (76) (in *L. a.*).
leonis Rud., 1809a, 242 (in *Felis leo*; Redi, 136, 203); 1819a, 27.—Mol., 1860b, 974 (to *Spiropt.*).
leporum (Moniez, 1880) Moniez, 1889k, 351-354 (in *lapin, lièvre*; N. France).—Hall, 1916, 144, 148 (in *Oryctolagus cuniculus*, *Lepus europæus*; Europe).—Rail., 1893a, 447; 1916, RMv, 518.—Rail. & Henry, 1909a, 86 (so. *Graphidium strigosum*).—Stødter, 1901a, 61, 94 (in *hare*).—Stoss., 1899d, 91-92 (37-38) (in *Lepus timidus*, *L. cuniculus*; France).
leptocephalus Rud., 1819a, 649-650 (in *Bradypus tridactylus*; Brazil).—Cobbold, 1879b, 321.—Crep., 1844a, 115.—Dies., 1851a, 312 (s. *Nematoideum bradypodis-tridactyli*) (in *B. t.*; B.).—Duj., 1845a, 121 (in *B. t.*).—Schneid., 1866a, 79, 100, 127 (to *Fil.*).
leptosomus Gerv., 1848, ASn, v. 10, 204 (in *Uromastix acanthinurus*; Liège, from Algeria).—Crep., 1849a, 72 (n. sp. in *Uromastix a.*; Gerv., 1848, 204).—Dies., 1851a, 321 (in *U. a.*; A.).—Fraip., 1882a, 103-104, figs. 11-13 (in *U. a.*; L., from A.).—Mol., 1861a, 529 (105) (in *U. a.*).—Seur., 1917, CrSB, 48 (22) (to *Physalopt.*).—Stoss., 1899d, 130 (76) (in *U. a.*).
linstowi Stoss., 1899d, 128 (74) (*alatus* Linst., 1879, renamed) (in *intest.*, *Manis tetradactyla*; Ing.).
loncheris M. C. V. in Mol., 1861a, 560 (136) (so. *Sclerost. isotricis*) (in *Isothrix pachyura*).
longecirratus Linst., 1879b, 332-333, pl. 5 fig. 18 (in *intest.*, *Bos grunniens*; Ing.).—Rans., 1911a, 34 (to *Monodontus*).—Stoss., 1899d, 114 (60) (in *B. g.*) (to *Sclerost.*).
longevaginalis Cast. & Chalm., 1910a, 1216 (misprint for *longevaginatiss*).
longevaginatiss Dies., 1851a, 317 (in *Homo*; Transylvania, M. C. V.); 1857a, 22-25; pl. 3 figs. 25-31; 1861a, 722 (in *H.*).—A., D., & E., 1901b, 14 (so. *Fil. lymphatica*).—R. Bl., 1888a, 740-743 (s. ? *Fil. trachealis*, figs. 362-364; 1888r, 39, 1890a, 16 (cf. *Hamularia lymphatica*).—Bonis, 1876a, 135; 1882a, 112, 137.—Braun, 1883a, 170-171; 1903a, 292; 1908a, 325; 1915a, 344.—Brumpt, 1910a, 472; 1913a, 533.—Cast. & Chalm., 1910a, 430; 1913a, 551.—Cobbold, 1866, 5; 1879b, 208.—Daniels, 1914a, 141.—Dav., 1877a, cxvii, 21.—Delafield & Prudden, 1897a, 137.—DZTvP, 1889, v. 11, 265.—Dewitz, 1892b, 164.—Dungl., 1893a, 1046, 1174.—Goubert, 1878a, 122.—Güenth., 1858, 199.—Huber, 1895a, 314.—Hut. & Mar., 1910b, 69; 1913b, 74.—Ijima, 1889b, 317.—Küech., 1855a, 289, 296-297, 464, 481-482, pl. 8 fig. 2.—Küech. & Züern, 1881a, 442.—Leiper, 1907, 1296.—Leuck., 1867b, 64, 150; 1868a, 264, 403-409, figs. 229, 232, 233; 1876a, 880; 1879a, 61; 1886d, 47.—Mosler & Peiper, 1894a, 211.—Nev.-Lem., 1902a, 105; 1904a, 107; 1908a, 457; 1912a, 686.—Packard, 1869a, 524.—Perronc., 1882a, 368.—Rail., 1893a, 432 (s. *paradoxus*).—Rzewiski, 1887, 20.—Sl. & Sw., 1912a, 324.—Stiles, 1907b, 50.—Stødter, 1901a, 35.—Stoss., 1899d, 90 (36) (so. *parad.*).—Stubbendorff, 1893, 10.—Swart, 1862, 52.—Vogt, 1878, 11, 13.—Wagner, 1883, 124.—Ward, 1895a, 331 (in *Homo*), 337 (in *Ovis aries*); 1903, 212, 217, 219 (so. *apri.*).—Weinl., 1859, 283.—Willach, 1891, v. 17, 343 (in *H.*).—Wood & Fitz, 1897, 339.

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- lupi* Rud., 1809a, 242 (in *Canis lupus*; by Heyse); 1819a, 27, 36 (in C. 1.; M. C. V.).—Fischer, 1840a, 154.—Mol., 1861a, 526 (102) (in C. 1.).—Rail., 1893a, 536 (so. *Spiropt. sanguinolenta*).—Stoss., 1899d, 128 (74) (in C. 1.).—Ward, 1895a, 343 (in C. fam.).
- major* Duj., 1845a, 135 (so. *Pseudalius filum*) (quotes Raspail, 1830 (1829b), 244 pls. 7-8 [not available]).
- meleagris-gallopavonis* Dies., 1851a, 302 (so. *Sclerost. syngamus*) quotes Bellingh., 1844a, 105).—Dolley, 1894a, 1013 (so. *Syngamus trachealis*).—Stoss., 1899d, 98 (44) (so. S. t.).
- melinus* Fabr., 1794a, 12 (*Unc. melis* and *Asc. crinif.* renamed).
- melis* Schrank, 1788a, 15 (in *Dachs*; Goeze, 1782a, 107, pl. 3 figs. 1-4).—Dies., 1851a, 300 (so. *Doch. criniformis*).—Duj., 1845a, 276 (so. D. c.).—Frøel., 1789a, 137 (to *Unc.*); 1790, 136 (so. *Asc. crinif.*).—Mol., 1861a, 495 (71) (so. D. c.).—[Muell., 1787a, 55.]—Par. & Grassi, 1877b, 193 (so. D. c.).—Rud., 1802a, 39 (so. *crinif.*); 1809a, 234 (so. c.).—Stoss., 1899d, 125 (71) (so. *Unc. crin.*).—Zed., 1800a, 72 (in *Melis*); 1803, 90 (so. c.).
- mergorum* Rud., 1809a, 240 (in *Mergus albellus*, M. serrator; Redi, *An. vir.*, 153, 154, Vers. 226, 228 pl. 21 fig. 10); 1819a, 32, 262, (so. *tubifex*).—Dies., 1851a, 325.—Duj., 1845a, 129 (so. *tub.*).—Jægers., 1909, v. 2 (3), 10 (so. *Eustrongylides elegans*).—Olfers, 1816a, 60.—Rail., 1893a, 423 (so. *Hystrichis elegans*).
- microstoma* Veterinarian, Lond., 1876, v. 49, 477-478 (in horse).
- micrurus* Mehl., in Gurlt, 1831a, 358-359, pl. 6 fig. 50-54 (s. *vitulorum*, Gord. viviparus, *Fus. vituli*) (in *Bos taurus*, *Equus asinus*; Europe).—Anacker, 1879, v. 18 (4), 79-80 (in cattle); 1892m, 584.—Bail., 1866b, 62-63, 66, 67.—Baird, 1853, 13.—Bauer, 1872a, 405-406 (in *Bos taurus*).—Bergeon, 1905, 717 (husk, treatment).—Blemer, 1901a, 188-190.—Bos, 1894a, 215.—Broad, 1873a, 242 (treatment, parasitic bronchitis) (in B. t.).—Brown, 1897a, 23.—Bruckmueller, 1866, OVvV, 24-35.—Cagny & Gobert, 1904a, 695, 696, fig. 1660.—Campb. & Lacr., 1907, 72.—Chardin, 1876a, 313.—Cobbold, 1873c, 63, 111; 1874d, 8; 1875o, 889-901 (eggs, embryos); 1876l, 402; 1879b, 335, 336, 345, 385.—Christiansen, 1916, 151, 154.—Daniels, 1897, 71, 1910, pt. 2, 129.—Dav., 1877a, cxvii, 23, 28, 30.—DZTvP, 1889, v. 18, 302.—Dewitz, 1892b, 146, 165-166, 168, 170, fig. 127.—Dies., 1851a, 316 (s. Gord. viviparus, *Asc. filif.*, *Asc. vituli*, *Fus. vituli*, *Str. vitulorum*) (in B. t., *Equus cab.*, *E. asinus*, *Cervus dama*).—Edelm., 1915, 108.—Fiebiger, 1912a, 260, fig. 174.—Francis, 1894a, 452.—Fröhner, 1915a, 738.—Fry, 1836a, 219 (in B. t.).—Galli-Val., 1901c, 361 (bovides).—Garcia, 1908, (1826), 291-292 (bronchopneumonia del ganado lanar); 1908, (1827), 310-311.—Gurlt, 1831a, 358-359, pl. 6 figs. 50-54.—Horstmann, 1889a, 47.—Hutton, 1885a, 39-41 (intratracheal injections).—Hut. & Mar., 1906a, 53; 1910b, 69; 1913b, 73-74, figs. 11, 13 (in Damwild, Edelhirsch, Reh, Rind, Pferd, Esel).—Jægers., 1898a, 739.—Jarvis, 1874a, 24-26 (pathology).—Joest, 1908, v. 4, 201-215, pls. 10-11 4 figs.—Kasperek, 1900a, 70-73.—Kastenbaum, 1899, 249.—Kitt, 1892a, 79-82 (in Edelhirschen).—Knight, 1903a, 523; 1903b, 410-411.—Krieger, 1912 or 1913, Diss. Giessen, 1-51.—Kudelka, 1893b, 223.—Leaver, 1829a, 355-357.—Leuck., 1863a, 109; 1868a, 407; 1879a, 61, 183; 1886d, 47, 143.—Linst., 1896b, 17; 1906, 390, 391, 397, 398, 399.—Looss, 1901a, 56, 67, 72.—McCoart, 1880a, 62 (in cattle).—Macfarlane, 1898a, 558-560.—Maffei (1861a), 22-26.—Macgillivray, 1879a, 870-872.—Malkmus, 1906, 603.—Meyer, 1896b, 60, 61.—de Mia, 1902a, 67; 1902b, 370.—Milroy, 1889a, 212-213, 214.—Mol., 1861a, 520 (96) (in B. t., E. c., E. a., C. d.; Berl.).—Muell., 1903, 127.—Nev.-Lem., 1912a, 693.—Ostertag, 1890b, 457; 1890c, 4; 1899a, 422.—Padrone, 1904a, 493.—Pedersen, 1894-95, v. 6, 218-222.—Penhale, 1885a, 106-108 (intratracheal injections).—Perronc., 1882a, 369; 1899, 278-279.—Piot, 1906a, 588.—Poulton, 1892a, 288.—Rail., 1893a, 430.—Rail. & Henry, 1907, 752 (so. *Dictyocaulus viviparus*).—Richters, 1913, in 251-272.—Sa, 1916, RVZ, v. 6, 387-389.—Saunders, 1914, v. 14, 132, 136.—Schiebel, 1907, 673-678, figs. (treatment; 1908, v. 59, 367-368; 1909, v. 1 (13), 296-297.—Schmitt, 1905a, 942-945 (in cattle).—Schneidem., 1896a, 315-316 (mikrurus).—Schneid., 1866a, 143.—Stalker, 1885, 33-34; 1886, 22-23.—Stiles & Hass., 1894e, 344 (in B. t., *Rangifer tarandus*).—Stødter, 1901a, 14, 15, 16, 75.—Stoss., 1899d, 71 (17) (in B. t., E. c., E. a., C. d.).—Stroese, 1892a, 49-52, pls. 1-4; 1892b, 233-260, pls. 5-7; 1892, 1-32, 3 pl.—Sucht, —?, 231.—Sumner, 1832, v.

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mikrurus Schneidem., 1896a, 315 (for *micrurus*).

minor Kuhn, 1829a, 150-153 (in *Delphinus phocæna*; by Kuhn); —, v. 19, 139; 1829b, 363-365, 367, pl. 17 figs. 10-13 (in D. p.).—Baird, 1853a, 31 (so. *Stenurus inflexus*).—Ben., 1870a, 364.—Cat. RCSL, 1830, 41 (in porpesse).—Dies., 1851a, 324 (to *Prosthecosacter*).—Duj., 1845a, 266 (so. *Stenurus inflexus*).—Mol., 1861a, 600 (176) (to Pr.).—Quekett, 1841a, v. 8, 152.—Raspail, 1830, v. 2, 244, pls. 7, 8, figs. 1-5, 9-11.—Rayer, 1843b, 32 (in D. p.).—Schneid., 1866a, 174 (to *Pseudalius*).—Stoss., 1898, 85; 1899d, 63 (to Ps.).

minusculus Neum. [n. v.].—Dolley, 1894a, 1012 (so. *tenuissimus*) (in *Equus cab.*).

minutissimus Mégn., 1878f, 636-639, pl. 1 figs. 1, 2, pl. 2 figs. 1-3 (in lungs, fat tailed sheep; Africa); 1878m, 1174; 1882, 298 (in sheep; A.).—Cobbold, 1879b, 346.—Curtice, 1890c, 17.—Hall, 1916a, 166 (so. *Synthetocaulus rufescens*).—Hut. & Mar., 1906a, 54; 1910b, 70; 1913b, 74.—Linst., 1896b, 17.—Muell., 1890c, 63.—Nev.-Lem. 1912a, 696.—Perronc., 1882a, 372.—Rail., 1884, 158 (in moutons; A.); 1888, 99, 100 (so. *rufescens*); 1893a, 427 (so. ruf.).—Sl. & Sw., 1912a, 519.—Ward, 1895a, 305 (so. ruf.), 337 (in O. a.).

[*minutissimo* Perronc. 1882a, 372 (see *minutissimus*).]

minutoides Par., 1907a, 1-2 (in intest. *Arvicanthys pulchellus*; Ibanda, Africa).—Hall, 1916a, 114, 147-148, figs. 197-198 (in A. p.; A.).

minutus Duj., 1845a, 118 (in *Arvicola subterraneus*, A. arvalis, *Mus sylvaticus*; Rennes).—Dies., 1851a, 313 (in Lemmus (*Arv.*) subterraneus; R.).—Hall, 1916a, 151 (to *Heligmosomum*).—Linst., 1882a, 2, pl. 1 fig. 1.—Par., 1907a, 2.—Stoss., 1899d, 76 (22) (in A. s., A. a., M. s., *Talpa europæa*).

molini Rail., 1898, 173 (*attenuatus* Mol., 1860, not Leidy, 1856, renamed) (in *pecari*).—Julien, 1898a, 87.—Stœdter, 1901a, 39.

monodon Linst., 1882a, 4-5, fig. 3 (in stomach wall, *Oidemia nigra*; by Linst.).—Skrj., 1916, 472.—Stoss., 1899d, 115 (61) (to *Sclerost.*).

monostichus (Dies., 1851) Schneid., 1866a, 132, 142 (in intest., *Tapirus americanus*; Brazil).—Stoss., 1899d, 96 (42) (to *Oesophagost.*).

mucronatus (Frœl., 1791) Baird, 1853a, 13-14 (s. *anseris*, *nodulosus*) (in *Anser cinereus* dom.).—Rail., 1896, 160.—Stoss., 1899d, 108 (54) (to *Sclerost.*).

mülleri Gœze, 1782a, 434 (quotes *Icones Zool. Dan.*, pl. 42 figs. 1-3).—Linst., 1909, 48, 60.—Zed., 1800a, 80.

muticus Mehl. in Crep., 1845a, 329 (in intest. *Cervus dama*; by Mehl.).

myoxi Rud., 1819a, 36 (in *Myoxus glis*; C. E. V.).—Dies., 1851a, 319-320 (in M. g.).—Duj., 1845a, 118.—Hall, 1916a, 153 (so. *Heligmosomum gracile*).—Mol., 1861a, 527 (103) (in M. g.).—Stoss., 1896, 124-125 (= *gracilis* Leuck.); 1898, 86; 1899d, 83 (29) (in M. g.; Europe).

myrmecophage-jubata M. C. V. in Mol., 1861a, 521 (97) (so. *inflatus*).

nanus Braun & Lûche, 1909a, 89 (in *Felis* dom.) (apparently for *pusillus* 1890 not 1803, see *abstrusus*); 1910a, 94.

neglectus Poeppel, 1897a, 15, 16, pl. 1 figs. 1-9 (in *Equus cab.*).—Fiebiger, 1912a, 280.—Hut. & Mar., 1906a, 404; 1910b, 508; 1913b, 509.—Looss, 1900c, 152, 154; 1901a, 48, 49 (so. *Sclerost. equinum*), 65, 76.—Veterinarius, v. 21, 170.—Reported for *Equus cab.*

nigrescens Olt, 1911, v. 27, 898.

nigricinctus Rail., 1898b, 173 (*anulatus* Mol., 1860 not Sieb., 1848 renamed) (in *Palamedea cornuta*).

[*nodulare* Perronc., 1882a, 375 (see *nodularis*).]

nodularis Rud., 1809a, 230-232 (*nodulosus* renamed, s. *anseris*, *Asc. mucronata*) (in *Anser*), 233; 1819a, 35, 264-265 (in *An. dom.*; Greifsw.).—Anacker, 1890i, 458.—Bail., 1866b, 71.—Cobbold, [1861e], 122, pl. 20 figs. 3-4; 1881, 185; 1874t, 790; 1879b, 447.—Crep., 1846a, 137, 142, 143, 144; 1849, 71, 72.—Dav., 1877a, cxviii.—Dies., 1851a, 310-311 (in *Anas anser* dom., A. a. fera, A.

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nodularis—continued.

albifrons. A. *segetum*, A. *clangula*, A. *fusca*, A. *marila*, A. *querquedula*, A. *penelope*, A. *leucops*, A. *crecca*, A. *fuligula*, A. *mollissima*, A. *nigra*, *Fulica atra*; M. C. V.).—1861a, 720 (s. *uncinatus*, *acutus*) (in A. *acuta*).—Duj., 1845a, 130–131 (in A. a., A. s., A. *strepera*).—Fiebiger, 1912a, 275, fig. 187.—Freese, 1908, v. 16, in 713–716; 1909, v. 32, 30; 1909, v. 34, 434–436; 1909, v. 44, 144–145; 1909, v. 14, 621.—Frœhner, 1915a, 251.—Hut. & Mar., 1906a, 407; 1910b, 481, 515; 1913b, 480.—Linst., 1876a, 3, 4 (in F. a.); 1909, 60–61, fig. 29 (in A. *crecca*, A. p., A. *acuta*, A. q., A. *anser anser*, A. *fabalis*, A. *albifrons*, F. a., *Nyroca marila*, N. *fuligula*, N. *clangula*).—Müell., 1897a, 12–13, pl. 2 fig. 3; 1904a, 120.—Nev.-Lem., 1912a, 752.—Par., 1894a, 234.—Olfers, 1816a, 60.—Rail., 1892, 197; 1893a, 447, figs. 307–308 (so. *anseris*).—Rail. & Henry, 1909b, 171 (so. *Amidost. anseris*).—Schneidem., 1896a, 319.—Schneid., 1866a, 131, 132, 143.—Stiles & Hass., 1894e, 344 (in *Somateria dresseri*).—Stœdter, 1901a, 61, 62, 67, 95 (in *Anser anser*, *Anas dom.*).—Stoss., 1891, v. 13, 109; 1899d, 108 (54) (so. *Sclerost. mucronatum*).—Verrill, 1870, 180.—Wedl, 1855, v. 17, 310; 1856, v. 19, 46, pl. 2 fig. 22.—Also reported for *Anser cinereus*, A. c. *dom.*, *Chloephaga poliocephala*, *Fuligula cristata*, F. *marila*, *Gallinula chloropus*.

nodulosus Rud., 1803a, 18–19 (includes *anseris*); 1809a, 230 (so. *nodularis*).—Dies., 1851a, 310–311 (so. *nod.*).—Duj., 1845a, 130 (so. *nod.*).—Linst., 1882a, 4, pl. 1 fig. 4.—Rail., 1893a, 447 (so. *nod.*).—Stoss., 1899d, 108 (54) (so. *Sclerost. mucronatum*).

onchophorus Nev.-Lem., 1912a, 717 (for *oncophorus*).

oncophorus Rail., 1898b, 173 (ir *bœuf*); 1898, 254 (in *vache*; France); 1900, 104 (s. *ventricosus* of Schneid., 1866a, under *radiatus* Rud.).—Hut. & Mar., 1910b, 477; 1913b, 475.—Ihle, 1917, 169.—Nev.-Lem., 1912a, 717 (*onchophorus*).—Rans., 1911a, 77 (to *Cooperia*).—Schnyder, 1906, 14, 26, 27, 33, 35, 36, 44, 58, 60, 75, pl. 3 figs. 6, 7, 8 (*Bos taurus*); 1906, 169, 181, 182, 183, 190, 191, 199, 246, 247, 249, 264, pl. 3 figs. 6–8; 1907, 708.—Stœdter, 1901a, 5, 63, 64, 65, 66, 67, 68, 69, 70, 71, 86, 91.

orispinus Mol., 1861a, 522–524 (98–100), pl. 5, fig. 9 (s. *anseris*, *nodulosus*, *nodularis*, *Asc. mucronata*) (in *Anas anser dom.*, A. *anser fera*, A. *albifrons*, A. *segetum*, A. *clangula*, A. *fusca*, A. *nigra*, A. *penelope*, A. *leucops*, A. *crecca*, A. *fuligula*, A. *mollissima*, *Fulica atra*; M. C. V.).—Rail., 1893a, 447 (so. *nodularis*).—Stoss., 1899d, 108 (so. *Sclerost. mucronatum*) (*crispinus*).

ormatus Olfers, 1816a, 58 (misprint for *armatus*).

ostertagi Stiles, 1892e (f), 147–148 (7–8) figs. a–b (*convolutus* Ostertag, 1890, renamed) (in *cattle*, *sheep*; Germany and U. S. A.); Alexeieff, 1913, 549.—Braun & Luehe, 1909a, 151; 1910a, 165.—Cagny & Gobert, 1904, 696.—Campb. & Lacr., 1907, 73–74 (treatment).—Christiansen, 1916, 147, 148, 152, 154, 1 fig.—Edelm., 1915, 109.—Fiebiger, 1912a, 272.—Gardener, 1911, JSEAC., 484 (in *cattle*; Europe, U. S., N. Zealand).—Gilruth, 1906, 306.—Hut. & Mar., 1910a, 475, 477; 1913b, 475.—Ihle, 1917, 169.—Julien, 1898, 87, 88.—McFadyean, 1898c, 254–257 (in *Ovis aries*).—Moras, 1907, v. 41, 181–187 (*calves*); 1909, v. 20 (6), 582.—Nev.-Lem., 1912a, 713.—Rail., 1892, 197; 1893a, 443, fig. 303; 1898, 254 (in *sheep*; France).—Rans., 1907, 2; 1911a, 56 (to *Ostertagia*).—Schnyder, 1906, 15, 26–41, 43, 44, 46, 49, 50, 51, 52, 53, 55, 56, 57, 58, 59, 60, 62, 63, 64, 65, 68, 69, 70, 72, 74, 75, 76; 1906, 181–192, 194, 195, 196, 198, 199, 201, 204, 205, 206, 207, 245–249, 251, 252, 253, 254, 257, 258, 259, 261, 263, 264, pl. 2 fig. 4, pl. 6 figs. 13, 14; 1907, 708.—Stadelm., 1893, 219; 1894a, 142, 143, 144, 145, 146.—Stœdter, 1901a, 5, 14, 15, 18, 35, 36, 37, 38, 39, 40, 44, 45, 46, 47, 48, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 71, 75, 76, 77, 84, 90, 95.—Stiles & Hass., 1894e, 344 (in *Bos taurus*, O. a.).—Stoss., 1899d, 86 (32) (in B. t., O. a.).—Stroh, 1905d, 163–166 (in *Reh*); 1905e, 225–226; 1905f, 409–410.—Vaull., 1901, 126, 133–134.—Ward, 1895a, 335 (in B. t.), 337 (in O. a.).

otolienii Ben., 1890a, 389–393 1 pl. figs. 1–7 (in *Otolienus peli*).

ovatus Linst. in Smidt, 1906a, v. 41 (6), 646–651, figs. 1–4 (in *Hylobates syndactylus*, H. *agilis*; Palembang, Sumatra).—Smidt, 1906b, 672.

ovinus Gmel., 1790a, 3044 (in *Ovis aries*) and Fabr., 1794, 5–12, pl. 1 figs. 1a–1c, 2a–2c (in *Ovis aries*; Praest, Hbroe, Tylland).—Bail., 1866b, 67 (so. *contortus*).—Bennet & Olivier, 1826a, 29 (in *sneep*).—Dies., 1851a, 301 (so. *Doch. hypostomus*).—Duj., 1845a, 123 (so. c.).—Mol., 1861a, 467 (43) (so. *Monodontus wedlii*).—Perronc., 1901a, 429 (s. c.).—Nev.-Lem., 1912a, 726.—Rail., 1893a,

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439 (so. c.), 463, 464 (so. Sclerost. hypost.); 1909, 168–171 (to Chabertia).—Rans., 1911a, 35 (to Chabertia) (in sheep; Europe).—Rud., 1803, 16 (so. c.), 18; 1809a, 216 (so. c.).—Stedter, 1901a, 6, 7, 8 (so. hypost.); 1902 (in O. a.).—Stoss., 1899d, 102 (48) (so. Scl. ovinum).—Vaull., 1901, 133.—Ward, 1895a, 306 (so. c.), 335 (in *Bos taurus*), 337 (in O. a.).—Zed., 1803a, 93 (in Ovis).

ovis pulmonalis (Dies., 1851) Curtice, 1890c, 16, 17 (to *Pseudalius*), 20, 22, 185, 186–200, 201, 204, pls. 29–33 (in sheep).—[Bewley, 1887, v. 8, 271.]—Gilruth, 1901a, 26; 1903c, 313–315.—Hall, 1916a, 166 (so. *Synthetocaulus rufescens*).—Hut. & Mar., 1913b, 74.—M'Fadyen, 1894a, 31–42.—Nev.-Lem., 1912a, 696.—Rail., 1893a, 427 (so. *rufescens*).—Schlegel, 1899, 141, 142.—Stiles & Hass., 1894e, 344 (in *Ovis aries*).—Ward, 1895a, 305 (so. *ruf.*), 337 (in O. a.).

ovis pulmonaris Gilruth, 1903c, 313 (for *o. pulmonalis*).

pallasi Stoss., 1899d, 89 (35) (in *Beluga leucas*) (for *pallasi*).

pallasi Ben., 1870a, 366 (in ear, *Beluga leucas*; by Pall.).—Cobbold, 1879b, 427.—Stoss., 1899d, 89 (*pallasi*) (in B. I.; Spitzbergen).

papillatus Linst., 1882a, 3–4, fig. 2 (in intest., *Ovis tarda*; Hameln).—Stoss., 1899d, 82 (28) (in O. t.).—Wolffh., 1900, 10, 52.

papillosus Rud., 1802a, 42–43 (in *Corvus caryocatactes*; by Rud.); 1809a, 35, 214–215, 240, pl. 3 fig. 11, 12 (in C. c., *Colymbus septentrionalis*, C. minor); 1810a, 256; 1814, 94; 1819a, 31, 261–262 (in C. c.).—Dies., 1851a, 325 (pars so. *Eustr. tubifex*), 326 (pars so. *Eustr. papillosus*).—Duj., 1845a, 129 (so. *tubifex*) (in *Caryocatactes*; Greifsw.).—Giebel, 1857a, 269.—Jægers., 1909, v. 2 (3), 5, 10 (pars so. *Eustr. tubifex*, E. elegans), 17 (to *Eustrongylides*).—Lam., 1816, 204.—Linst., 1899c, 156 (to *Hystrichis*).—Lundahl, 1848a, 286.—Nordm., 1840a, 650.—Oken, 1815a, 195 (in *Corvus caryocatactes*, *Colymbus septentrionalis*, C. minor).—Olfers, 1816a, 58.—Schneid., 1866a, 49, 126, 127 (to *Eustr.*).—Zed., 1803a, 92 (in C. c.).—Also reported for *Anas*, *Coracias garrula*.

papillosus Jægers., 1909, v. 2 (3), 10 (for *papillosus*).

[*paradosso* Perronc., 1882a, 370, see *paradoxus*.]

paradoxis Francis, 1894a, 452 (misprint for *paradoxus*).

paradoxus Mehl., 1831a, 84 (in Schweine).—Anacker, 1892m, 584.—Bail., 1866b, 68, 169–170 (s. *elongatus* and *suis*).—Baird, 1853a, 13.—Barber, 1916, 33–34 (in pigs; Guam).—Bitting, 1896a, 168.—R. Bl., 1887e, 167; 1895, 755 (s. *apri*).—Block, 1891a, 277; 1892, v. 3, 524 (in swine).—Blumberg, 1884a, 154 (in Schweine; Kasan).—Braun, 1883a, 171; 1895b, 237; 1903a, 292; 1908a, 325; 1915a, 344.—Braun, J., 1910, 1–38.—B. G., 1904, v. 46, 401 (in *Sus scrofa*); 1906, v. 49, 355.—Brown, 1897a, 20, 23.—Brumpt, 1910a, 471; 1913a, 533.—Cagny & Gobert, 1904, 696, fig. 1661.—Campb. & Lacr., 1907, 73.—Cast. & Chalm., 1910a, 430.—Chatin, 1881i, 58–59; 1888b, 483–491 (in *Homo*); 1888c, 96–97; 1888d, 187.—Chaufsat, 1849.—Cobbold, [1861e], 121; 1873c, 123; 1876f, 7; 1879b, 412.—Curtice, 1890c, 185.—Czako, 1886, 87.—Dav., 1877a, cxvii, 23, 27, 28, 35, fig. 64.—DZT v P, 1889, v. 15, 294.—Dewitz, 1892b, 146, 164–165, 167, 168, 170, figs. 125, 126.—Dies., 1851a, 317–318 (s. *Gord. pulmonalis apri*, *A. bronchiarum suis dom.*, *Fus. apri*, *Str. suis*, S. *elongatus*) (in *Sus scrofa dom.*; M. C. V.); 1861a, 722.—Dunl., 1893a, 1046.—Edelm., 1914a, 291.—Fiebiger, 1912a, 264.—Florida Health Notes, 1917, v. 12, 24.—Francis, 1894a, 452 (*paradoxis* (in bronchi of pig)).—Fröhner, 1915a, 738.—Geinitz, 1915, 618.—Galli-Val., 1898c, 8.—Gurlt, 1831a, 358, pl. 6, figs. 44–49.—Horstm., 1889a, 47–50 (development).—Hutcheon, 1891g, 16–17; 1897e, 135.—Hut. & Mar., 1906a, 54; 1910b, 69; 1913b, 74, 84, fig. 12 (in *Hirsch. Haus-u. Wildschwein*, Reh, Schaf).—Jægers., 1898a, 739.—Jensen, 1914, 36.—Kastenbaum, 1899, 249.—Kholodk., 1899a, 178.—Koch, 1883, 19, pl. 4; 1896a, 114–115 (in Schweine).—Lellin., 1897a, 196 (in liver, swine); 1897, CfB, v. 22, 619.—Leuck., 1863a, 749; 1868a, 403, 404, 405, 408; 1876a, 880; 1879b, 183; 1886d, 47, 143.—Linst., 1883a, 294; 1884, 132, pl. 8 fig. 13; 1886c, 19; 1896c, 17; 1903u, 269; 1906, 93; 1906, 390, 397, 398, 399.—Looss, 1892a, 64; 1901a, 56, 67; 1905c, 154 (case in man).—Malkmus, 1906, 603.—Martini, 1906a, 711; 1907, 38.—Mégn., 1877d, 61 (in wild boar).—Miram, 1840, 154.—Moniez, 1896a, 387–389.—Müchl., 1898b, 47.—Müell., 1890c, 68; 1901, 33–34; 1903a, 235–237 (frequency); 1903b, 243; 1904b(c), 113; 1905b, 54.—Nassonov (1899a), 61–86.—Nev.-Lem., 1902a, 105 (s. *apri*); 1908a, 457; 1912a, 686.—Nörner, 1881a, 4, fig. 6, a–b.—Olt, 1898a, 73–76 (in swine) (pathology).—Ostertag, 1890e, 17; 1899a, 425.—Packard, 1896a, 524.—Padrone,

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- 1904a, 493.—Par., 1894a, 233.—Poulton, 1880a, 33-35 (in S. s.).—Rail., 1890, 143; 1892, 31; 1893a, 432, fig. 290.—Rail. & Henry, 1907a, 751 (so. *Metastr. apri* and *M. brevivaginat*).—Robertson, 1905, 746.—v. Rzewuski, 1887a, 1-36, pls. 1-2 figs. 1-32.—Saunders, 1914, v. 14, 132, 136.—Schlegel, 1899, 144, 145, 150.—Schmidt, 1887a, 180-182.—Schneidemann, 1896, 314, 318-319.—Schneid., 1866a, 129, 144, 234, 251, pl. 9 fig. 13.—Slater, 1905a, 302-304 (in S. s.).—Sl. & Sw., 1912a, 324.—Smith, A. J., 1908, 267 (in S. s.; Iowa).—Spem., 1895a, 301-317, pls. 19-21 figs. 1-20 (development); 1895b, 945-946; 1895, v. 12, 228; 1896a, 207-208.—Stadelm., 1891, 155, 159, 163, 167, 169; 1894a, 145.—Stiles, 1907b, 50.—Stiles & Hass., 1894e, 344 (in S. s.).—Stödter, 1901a, 14, 17, 20, 35, 38, 44, 46.—Stoss., 1899d, 89-91 (35-37) (in *Homo, Ovis aries*, S. s.; Europe).—Verrill, 1870, 179, 241.—Veterinarian, Lond., 1876, v. 49 (583), 477-478 (in pig).—Wandolleck, 1892a, 123-148, pl. 9 figs. 1-30; 1892b, 1046-1047; 1892c, 791 (embryology).—Ward, 1895a, 331 (in H.); 337 (O. a.); 1903, 219 (so. *apri*).—Weichselbaum, 1898, 320.—Wheeler, 1891.—Willach, 1891, v. 17, 343.—Wucherer, 1869, 171.—Zool. Anz., 1895, 210.—Züern, 1882, 254, 264, 265.—Also reported for *Dicotyles torquatus*.
- paronai* Stoss., 1902c(d; e), 68-69 (8-9), pl. 3 fig. 16 pl. 4 fig. 17 (in *Amphibolurus muricatus*; Australia).—Rail. & Henry, 1914, 677 to *Het. (Strongyluris)*.
- patens* Duj., 1845a, 114-115 (in *Mustela vulg.*, *M. erminea*; Rennes).—Cobbold, 1879b, 299.—Dies., 1851a, 311 (in *M. v.*, *M. e.*; R.).—Kowal., 1902d, 6, 24 (in *Putorius foetidus*; Dublany); 1904, 10 [25].—Linst., 1877a, 6-7, pl. 1 figs. 9-10.—Mol., 1861a, 510 (86) (in *M. v.*, *M. e.*; R.).—Stoss., 1899d, 80 (26) (in *M. v.*, *M. e.*; R.).—Also reported for *Foetorius erminea*, *F. vulg.*
- pectinatus* Marotel, 1911, RgMv, 183 (in sheep) (nomen nudum except for host).
- [*perforante* Perronc., 1882a, 376 (=tubifex, papillosus).]
- pergracilis* Cobbold, 1873d, 13, 16-17, 20, figs. 2, a-h; 1873e, 165, 167-172, figs. a-h (in Grouse; Eng.); 1879b, 439, 440, fig. 73; 1881, 187.—Crisp, 1874a, 283-286.—Klein, 1892a.—Shipley, 1908d, 9, 10 (to *Trichostr.*); 1911, 207, 208.
- phyllostomatis* M. C. V. in Mol., 1861a, 533 (109) (so. *Histiostr. coronatus*) (in *Phyllost. discolor*; Brazil).
- pictus* Crep., 1849a, 64 (*Syngamus trachealis* renamed).—Dies., 1861a, 717 (so. *Sclerost. syngamus*).—Mol., 1861a, 566 (142) (so. *Sy. primitivus*).—Stoss., 1899d, 98 (44) (so. *Sy. t.*).
- pigmentatus* Linst., 1904f, 8, pl. 1 figs. 12-13 (in *Lepus nigricollis*; Ranna, S. Province, Colombo Mus.).—Hall, 1916a, 128 (to *Trichostr.*).
- pinguicola* (Verrill, 1870) Magal., 1894e, 297 to (*Sclerest.*).—Heliemans, 1911, CiB, v. 57, 212-239, figs. 1-8 (Java, Sumatra).—Hut. & Mar., 1913a, 1049.—Ward, 1895a, 308 (to *Scl.*).
- placei* Place, 1893, VR, v. 5, 589 (in *Bos taurus*).—Gardener, 1911, JSEAC, 483 (in cattle, sheep, goats; Europe, U. S., Asia, Africa, Australia, N. Zealand, S. A.).—M'Fadyean, 1896b, 315-316 (in cattle).—Nev.-Lem., 1912a, 716.—Rail. & Henry, 1909a, 87 (so. *Trichostr. axei*).—Rans., 1911a, 50 (so. *Hæmonchus contortus* (in calf).—Stödter, 1901a, 5, 83, 84 (in *Bos taurus*).
- [*polmonare* Perronc., 1882a, 372, see *pulmonaris*.]
- polygyrus* Duj., 1845a, 116-117 (in *Arvicola arvalis*, *Mus sylvaticus*; Ing., probably France (?Rennes)).—Blgr., 1915, P, 152.—Cobbold, 1876f, 6.—Dies., 1851a, 312 (in *Lemmus arvalis*, *M. s.*).—Hall, 1916a, 150, 153, 158, 159, 160, 161, 162 (so. *Heligmosomum costellatum*); 1916b, 519.—Leuck., 1868a, 402, 443, fig. 201.—Linst., 1878b, 235, 236, fig. 21; 1879a, 180, pl. 12 fig. 26; 1882a, 5, pl. 1 figs. 5-6.—Par., 1907a, 2.—Seur., 1915, 172, 173, 174.—Stoss., 1899d, 88 (34) (in *A. a.*, *A. subterranea*, *A. campestris*, *M. s. Myoxus nitela*; Rennes).—Wucherer, 1869, 171, 183.
- primitivus* (Mol., 1861) Hut. & Mar., 1910b, 82 (so. *Syngamus trachealis*).
- probolurus* Rail., 1896o, 540-542 (in intest. *Camelus dromedarius*; France).—Braun, 1908a, 327; 1915a, 346.—Brumpt, 1910a, 391; 1913a, 461.—Cast. & Chalm., 1910a, 432.—Looss, 1905o, 409, 412, 420, 422, pl. 2 figs. 9-11 (to *Trichostr.*).—Nev.-Lem., 1908a, 458; 1912a, 716.—Rans., 1907, 1; 1911a, 90 (to *Trichostr.*).—Sl. & Sw., 1912a, 327.
- pulmonalis* Ward, 1895a, 335 (in *Bos taurus*) (misprint for *pulmonaris*).—Craig, 1915, 503 (treatment).—Hut. & Mar., 1906a, 54; 1910b, 70.

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- pulmonalis apri* Jelkmann, 1895a, 1-32, figs. 1-23 (s. paradoxus) (in Schwein) (quotes Ebel); 1896a, 208-209.
- pulmonaris* Erc., 1859a, 317-318, figs. 65, g-f (in bronchi, *Bos taurus*; by Erc.).—Campb. & Lacr., 1907, 72.—Craig, 1915, 503 (treatment).—Gedölst, 1911a, 120 (in ox, sheep).—Par., 1894a, 233.—Perronc., 1882a, 372.—Rail., 1893a, 431.—Sl. & Sw., 1912a, 519.—Stoss., 1899d, 84-85 (30-31) (in *B. t. Ovis aries*; Canvase).—Vaull., 1901, 127.
- punctatus* Linst. in Schnyder, 1907d, 708-709 (s. sp. Schnyder, 1906, pl. 1 figs. 2-8) (in *Bos taurus*; Horgen, Switz.).—Rans., 1911a, 74 (to Cooperia).
- purpureus* Crep., 1849a, 69 (in *Larus fuscus* seu *flavipes*; by Jaekel).
- pusillus* Rud., 1803a, 19 (in *Lacerta agilis*; by Rud.); 1809a, 224, 247.
- pusillus* Müell., 1890c, 63-67, pl. 1 figs. 11-18 (in lung, *Felis catus* dom.: Munich).—Cagny & Gobert, 1904a, 696.—Fiebiger, 1912, 265.—Galli-Val., 1901c, 361 (in cat): 1908, 610 (in cat: Milan).—Hut. & Mar., 1906a, 54, 57, 60; 1910b, 70, 75, 78; 1913b, 75 (in *Hauskatze*).—Mazzarelli, 1903a, 297-302, 1 fig (in cat).—Nev.-Lem., 1912a, 700.—Rail., 1893a, 436; 1898, 173 (renamed *abstrusus*).—Sl. & Sw., 1912a, 519.—Stiles & Hass., 1894e, 344 (in *Felis* dom.).—Stoss., 1899d, 78 (24) (in *Felis* dom.).—Vaull., 1901, 127.
- quadridentatus* Sieb., 1851 (4), 45 (duodenale [q. v.] renamed).—R. Bl., 1888a, 744.—Braun, 1903a, 294; 1908a, 330; 1915a, 352.—Brumpt, 1910a, 365; 1913a, 428.—Cobbold, 1864b, 361; 1866, 5.—Dies., 1861a, 716.—Fagge & Pye-Smith, 1902a, 466.—Huber, 1896a, 597.—Hughes, 1896a, 167.—Küsch., 1855a, 298; 1857, 364.—Leuck., 1863a, 97; 1868a, 410, 419.—Looss, 1905a, 18.—Mol., 1861a, 486 (62).—Rail., 1893a, 465.—Simon, 1897, 226.—Sl. & Sw., 1912a, 332.—Stiles, 1902hh, 192; 1903k, 21.—Tyson, 1903a, 1193.—Ward, 1895a, 311, 331 (in *Homo*); 1903, 221.—White, 1867, 427.
- quadriradiatus* Stev., 1904c, 1-6, figs. 1-10 (in *Columba livia* dom.: Wash., D. C.).—Fröhner, 1915a, 251.—Gedölst, 1911a, 120 (in pigeon).—Nev.-Lem., 1912a, 718.—Shipley, 1909t, 65; 1911, 208.
- radiatus* Rud., 1803, ex parte, emend Schneid., 1866a, 139, non Gurlt (in *Bos taurus*).—Rail., 1900e, 106 (so. *Monodontus* sp.).
- radiatus* Rud., 1803a, 13-15 (in *Bos taurus*; by Rud.); 1805, 37; 1809a, 220-221, 245; 1819a, 33 (in *B. t.*: Greifsw.).—Bail., 1866b, 62, 68.—Cobbold, 1873c, 65; 1879b, 346.—Dav., 1877a, cxvi, 235.—Dies., 1851a, 309 (in *B. t.* dom.; Greifsw.).—Duj., 1845a, 125-126 (s. *venulosus* Rud., 1819, 33) (in *Antelope rupicapra*, *Cervus capreolus*, *C. elaphus*; Rennes).—Fiebiger, 1912a, 290.—Gurlt, 1831a, 362, pl. 7 figs. 35-39.—Linst., 1906, 92.—Looss, 1911, 328.—Mol., 1861a, 525-526 (101-102) (in *B. t.*: G.).—Olfers, 1816a, 60.—Rail., 1893a, 475 (to Unc.); 1900, v. 15, 85, 86, 87 (not trigonoc.), 90 (of Schneid.), 102, 103, 104, 105 (of Rud.) (to *Oesophagost.*), 106 (of Duj. pars (so. *Oes. venulosum*); 1902b, 108 (of Schneid., 1866, not Gurlt, 1831) (so. *Bunost. phlebotomus*).—Rans., 1911a, 31, 44, 46, 77 (to *Oes.*) (so. *Monodontus phlebotomus*, *Oes. venulosum*, *Cooperia oncophora*).—Schneidem., 1896, 316.—Schneid., 1866a, 128, 132, 137 (Rud.'s original specimens of trigonoc.), 139, 141 (so. *inflatus*), 142, 144 (pars so. *ventricosus*).—Seiler, 1902, 32.—Stødter, 1901a, 75 (of Schneid.) (so. *M. ph.*), 87 (pars of Duj.) (so. *Oes. venulosum*).—Stoss., 1899d, 124 (70) (to Unc.).—Verrill, 1870, 66, 131; 1870, 177, 242.—Ward, 1895a, 335 (in *B. t.*).—Züern, 1882, 263.
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- sagittatus* Müell., A., 1890c, 58-62, pl. 1 figs. 1-10 (in lungs, *Cervus elaphus*; Austria).—Fiebiger, 1912a, 263.—Hut. & Mar., 1910b, 70.—Rail. & Henry, 1907, 753 (to Synthet.)
- sedecimradiatus* Linst., 1899b, 19, fig. 77 (in *Cavia paca*; Ypanema, Brazil).—Hall, 1916a, 144, 145-146, fig. 192 (in *Cuniculus paca*; Brazil).—Trav., 1914, Bm, 326 (6) (*sedecinradiatus*).
- serratus* Linst., 1876a, 3-4, figs. 4-5 (in cecum, *Anser dom.*; Ing.).—Rail., 1893a, 448 (so. *tenuis*).—Stoss., 1899d, 87 (33) (so. t.).
- simia-belzebul* M. C. V. in Mol., 1861a, 475 (51) (so. *Diploodon quadridentatum*) (in *Mycetes coraya*; Cajaba).
- simia-capucina* M. C. V. in Mol. 1861a, 502 (78) (so. *torulosus*).
- simia-sabae* M. C. V. in Mol., 1861a, 450 (26) (so. *Oesophagost. pachyc.*).
- simplex* Leidy, 1856b, 54 (in intest., *Hystrix dorsata*; Ing. [U. S. A.]); 1904a, 100.—Dies., 1861a, 721 (in H. d.; Phila.).—Hall, 1916a, 144, 145 (in *Erethizon dorsatum*).—Mol., 1861a, 512 (88) (in H. d.).—Stiles & Hass., 1894e, 344 (in H. d.).—Stoss., 1899d, 130-131 (76-77) (in H. s.; Phila.).
- spathiger* Rail., 1896m, 490 (in intest., *Camelus dromedarius*; Alfort).—Hall, 1916a, 133 (to *Nematodirus*).—Rans., 1911a, 85 (to N.).
- species Brems., 1811a, 13, 25 (in *Ovis ammon*) (see *ammonis*).
- species Buxton, 1914, v. 70, 89-94, figs. 1-5 (in goat).
- species Dubler, 1892a, 78 (in panther; Zool. Gard., Switz.).
- species Harker, 1893, v. 6 (4), 94-97, figs. 1-5 (in abomasum, *Bos taurus*; Gloucestershire).—Gardener, 1911, JSEAC, 484 (in cattle; Europe, U. S., New Zealand) (so. *ostertagi*).—Rans., 1911a, 56 (so. *Ostertagia ostertagi*).—Stoedter, 1901a, 5, 72, 74, 91 (named *harkeri*) (in B. t.; Gloucestershire).
- species Jowett, 1910, v. 36 (1), 60-63, figs. 1-6, to (Sclerost.) (in ostrich).
- species Linst., 1883a, 295-296, fig. 31 (host unknown; Turkestan).
- species Linst., 1908, v. 13, 27 (in *Xerus capensis*; Africa).
- species Lutz, 1894a, 65 (in intest., *Mus [a rat]*; Brazil).—Hall, 1916a, 144, 145 (in *Epimys norvegicus*; B.).
- species Marotel, 1912, v. 19, 207-208.
- species (Morgan, 1868) Hall, 1916a, 109 (in *Castor fiber*; Mich. ?).
- species Müell., 1787a, 55 (refers to Goeze, 106, pl. 3 figs. 1-4 [*Asc. criniformis*]).
- species Nonévitch, 1913, [VOv, 15 Dec.] (Équidés).
- species Norris, 1904, v. 5, 48-57, 11 figs. (in cattle).
- species Par., 1894a, 233 (in *Canis fam.*; at Pisa, by *Civinini*).
- species Rail. in Julien, 1898a, 85 (so. *circumcinctus=cervicornis*) (in *Ovis aries*).
- species Rud., 1803a, 19-20 (in lungs, *Anguis fragilis*; by Rud.).
- species Schnyder, 1906, 27, 28, 31, 33, 38, 39, 40, 41, 44, 49, 56, 60, 70, 75, pl. 1 figs. 2-3 (in *Bos taurus*; Horgen); 1906, 181, pl. 1 figs. 2, 3 (in B. t.; Horgen), 191; 1907d, 708-709 (so. *punctatus*).—Rans., 1911a, 74.
- species Sieb., 1837a, 68 (in *Larus fuscus*; Coll. Sieb.).—Crep., 1851b, 289.—Rans., 1904a, 43 (so. *Syngamus lari*).
- species Stoedter, 1901a, 74, 91.
- species Trasbot, 1898a, 327-329.
- spiculatus* Cobbold, [1861e], 123, pl. 20 figs. 7-8 (s. *Asc. strongylina*) (in intest., *Tinamus sp.*; Lond. Zool. Gard.) (also in *T. tataupa*, *Pardix dentata*; Brazil, by Natterer); 1879b, 447 (in *Tinamus*; by Cobbold) (s. A. st.).
- spinulosus* Linst., 1879b, 331-332, pl. 5 fig. 17 to (? *Eucyathost.*) (in *Capra ibex*; Ing.).—Rans., 1911a, 40 ? to (*Eucy.*) (in C. i.).—Stoss., 1899d, 111 (57) (to *Sclerost.*).
- spirillum* Trav., 1917, 100 (in *Mus decumanus*).

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spirogyrus Leuck., 1867b, 137, 140 (in Waldmaus; Germany).—Hall, 1916a, 158, 160 (so. *Viannia polygyra*).—Linst., 1878a, 23 (in *Mus sylvaticus*).—Stoss., 1899d, 131 (77) (in M. S.).

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subventricosus Schneid., 1866a, 129, 145, 251 (in *Rana cornuta*; Brazil).—Stoss., 1899d, 131 (77) (in R. c.; B.).

suis Rud., 1809a, 246–247 (s. *Gord. pulmonalis apri*, *Asc. apri*, *A. filif. cauda rotundata*, *A. bronchiorum suis*) (in bronchis, *Aper*, *Sus* dom.); 1819a, 36, 266 (in S. d.; *Mus*, Venice).—Bail., 1866b, 68, 69 (cf. *elongatus* and *paradoxus*).—Bellingh., 1844a, 104.—Braun, 1903a, 292; 1908a, 325; 1915a, 344.—Brumpt, 1910a, 471; 1913a, 533.—Cast. & Chalm., 1910a, 430.—Chaussat, 1819, v. 4, 493.—Dies., 1851a, 317–318 (so. pa.).—Kreffft, 1871a, 212.—Linst., 1906, 93.—Rail., 1893a, 432 (so. pa.).—Schneid., 1866a, 144 (so. pa.).—Sl. & Sw., 1912a, 324, 401.—Stoss., 1899d, 90 (36) (so. pa.).—Ward, 1895a, 331 (in *Homo*), 337 (in *Ovis aries*); 1903, 219 (so. *apri*).

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- suis-tajassu* M. C. V. in Mol., 1861a, 469 (45) (so. *Monodontus semicircularis*).
- syngamus* Anacker, 1887c, 512 (*Syngamus trachealis* renamed); 1890i, 458.—Schneidem., 1896a, 319.
- tardæ* Rud., 1809a, 241-242 (in intest., *Otis tarda*; by Rud.); 1810a, 375; 1819a, 37 (in O. t.; Greifsw.).—Dies., 1851a, 320-321 (in O. t.; G.).—Duj., 1845a, 129.—Mol., 1861a, 528 (104) (in O. t.).—Stoss., 1899d, 131 (77) (in O. t.; G.).
- tenuis* Mehl. in Crep., 1846a, 133 (in cœcum. *Phasianus colchicus*; by Mehl.), 134 (in *Otis tarda*), 144 (in *Anser cinereus*).—Anacker, 1890i, 458.—Eberth, 1861a, 47-53, pl. 4 figs. 1-10 (in *Ans. cin.*, Hausgans; by Eberth); 1863a, 54, 64, 66, 70, 71.—Fiebiger, 1912a, 275.—Geddes, 1903a, 53.—Geinitz, 1915, 618.—Hut. & Mar., 1906a, 407; 1910b, 515; 1913b, 516 to (*Trichostr.*).—Kowal., 1902d, 25 (7) (in *Anser dom.*; *Dublaný*).—Linst., 1909, 61, fig. 30 (in *Anas boschas*, *Anser anser*).—Nev.-Lem., 1912a, 718.—Rail., 1892, 197; 1893a, 448, fig. 309 (s. *serratus*).—Schneidem., 1896a, 319.—Shipley, 1911, 209 (of Eberth, is a *Trichostr.*).—Stoss., 1899d, 87 (33) (in *Anser dom.*, *Anas dom.*, *Gallus dom.*, *Perdix cinerea*; France, Würzburg).
- tenuissimus* Mazzanti, 1891b, 187-188 (in horse; by Mazzanti).—Dolley, 1894a, 1012 (s. *minusculus*).—Fiebiger, 1912a, 274.—Hut. & Mar., 1906a, 378; 1910b, 474; 1913b, 472.—Neum., 1892, 346.—Nev.-Lem., 1912a, 716.—Rail. & Henry, 1909a, 87 (so. *Trichostr. retortæf.*).—Sl. & Sw., 1912a, 376, 377.—Stœdter, 1901a, 61 (in *Equus cab.*), 94.—Stoss., 1899d, 77 (23) (so. *axei*).—Ward, 1895a, 340 (so. *ax.*) (in E. c.).
- tetracanthus* Mehl., 1831a, 79 (in *Equus cab.*; Germany).—Adams, 1876, 764; 1887, 315, 319, 320.—Am. Vet. Rev., N. Y., 1898, v. 22, 336-337 (perforation).—Baird, 1853a, 13.—Bochberg, 1909, 272, 273.—Butler, 1890a, 483-491 (in E. c.); 1890b, 276-285.—Cobbold, 1873c, 111; 1874n, 218; 1874p, 405, 410; 1875e, 237-246 (in E. c.); 1876c, 839 (in mule; Port Louis); 1876f, 6; 1876t, 756; 1878b, 85; 1879b, 362, 374, 376, figs. 63-64; 1879h, 761-776; 1886d, in 284-293, pl. 36, figs. 10-14; 1887a, 211-212.—Davis, 1916, VN, v. 13, 125-126.—Deupser, 1894a, 20.—Dies., 1851a, 305 (to *Sclerost.*).—Ditewig, 1895a, 261-267.—Dunstan, 1897a, 429-434, 434-436; 1897, Vet., v. 70, 666-675.—Erc., 1875e, 35.—Frœhner, 1915a, 244.—Gurlt, 1831a, 355-356, pl. 6 figs. 23-32.—Hut. & Mar., 1906a, 405; 1910b, 509; 1913b, 509.—King, 1894a, 175-176 (in horse); 1917, VR, v. 29, 397-399; 1917, VN, v. 14, 137-139.—Küech., 1855a, 298, 300; 1857, 384, 385.—Leiper, 1917, VN, v. 14, 138.—Leuck., 1868a, 414 to (*ScL.*); 1879a, 15; 1886d, 11.—Linst., 1904, 9 (to *Cylichnost.*).—Looss, 1900c, 151, 152, 153; 1901a, 31, 32, 35, 38, 47, 49, 86, 87, 88, 99, 100, 100, 101, 117, 118, 119, 120, 121, 122, 123.—Mol., 1861a, 454 (30) (to *Cyathost.*).—Muell., 1849a, 185-188.—Nighbert, 1899a, 773 (fatal).—Pauer, 1896a, 103; 1896b, 656.—Peele, 1902a, 100; 1902b, 182-183.—Penberthy, 1894a, 175-177.—Rail., 1893a, 461 (to *ScL.*).—Savournin, 1889a, 831-835.—Schneidem., 1896a, 315.—Schneid., 1866a, 18, 127, 128, 131, 132, 134, 196, 218, 313, pl. 8 figs. 7, 8, pl. 16 figs. 4, 13.—Shipley, A. 1896a (1901b), 163.—Shipley, W., 1896a, 64-68.—Sieb., 1839, 159.—Sloccock, 1886a, 326-327.—Stadelm., 1891, 166.—Stoss., 1899d, 111 (57) (to *ScL.*); 1902, 13.—Veterinarian, Lond., 1874, v. 47, 314; 1901a, 638-639.—Ward, 1895a, 340 (in E. c.).—Wedl, 1850, 23.—Wilkie, 1896a, 18-21; 1901a, 638-639 (treatment).—Wooldridge, 1916, V News, v. 13, 125, 126 (treatment).—Züern, 1882, 261.
- tetragonocephalus* Rud., 1809a, 232-234 (*Unc. vulpis* renamed) (in intest., *Canis vulpes*; Germany); 1819a, 35 (in C. v.; Europe), 265-266.—Bellingh., 1844a, 104.—Dies., 1851a, 300 (so. *Doch. trigonoc.*).—Duj., 1845a, 277 (so. D. t.).—Fischer, 1840a, 154.—Looss, 1902c, 422, 423 (as doubtful so. *Unc. vulpis*).—Mol., 1861a, 476 (52), 491 (67), (so. D. t.).—Olliers, 1816a, 60.—Par. & Grassi, 1877b, 193 (so. D. t.).—Rail., 1893a, 470 (so. *Unc. trigonoc.*); 1900d, 87 (so. *U. vulpis*) (Treutler's specimens from colon of fox reexamined by Rail., who identified them as *Unc. stenoc.*), 89, 90, 93 (of Rud. unidentified, of Treutler=*Unc. s.*).—Schneid., 1866a, 137 (so. *trigonoc.*), 138.—Stoss., 1898, 87; 1899d, 121 (so. U. s.).—Ward, 1895a, 343 (so. *Unc. trigonoc.*) (in *Canis* fam.).
- tigridis* Rud., 1809a, 194, 243 (in *Tigris*; by Duhalde); 1819a, 28.—Mol., 1860b, 974 (to *Spiropt.*).

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- tipula* Ben., 1873b, 11 13, pl. 2 (in *Vespertilio daubentonii*, *V. murinus*, *V. noctula*; Belgium); 1873c, 310-312.—R. Bl., 1891t, 485.—Cobbold, 1879b, 294.—Linst., 1909, 61, fig. 31 (in *V. d.*, *V. dasyncema*).—Stoss., 1899d, 83 (29) (in *V. dasy.*, *V. daub.*, *V. m.*, *V. n.*; B.).
- tornulosus* Mol., 1861a, 502-503 (78-79), pl. 4 figs. 1-2 (in *Cebus capucinus*; M. C. V.).—Smidt, 1906, 650.—Stoss., 1899d, 78-79 (24-25) (in C. c.).
- trachealis* (Sieb., 1836) Nathusius, 1837a, 60-65 (in *Ciconia nigra*).—Baird, 1853a, 3 (to *Syngamus*).—Bellingh., 1844a, 104; 1875, 175.—Ben., 1868a, 296.—Crep., 1846a, 131; 1849a, 64.—Dies., 1851a, 302 (of Bellingh.) (so. *Sclerost. syngamus*). 303 (of Nathusius, to *Scl.*); 1861a, 717 (so. *S. s.*).—Duj., 1845a, 261 (to *Syn.*).—Fischer, 1840a, 154 (s. *Dist. lineare*).—Hass., 1896a, 6 (to *Syn.*); 1896b, 2 (to *Syn.*).—Hut. & Mar., 1910b, 82.—Leuck., 1863a, 100.—Nev.-Lem., 1912a, 745.—Rail., 1893a, 453 (to *Syn.*).—Sieb., 1850, 653.—Stoss., 1899d, 98 (44) (to *Syn.*).—Also reported for *Corvus cornix*.
- [*tracheale* Perronc., 1882a, 372, see *trachealis*.]
- trifurcatus* [(? Rans., 1907)] Marotel, 1911, RgM, 183 (in sheep) (nomen nudum except for habitat).
- [*trigonocephalo* Perronc., 1882a, 365, see *trigonocephalus*.]
- trigonocephalus* Rud., 1805a, 36¹ *trigonophalus*, nomen nudum (Crinons dans l'estomac du chien); 1808a, pl. 2 figs. 5-6; 1809a, 50, 231-232, 242; pl. 2 figs. 5-6 (in *Canis* fam. [*Ovis aries*]; Alfort Mus.); 1819a, 35, 265.—Bail., (1854a), 72; 1866b, 70 (not *Doch. trig. Duj.*).—Bellingh., 1844a, 104.—Dies., 1840, 222; 1851a, 300 (to *Doch.*).—Dewitz, 1892b, 74.—Duj., 1845a, 277 (to *D.*), 278 (in *renard*; Mus. Wien).—Erc., (1852a); 1854a.—Fiebiger, 1912a, 288.—Fröhner, 1915a, 927.—Gurlt, 1831a, 60, 156, 299, 312, 363, pl. 7 figs. 29-34.—von Ihering, 1902a, 47 (in *Canis*).—Knoch, 1862e, 105.—Leuck., 1868a, 401, fig. 228.—Linst., 1906, 93.—Looss, 1902c, 422, 423 (? so. *Unc. vulpis*).—Mol., 1861a, 476 (52), 491 (67) (to *Doch.*).—Müch., 1898b, 9.—Müell., 1897a, 11-12, pl. 2 fig. 2.—Olfers, 1816a, 60.—Par. & Grassi, 1877b, 194.—Perronc., 1882a, 365.—Rail., 1893a, 470 (to *Unc.*); 1900, v. 15, 84-87 (Rud.'s specimens are *cernuus* Crep.), 89, 105, 106 (to *Monodontus*); 1902b, 110.—Rans., 1911a, 28 (to *M.*).—Rep. d. Thierheilk., Stuttgart, 1845, v. 6, 266 (in *Canis* fam.).—Schneid., 1866a, 126, 128, 136-137, 1 fig. (so. *tetragonoc.*), 138, 293, 294, 307, 310, 314.—Stoss., 1898, 87; 1899d, 121 (67) (to *Unc.*).—Vogt, 1878, 57.—Wallenstedt, 1847, 8.—Ward, 1895a, 343 (in C. f.).—Züern, 1882, 262.
- trigonocephalus* Rud. of Gurlt, 1831 (of dog).—Rail., 1900, v. 15, 88 (reexamined specimens=*Unc. stenoc.*, 89 of Erc., 1859=*stenoc.*, 90, 91, 93 of Schneider from dog).
- trigonocephalus* Rud. from *Sus scrofa*. Mus. Berl., 993; see Rail., 1902, 109-110 (so. *Characost. longemucronatum*).
- trigonocephalus* Rud., 1805, 36 (nomen nudum, see *trigonoc.*) (Crinons dans l'estomac du chien).
- truncatus* Nitzsch. in Gieb., 1857a, 269 (in colon. Rehbock; probably Germany).—Müch., 1898a, 47.—Stoss., 1899d, 131 (77) (in *Cervus capreolus*; Prussia).
- tubaciformis* Sons., 1889g, 282 (misprint for *tubæformis*).
- tubæformis* Zed., 1800a, 73-74, 75 (in *Felis* dom.; Europe); 1803a, 91, pl. 2 figs. 4-5 (in *F.*).—Bail., 1866b, 59 (to *Doch.*).—Cobbold, 1876, 298, pl. 21 fig. 20.—Crep., 1847a, 290 (*tubiformis*).—Dies., 1851a, 299 (to *D.*).—Duj., 1845a, 279 (to *D.*).—Gurlt, 1831a, 363-364; 1847a, 74-76, pl. 1 figs. 3-7.—Leidy, 1909, June 5, 1832 (1).—Leisering, [1871a], 20-27 (in tiger); 1871b, 33-34; 1872a, 518-521 (to *D.*).—Linst., 1879a, 189-181, pl. 12 figs. 27-28 (in *Königstiger*) (see *perniciosum*).—Looss, 1902c, 423.—Mol., 1861a, 476 (52).—Olfers, 1816a, 60.—Rail., 1886, 360; 1900, v. 15, 84 (possibly *stenoc.*), 88, 89 (in panther) (of Gurlt, 1847, possibly *perniciosa*), 90, 91, 93 (of Zed., unidentifiable), 94 (of Linst. and Leisering) (so. *Unc. pern.*) (in *F. tigris*).—Rud., 1809a, 236-237 (in *F. catus*); 1819a, 36.—Schneid., 1866a, 126, 128, 131, 140, 1 fig., pl. 9 fig. 5.—Sons., 1889g, 282 (to *Docmus*).—Stiles & Hass., 1894e, 344 (lapsus for *Str. retortæformis* in *Lepus sylvaticus*; D. C.).—Stoss., 1899d, 119 (65) (so. *Unc. pern.*), 120 (66) (to *Unc.*).—Also reported for *Felis concolor*, *F. dom.*, *F. leo*, *F. mellivora*, *F. onca*, *F. pardus*, *F. tigrina*, *F. viverrina*.

¹ Either a confusion must have occurred in the labels, or the dog must have eaten sheep entrails containing this parasite. Later references to *trigonoc.* in the dog refer usually either to *Ancylost. caninum* or to *Unc. vulpis*.

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tubifex Nitzsch in Rud., 1819a, 31–32 (in *Anas dom.*, *A. crecca*, *Colymbus arcticus*, *C. septentrionalis*, *C. cristatus*, *C. minor*, *Mergus merganser*, *M. albellus*, *M. serrator*, *Pelecanus carbo*, *P. pygmaeus*, 262–263 [Europe], 601.—Bail., 1866b, 71.—Bellingh., 1844a, 103.—Brems., 1824c, pl. 3 figs. 16–23.—Chaussat, 1850, CrSB, v. 1, 92–93.—Cobbold, [1861e], 122, pl. 20 figs. 1–2; 1879b, 447.—Cohn, 1902k, 47.—Crep., 1846, 145.—Dies., 1851a, 325–326 (to *Eustr.*);—Duj., 1845a, 129–130 (s. *papillosus*, *mergorum*, *anatis*, *elegans* (in *Anas cr.*, *A. acuta*, *A. clypeata*, *Carbo cormoranus*, *C. pygmaeus*, *Colymbus arc.*, *C. sept.*, *Mergus merganser*, *M. ser.*, *M. alb.*, *Podiceps cristatus*; Greifsw., Mus. Wien).—Fiebiger, 1912a, 259.—Gieb., 1857a, 269.—Jägers., 1909, v. 2 (3), 24, 28 (so. *Eustrongylides excisus*, *Hystrichis tricolor*; 1909, v. 2 (3), 2, 5, 10 (to *Eustrongylides*) (so. *E. elegans*)).—Lundahl, 1848a, 285.—Rail., 1893a, 423 (so. *Hys. elegans*);—Schneid., 1866a, 50, 126.—Stoss., 1899d, 59 (5) (so. *Hys. e.*);—Streckeisen, 1840, v. 4, 42.—Also reported for *Alca torda*, *Anas boschas dom.*, *Chloephaga poliocephala*.

tubifex tantali M. C. V. in Mol., 1861a, 609 (185). (so. *Hystrichis acanthocephalicus*) (in *Ibis nudifrons*; Brazil).

tubiformis (Crep., 1847a, 290 (for *tubæi*)) (in intest., *Felis leopardus*; by Gurlt).

[*tubiforme* Perronc., 1882a, 368, see *tubæformis*.]

uncinatus Lundahl, 1848a, 283–284 (in stomach wall, *Anser albifrons*, *Anas penelope*, *A. acuta*, *Fuligula nigra*; by Lundahl), 286, 287 (in *Anser a.*, *Anas pen.*, *A. a.*, *A. n.*);—Crep., 1849, 70.—Dies., 1861a, 720 (so. *nodularis*), 722 (in *A. a.*, *A. pen.*, *A. acuta*, *A. nigra*; Helsingfors).—Linst., 1909, 61 (in *A. a.*, *A. pen.*, *A. a.*);—Mol., 1861a, 520–522 (97–98) (in *A. a.*, *A. pen.*, *A. a.*, *F. n.*; Helsingfors).—Stoss., 1899d, 86 (32) (in *A. a.*, *A. a.*, *F. n.*, *Mareca penelope*; Helsingfors).

undularis (Rud.) (Gieb., 1857a, 269 (in *Anas fuligula*, *A. segetum*) [for *nodularis*?]).

ursi (Gmel., 1790) Rud., 1809a, 242 (s. *Tenia ursi*, *Cystic. ursi*) (in *Ursus*; teste Redi); 1819a, 28.—Dies., 1851a, 331 (to *Nematoideum*).

ursi-maritimi Mus. Wien in Duj., 1845a, 277 (so. *Doch. ursi*).

vagans Eschr., 1841i (g), 345–346 (33–34) (in trachea, sinuses of head, blood vessels, of porpoise; Europe); 1841h, 231.—Dies., 1851a, 324 (so. *Prosthecosacter minor*);—Mol., 1861a, 600 (176) (so. *P. m.*).

vanelli Schrank, 1790a, 122 (in *Tringa vanellus*); 1803, 206.—Rud., 1809a, 239 (in *T. v.*); 1819a, 29 (to *Spiropt.*).

variegatus Crep., 1849a, 64 (trachealis of *Nathusius* renamed), 67.—Dies., 1861a, 717 (so. *Sclerost. tracheale*);—Rail., 1898, 402.

vasorum Bail., [1854a, 72; (1862d), 49–58 (in *Canis fam.*); 1866b, 69–70 (in heart and pulmonary vessels, dog; by M. Serres).—R. Bl., 1895a, 108–119, 191–192, figs. 8–10.—Cagny & Gobert, 1904a, 696.—Campb. & Lacr., 1907, 75.—Carougeau & Marot, 1903, 447.—Capdebelle & Hussenet, 1911, Rv, v. 68, v. 36 (3), 144–147, fig. 1; 1911, AVR, 322–323.—Dav., 1877a, cxviii, 955.—Deflke, 1889a, 121 (s. *subulatus*);—Diamare, 1897a, 463.—Galli-Val., 1896b, 68–71, 91–95, 102–106.—Gazzarri, 1915, 262–264.—Guittard, 1899, v. 12 (5), 131–133.—Hut. & Mar., 1905a, 737, 870; 1906a, 54, 57; 1910b, 70, 75, 78; 1913a, 935; 1913b, 75, 84, 713, to (*Hæmostr.*) (in *Haushunde*);—Isola, 1906, v. 17, 87 (in dog);—Laiosse, (1876a), 199.—Laulanie, 1882a, 48–52 (in dog) (pathology, tuberculous parasitaire); 1886a, 82, 83.—Marslen, 1898a, 425.—Martin, 1913, 127.—Mauri, 1889, 371; 1890a, 195–197 (in *C. f.*);—Mégn., 1882t, 298.—Mingazzini, 1900d, 155.—Nev.-Lem., 1912a, 701.—Nielly, 1882a, 404.—Perronc, 1882a, 367.—Rail., 1889, 131; 1893a, 437.—Rail. & Cadot, 1892, 482 (in *C. f.*); 1892h, 702–703; 1893a, 122–123.—Rail. & Drouin, 1897a, 570–571; 1897b, 474.—Rail. & Henry, 1907, 753 (type of *Hæmostr.*);—RT, 1878, v. 39, 139–140.—Rv, 1876.—Serres, 1854, 70 (in *C. f.*);—Sl. & Sw., 1912a, 381.—Sons., 1888, 38.—Stoss., 1899d, 68–69 (14–15) (in *C. f.*; Tor.).—Veterinarius, 1898, v. 21, 204–205.—Vogel in Guittard, 1899, DtW, 252.—Ward, 1895a, 343 (in *C. f.*).

vasorum canis Vogel (Rev. of Guittard, DtW, 1899, v. 7, 252 (see *vasorum*);—Fiebiger, 1912a, 265.—Capdebelle & Hussenet, 1911, v. 39 (3), 322–323.—Vogel in Guittard, 1899, DtW, 252 (in heart of dog).

vasorum kanis Schneidem., 1896a, 318 (for *vasorum canis*);

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- ventricosus* Rud., 1809a, 222–223 (in *Cervus elaphus*; by Rud.); 1819a, 33 (in *C. dama*; Mus. Wien).—Bail., 1866b, 62.—Bang, 1897a, 345.—Brändle, 1898a, 283–289.—Carità, 1887a, 60.—Cobbold, 1873c, 65; 1879b, 346; 1881, 185.—Curtice, 1890c, 17, 22, 118, 145, 146, 149, 202, pl. 20.—Dies., 1851a, 301 (of Rud. pars so. *Doch. hypost.*), 315 (in *C. e.*; Greifsw.).—Duj., 1845a, 124–125 (in *C. d.*; Mus. Wien).—Fiebiger, 1912a, 271.—Fröhner, 1915a, 251.—Giles, 1892d, 48, 49 (s. *curticei*).—Hut. & Mar., 1906a, 380, 407; 1910b, 477, 515; 1913b, 475.—Ihle, 1917, 169.—Julian, 1897e, 544.—Meyer, 1896b, 72.—McFadyean, 1897c, 56, 57 (in sheep; Eng.).—Mol., 1861a, 514 (91), pl. 4 fig. 8.—Olfers, 1816a, 60.—Rail., 1888, 219; 1890d, 518; 1890e, 38–44; 1892, 197; 1893a, 441; 1898, 173 (so. *curticei*), 174; 1900, May (of *Schneid.*) (=oncophorus), 104.—Rans., 1907, 3; 1911a, 14, 47, 98–99, 123 (in *C. e.*; Greifsw.); 1911a, 71, 73, 77, 99 (in part so. *Cooperia curticei*, *C. oncophora*).—Schneidem., 1896a, 316.—Schneid., 1866a, 129, 131, 132, 144–145, 251, pl. 8 fig. 16.—Schnyder, 1906, 10 (in *B. t.*); 1906, 165.—Sl. & Sw., 1912a, 380.—Spirig, 1898a, 197, 289–294.—Stewart, 1898, 325.—Stiles, 1902hh, 185.—Stiles & Hass., 1894e, 344 (in *B. t.*, *O. a.*).—Stødter, 1901a, 5, 17, 63, 64, 65, 67, 70, 80, 86, 90, 91.—Stoss., 1899d, 73 (17) (in *B. indicus*, *O. a.*; *G.*).—Ward, 1895a, 335, 337.—Züern, 1882, 265.
- [*venuloso* Perronc., 1882a, 366, see *venulosus*.]
- venulosus* Rud., 1809a, 221–222 (in *Capra hircus*; by Rud.); 1819a, 33 (in *C. h.*; Greifsw.).—Bail., 1866b, 62, 68.—Cobbold, 1879b, 346 (in goat).—Dav., 1877a, cxvi, 235.—Dies., 1851a, 309 (in *C. h.*; *G.*).—Duj., 1845a, 125 (so. *radiatus*).—Gurlt, 1831a, 362–363, pl. 7 figs. 47–51.—Hummel (1898a), 1–19.—Ihle, 1917, 168.—Meyer, 1896b, 72.—Mol., 1861a, 525 (101) (in *C. h.*; *G.*).—Olfers, 1816a, 60.—Rail., 1888, v. 6, 98–99; 1890d, 518; 1893a, 450 (to *Oesophagost.*); 1900, 102, 103, 104, 105, 106 (to *Oes.*).—Rans., 1911a, 46 (to *Oes.*).—Schneidem., 1896a, 318.—de Reck, 1832a, 526.—Schneid., 1866a, 129, 131, 141–142, 147, pl. 9 figs. 1, 10.—Seiler, 1902, 32, 33, 34.—Stødter, 1901a, 87, 90.—Stoss., 1899d, 95 (41) (to *Oes.*).—Verrill, 1870, 176.—Ward, 1895a, 337 (in *O. a.*).—Willach, 1891, v. 17, 342, 344 (in deer, goat, sheep).—Züern, 1882, 264.
- vicarius* Stadelm., 1893a, 220 (in *Ovis aries*; Germany); 1894a, 142.—Alexeieff, 1913, 549.—Fiebiger, 1912a, 273.—Hut. & Mar., 1906a, 379; 1910b, 475.—Ihle, 1917, 168.—Julien, 1898a, 87.—Rail., 1893a, 444.—Rans., 1911 (127), 59, 62 (so. *Ostertagia circumcincta*).—Sl. & Sw., 1912a, 378.—Stødter, 1901a, 5, 34, 37, 39, 40, 44, 45, 46, 48, 53, 54, 87, 90.—Stoss., 1899d, 87 (33) (in *O. a.*; Berl. & U. S. A.).—Ward, 1895a, 337 (in *O. a.*).
- viperæ* Rud., 1819a, 37 (in *Vipera redii*; *C. E. V.*).—Dies., 1851a, 298 (to *Diaphanoc.*).—Stoss., 1898, 87; 1899d, 104 (50) (to *Sclerost.*).
- viperæ-lanceolata* M. C. V. in Mol., 1861a, 549 (125) (so. *Kalic. bothropis*).
- vitrinus* (Looss, 1905) Sl. & Sw., 1912a, 519.
- vitulorum* Rud., 1809a, 245–246 (s. *Gord. viviparus*, *Asc. filif. cauda rotundata*, *A. vituli*) (in *Bos taurus*; Europe); 1819a, 37.—Dies., 1851a, 316 (so. *micrurus*).—Duj., 1845a, 126.—McCoart, 1880a, 62 (*vitutorum*) (so. *filaria*).—Oken, 1815a, 196.—Rail., 1893a, 430 (s. m.).—Stoss., 1899d, 71 (17) (so. m.).—Ward, 1895a, 335 (in *B. t.*), 340 (in *Equus cab.*).
- vitutorum* McCoart, 1880a, 62 (for *vitulorum*).
- viverræ-naricæ* M. C. V. in Mol., 1861a, 493 $\frac{2}{3}$ (69) (so. *Doch. bidens*) (in *Nasua narica*; Brazil).
- vulgaris* (Looss, 1900) Rail. & Henry, 1909b, 169; 1915, BSPe, 703.—Craig, 1915, 496, 497, 508.—Gedölst, 1911a, 123 (in donkey, horse).—Jagers, 1909, 34 *vulgare*).—Lane, 1914, 387.—Leneveu, 1915, 599, 600, 601, 602, 606.—Nev-Lem., 1912a, 742.—Rail., 1915, RMv, 477, 492, 503, 509; 1915, IVC, 734, 743, 747.—Wolffh., 1910, 17; 1911, 69–71.—Vieillard & Morel, 1909, 190–191.
- vulpinus* Fabr., 1794a, 12 (*Unc. vulpis* renamed).
- vulpis* (Fröhl., 1789) Zed., 1800a, 73 (in *Canis vulpes*); 1803a, 91 (in *C. v.*).—Dies., 1851a, 300 (so. *Doch. trigonoc.*).—Duj., 1845a, 277 (so. *D. trig.*).—Gmel., 1790a.—Mol., 1861a, 491 (67) (so. *D. trig.*).—Par. & Grassi, 1877b, 193 (so. *D. trig.*).—Rail., 1900, v. 15, 84 (in *renard*), 87 (to *Unc.*), 93 (unidentifiable).—Rud., 1809a, 232 (so. *tetragonoc.*).—Stoss., 1898, 87; 1899d, 121 (67) (so. *Unc. trigonoc.*).

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vulpis (Rud., 1819a) Dies., 1851a, 319 [not (Frœl.) Zed.] (in mesenteric glands, *Canis vulpes*; by Brems.).—Mol., 1861a, 526 (102) (in *C. v.*).—Stoss., 1899d, 131–132 (77–78) (in *Vulpes vulg.*).

vulpis glandularis Rud., 1819a, 36, 266 (in *Vulpes*; Mus. Wien).—Stoss., 1899d, 131 (77) (so. *vulpis*).—Also reported for *Canis vulpes*.

vulpis asophagus Rud., 1819a, 36, 266 (in *Vulpes*; Mus. Wien).—Also reported for *Canis vulpes*.

vulturis Cat. RGS, 1830, 41 (in vulture).

STRONGYLUS Galeb, 1878b, 361 (misprint for Strongylus).

STROUGILUS Graham, 1906, v. 5 (2), 241 (for Str.).

STRUGGLUS Shaw, 1901a, 180 (misprint for Str.; *S. contortus*).

SUBULURA Mol., 1860e, 332–333 (mt. *acutissima*).—Hall, 1916a, 51, 52, 53, 54.—Lane, 1914, IJMR, 655 (g. of *Kathliniinae*); 1916, IJMR, 100, 101.—Olss., 1869b, 487.—Rail. & Henry, 1912, 258.—Seur., 1914, 198; 1917, CrSB, 354.—Skrj., 1916, 53–54, 127–128; 1916, 499.—Stiles & Hass., 1905b, 140.—Trav., 1913, MIOC, 272, 297; 1914, MIOC, v. 6 (2), 138 (g. of *Heterakidae*), 139.

acuticauda (Linst., 1901) Rail & Henry, 1914, ICZ, 680 (in *Numida rikwae*).

acutissima Mol., 1860e, 332–333 (s. *Physalopt. saginata strigis brasiliensis*, *P. strongylina cuculi-seniculi*) (in *Cuculus melacoryphus*, *Strix atricapilla*; Brazil).—Dies., 1861a, 644.—Drasche, 1883, 120.—Hall, 1916a, 52.—Rail. & Henry, 1912, 258; 1914, ICZ, 679 (in *S. a.*, *C. m.*).—Seur., 1914, 198.—Skrj., 1916, 54.—Trav., 1913, 297, 298, 300, 303, pl. 29 figs. 24–25 (in *Pisorhina atricapilla*, *Coccyzus melacoryphus*).

allodapa (Crep., 1853) Seur., 1914, CrSB, 154–157, figs. 1–4 (in *Cariama cristata*; Brazil) to *S.* (Het.).—Rail. & Henry, 1914, ICZ, 680 (in *C. c.*).—Skrj., 1916, 54, 55, 128.

andersoni (Cobbold, 1876) Rail. & Henry, 1914, ICZ, 680 (in *Sciurus sp.*; India).—Hall, 1916a, 52–53, fig. 58 (in *S. sp.*; N. E. India).

annulata (Mol., 1860) Trav., 1913, 298 (Het.).

boueti (Gendre, 1911) Trav., 1913, 298.—Hall, 1916a, 52, 54, 56 figs. 60–63 (in *Euxerus erythropus*; Dahomey) to *S.* (*Oxynema*).—Rail. & Henry, 1914, ICZ, 682 to (*Oxynema*).

crassispiculum (Sons., 1889) Rail. & Henry, 1914, ICZ, 682 to *S.* (*Oxynema*) (in *Vulpes (Megalotis) zerda*).

curvata (Linst., 1883) Rail. & Henry, 1914, ICZ, 680 (in *Perdix græca*).—Skrj., 1916, 500 (in *Caccabis chukar*; Aoulié-ata).

differens (Sons., 1890) Rail. & Henry, 1912, BSPe, 257; 1914, ICZ, 680 (in *Gallus dom.*).—Trav., 1913, 298.

distans (Rud., 1809) Rail. & Henry 1912, BSPe, 258; 1914, ICZ, 680 (in *Cercocebus collaris*, *C. fuliginosus*, *Cercopithecus callitrichus*, *C. cephus*).—Trav., 1913, 297, 300–301, pl. 29 fig. 23 (in *Callicebus galigata*, *Callithrix chrysoleucos*, *C. jacchus*, *C. melanurus*, *Cercocebus fuliginosus*, *Cercopithecus sabæus*, *Midas bicolor*).

forcipata (Rud., 1819) Rail. & Henry, 1914, ICZ, 680 (in *Cuculus navius*, *C. tingazu*, *C. seniculus*).—Seur., 1914, CrSB, 156, 157 (in *Otis tetrax*); 1914, 201–202, figs. 1–3 (in *O. t.*; Maison-Carrée).

gracilis (Linst., 1899) Rail. & Henry, 1914, ICZ, 680 (in *Francolinus sp.*).

jacchi (Dies., 1861) Rail. & Henry, 1914, ICZ, 680 (in *Callicebus caligata*, *Callithrix chrysoleucus*, *C. jacchus*, *C. melanurus*).

leprincei (Gendre, 1909) Trav., 1913, 298.—Rail. & Henry, 1914, ICZ, 680 (in *Caprimulgus fossii*, *Macrodipteryx macrodipterus*).—Seur., 1914, CrSB, 156.

otolicui (Ben., 1890) Rail. & Henry, 1914, ICZ, 680 (in *Galago demidoffi*, *G. galago*).

papillosa (Mol., 1860) Rail. & Henry, 1912, BSPe, 257; 1914, ICZ, 680 (in *Corvus cajanus*).—Trav., 1913, 298.

perarmata (Ratzel, 1868) Trav., 1913, 298.—Rail. & Henry, 1914, ICZ, 680 (in *Tarsius spectrum*).

plotina Baylis, 1919, AMNH, 459–461, fig. 2 (in *Plotus rufus*; Uganda).

poculum (Linst., 1909) Trav., 1913, 298 (for *poculum*).

poculum (Linst., 1909) Rail. & Henry, 1914, ICZ, 680 (in *Francolinus adspersus*).

SUBULURA—Continued.

- rectum* (Linst., 1899) Rail. & Henry, 1914, ICZ, 681 (in *Vulpes (Megalotis) zerda*, *V. vulpes ægyptiaca*) to *S. (Oxyntema)*.
- recurvata* (Linst., 1901) Trav., 1913, 298. —Rail. & Henry, 1914, ICZ, 680 (in *Eurystomus afer*).
- rima* (Linst., 1906) Trav., 1913, 298. —Rail. & Henry, 1914, ICZ, 680 (in *Otis houbara*).
- rimula* (Linst., 1903) Trav., 1913, 298. —Rail. & Henry, 1914, ICZ, 680 (in *Centropus sinensis*).
- sarasinorum* (Meyer, 1896) Rail. & Henry, 1914, ICZ, 680 (in *Stenops gracilis*).
- schebeni* (Linst., 1909) Trav., 1913, 298. —Rail. & Henry, 1914, ICZ, 680 (in *Cynictis penicillata*).
- similis* (Gendre, 1909) Trav., 1913, 298. —Rail. & Henry, 1914, ICZ, 680 (in *Zentropus monachus*, *Coracias abyssinicus*, *Eurystomus afer*, *Scops leucotis*).
- strongylina* (Rud., 1819) Rail. & Henry, 1912, BSpE, 258; 1914, ICZ, 680 (in *Tetrao uru*, *Tinamus tataupa*). —Trav., 1913, 297–298, 299, 300, 301–302, pl. 29 fig. 22 (in *Bucco capensis*, *B. melanoleucus*, *B. rufiventris*, *B. striolatus*, *B. swainsoni*, *B. tamatina*, *Caprimulgus ruficollis*, *C. nacandua*, *C. urutas*, *Chelidoptera tenebrosa*, *Crypturus* sp., *C. tatuapa*, *Cuculus melanorhynchus*, *C. tinguacu*, *Gallus dom.*, *Malacoptila torquata*, *Microdactylus cristatus*, *Monasa leucops*, *M. tranquilla*, *Nonnulla rubecula*, *Odontophorus capueira*, *Podager nacunda*).
- subulata* (Rud., 1819) Rail. & Henry, 1914, ICZ, 680 (in *Caprimulgus ruficollis*). —Seur., 1914, CrSB, 156, 157; 1914, 198–201 (in *C. ægyptius saharæ*; *Algesira*, *Corse*).
- suctoria* (Mol., 1860) Rail. & Henry, 1912, BSpE, 257; 1914, ICZ, 680 (in *Caprimulgus campestris*, *Gall. dom.*, *Numida meleagris*). —Seur., 1914, CrSB, 154. —Skrj., 1916, 54–56, 128. —Trav., 1913, 298, 300, 302–303, pl. 30 figs. 26–27 (in *C. c.*, *Microdactylus cristatus*).
- uncinata* (Rud., 1819) Hall, 1916a, 52, 53–54, fig. 59 (in *Cavia aperea*, *Cuniculus paca*; *Brazil*).

SUBULURINÆ Trav., 1914, v. 6 (2), 138 (subf. of *Heterakidae*, contains: *Subulura* and *Oxinema*). —Hall, 1916a, 44, 51–52, 56, 60; 1916b, 518. —Lane, 1916, IJMR, 101.

SYMPLECTA Carus, 1863, v. 2, 460 (for *Synplecta*) [not *Symplecta* Meig., 1830, dipt.].

pendula (Leidy, 1851) Carus, 1863, v. 2, 460 (in *Schildkroeten*).

SYMPLOCOSTOMA Bast., 1865c, 94, 132–134 (sd. *longicollis*). —Büetsch., 1874b, 272 (so. *Anoplost.*). —Stiles & Hass., 1905b, 140–141 (type *longicollis*). —Villot, 1875a, 456, 462.

antarcticum Linst., 1896a, 11–12, fig. 19 (aquatic; *Uschuaia*).

barbata (Carter, 1859) Bast., 1865c, 134 (salt water; *Bombay*).

locustris Daday, 1894, Mte, v. 12, 138–139; 1897, v. 2 (1), 103, figs. 92–94 (free; *Balaton*).

longicollis Bast., 1865c, 133, pl. 11 figs. 119–122 (in tide pools; *Falmouth & Brighton*). —Man, 1907, 87 (*longicollis*) (*Zealand*). —Southern, 1914a, 41 (*Blacksod Bay*, *Ballynakill Harbor*, *Clew Bay*, *Clare Isl.*) (*longicollis*). —Villot, 1875a, 465 (*Manche*, *Med.*).

murmanicum Savelev, 1912, TSN, 118 (im schlammigen Sande; *Catharinahafen*).

ornata (Eberth, 1863) Bast., 1865c, 134.

pauli Villot, 1875a, 466 (free; *Med.*).

species Linst., 1903u (1904a), 275 (12) (free; *Ararat*, *Mare Azov*).

tenuicollis (Eberth, 1863) Bast., 1865c, 133. —Villot, 1875a, 466 (free; *Med.*).

vivipara Bast., 1865c, 133–134, pl. 11 figs. 123–125 (surface mud. marine estuary; *Falmouth*). —Büetsch., 1874b, 272. —Man, 1907, v. 10, 233 (to *Anoplost.*) (free; *Veere*, *Ierseke*, *Falmouth*); 1910, v. 10, 50 (to *An.*) (free; *V.*, *I.*, *F.*). —Villot, 1875a, 465 (*Eng.*).

SYNGAMEÆ Rail. & Henry, 1909b, 170 (group of *Ankylostominae*, contains *Syngamus*); 1912, 565. —F., S., & T., 1916a, 459. —Nev.-Lem., 1912a, 649.

SYNGAMIDÆ Rail., 1915, 743, 744 (contains *Syngamus*); 1915, RMv, 505, 521.

Syngamosis (name of infection with *Syngamus*). —Neum., 1908, v. 33 (9), 549, 560 (*syngamose*). —Vet. J., 1909, v. 65 (403), 52–53.

- SYNGAMUS** Sieb., 1836a, 105-116 (mt. trachealis).—Bail., 1866b, 59.—Braun, 1895b, 213; 1903a, 253, 261; 1915a, 362. Carré & Fraimbault, 1899a, 108-109.—Chatin, 1881k, 394-395.—Cobbold, 1864a, 361.—Daniels, 1910a, 152.—Duj., 1845a, 260-261.—F., S., & T., 1916a, 459, 460.—Gedölst, 1911a, 128.—Hut. & Mar., 1906a, 60; 1910b, 82.—Leiper, 1913, v. 184, 170.—Leuck., 1867b, 75; 1879a, 88; 1886d, 66.—Linst., 1909a, 48-62.—Looss, 1892a, 64.—Mol., 1861a (1861b), 436, 561-564 (12, 137-140).—Neum., 1908, v. 33 (9), 549-560.—Nev.-Lem., 1912a, 649.—Pratt, 1916a, 222.—Rail., 1898e, 402; 1912, 565.—Rail. & Henry, 1909b, 171.—Rans., 1904a, 43.—Schlotthauber, 1860a, 127.—Schneid., 1866a, 110.—Schneidem., 1896a, 305.—Shipley, 1896a (1901b), 142, 144, 161, 163.—Skrj., 1915, v. 27 (17), 645-658, figs. 1-3 (Turkestan); 1916, 463-464.—Stiles, 1901p, 530 (g. of Strongylidae); 1902, 186; 1903k, 14.—Stiles & Hass., 1905b, 141.—Stoss., 1899d, 56, 97 (2, 43).
- boularti* (Mégn., 1884) Rail., 1898e, 402 (trachee du casoari).—Rail. & Henry, 1909b, 171.—Skrj., 1915, 655 (in *Casuarus galeatus*: Turkestan); 1916, 468, 471 (in C. g.; Australia).
- boris* Willach, 1896e, 192-193 (in *Bos taurus*: Germany): 1896f, 231.—Rail., 1897a, 1135 (= "filaments fibrineux").
- bronchialis* Muehlig., 1884a, 265-271, pl. 13 figs. 1-4 (in Bronchi, Japanese goose; Leipzig).—Edelm., 1914a, 390.—Fiebiger, 1912a, 279.—Fröhner, 1915a, 791.—Gedölst, 1903a, 54, 106 (in *Anser cinereus* dom.): 1911a, 128.—Hut. & Mar., 1906a, 60; 1910b, 82; 1913b, 89, 90.—Linst., 1909a, 62 (in A. anser).—Martin, 1913, 38, 127.—Nev.-Lem., 1912a, 751.—Rail., 1893a, 453; 1898f, 364-365 (in oie dom.): 1898e, 400, 402; 1899e, 175; 1901h, 209-210; 1915, 744 (in g.); 1915, RMv, 505.—Rail. & Henry, 1909b, 171.—Schneidem., 1896a, 319.—Skrj., 1915, 654 (in A. a. dom.: Turkestan); 1916, 468.—Stoss., 1899d, 99 (45) (in A. dom.; Alfort, Japan).
- caelebs* Schlotthauber, 1860a, 127 (in *Falco lagopus*).
- dispar* (Dies., 1851) Mol., 1861a (b), 565 (141) (in *Felis concolor*: Jauru).—Leiper, 1913, 278, 280.—Linst., 1899b, 18.—Rail., 1899e, 174 (in F. c.; Brazil).—Rail. & Henry, 1909b, 171.—Skrj., 1915, 657 (in F. c.; T.); 1916, 472 (in F. c.).—Stoss., 1899d, 100 (46) (in F. c.; B.).
- Kingi* Leiper, 1913, JSTMH, 277-280, figs. 22-24 (in *Homo*: St. Lucia).—F., S., & T., 1916a, 459, 460, figs. 337-338.
- lari* (R. Bl., 1849) Linst., 1909a, 62 (in *Larus ridibundus*).—Rail., 1898e, 402.—Rail. & Henry, 1909b, 171.—Rans., 1904a, 5, 43-44, 47 (s. *Nematoideum lari-ridibundi*, Str., sp., S. *lari-ridibundi*, Sclerost. cyathost.) (in L. fuscus, L. r., L. sp.; Europe).—Skrj., 1915, 655 (in L. r.; Turkestan); 1916, 469, 471 (in L. r.).—Stoss., 1899d, 100-101 (46-47) (s. *Sci. cy.*) (in L. r.).
- laryngeus* Rail., 1899e, 174-176 (in bœuf: Annam): 1899, 104; 1899, 108-109; 1915, 744; 1915, RMv, 505.—Carré & Fraimbault, 1899, 104 (in calf: Annam).—Fiebiger, 1912a, 279.—Fröhner, 1915a, 732, 748.—Gedölst, 1911a, 128 (in cattle; Sud de l'Annam).—Hall, 1915, v. 10, 395-396 (1-2), figs. 1-3.—Hut. & Mar., 1906a, 65; 1910b, 85; 1913b, 89.—Leiper, 1913, 278.—Nev.-Lem., 1912a, 745.—Rail. & Henry, 1909b, 171.—Skrj., 1915, 657 (in B. t.; Turkestan); 1916, 471 (in B. t.).—Stoss., 1899d, 100 (46) (in B. t.; Annam.).
- microscopicum* Skrj., 1915, 646-648, figs. 1-5 (in *Phalacrocorax carbo*: Turkestan); 1916, 461, 467-471, figs. 1-4 (in P. c.; Aoulié-ata, T. russe).
- mucronatus* Schlotthauber, 1860a, 127 (in *Picus canis*, P. major) (s. trachealis Sieb.).
- nasicola* Linst., 1899b, 18-19 (in *Capra hircus*, *Cervus rufus*: Rio Grande do Sul, Kamerun).—Gedölst, 1911a, 128 (in goats: K.).—Rail. & Henry, 1909b, 171.—Skrj., 1915, 657 (in C. h., C. r.; Turkestan); 1916, 472 (in C. h., C. r.).
- primitivus* Mol., 1861a (1861b), 565-566 (141-142) (s. *Fasciola trachea*, Dist. lineare, *Syngamus trachealis*, Str. trachealis, S. meleagris-gallopavonis, S. pictus) (in *Anas boschas* dom., *Corvus pica*, C. cornix, *Cypselus apus*, *Meleagris gallopavo*, *Pavo cristatus*, *Perdix cinerea*, *Picus viridis*, *Phasianus gallus*, P. colchicus, *Sturnus vulg.*: Europe, N. America): 1889, 316 (trachealis).—Hass., 1896a, 6 (so. t.): 1896b, 2.—Land., 1882, 23.—Müell., 1889, v. 15 (4-5), 316 (in A. b. d., Cor. corn., Cyp. ap., *Gallus gallinaceus*, M. g., *Pavo cristatus*, *Picus viridis*, *Pica caudata*, *Perdix cinera*, *Phasianus colchicus*, S. v.); 1904a, 120.—Nev.-Lem., 1912a, 745.—Rail., 1893a, 453 (so. t.).
- pugionatus* Schlotthauber, 1860a, 127 (in *Corvus pica*, *Sturnus vulg.*: by Schlotth.).

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sclerostomum Mol., 1861a, 566-567 (142-143) (s. *Str. trachealis*, *S. variegatus*, *Sclerost. tracheale*) (in *Ciconia nigra*: teste Crep.).—Dolley, 1894a, 1012 (s. t.) (in fowl).—Linst., 1890c, 259-261, figs. 1-3 (in *Grus viridirostris*).—Skrj., 1916, 471.

species of Does, 1907, 263-266, pl. 1 (in Rund; Java).

tadorna (Chatin, 1874) Rail., 1898e, 402.—Linst., 1909a, 62 (in *Tadorna tadorna*).—Rail. & Henry, 1909b, 171.—Skrj., 1915, 655-656 (in T. t.; *Turkestan*); 1916, 469, 471.—Stoss., 1899d, 99 (45) (in T. *vulpanser*).

trachealis Sib., 1836a, 104-116, pl. 3 figs. 1-2 (Fasc. trachea renamed) (in *Cypselus apus*, *Phasianus gallus*, *Picus viridis*): 1837c, 253-261: 1867a, 172-173 (in birds).—AJCGH, 1892, 158: 1892, v. 5 (6), 90 (in turkeys): 1894, v. 7, 423-424; 1895, v. 8, 580.—[Agronome, 1813, 476-477.]—AE, 1870, v. 2 (5), 157-158.—Anacker, 1887c, 513; 1893c, 146.—Anthony, 1877, 16 (in pheasants).—Bail., 1866b, 59.—Bortolet, 1877a, 150.—Bassi, 1881a, 67-81 (in *Phasianus colchicus*).—Ben., 1858a, 1861a, 188, 201.—Ber. Senkenb. n. Ges., 1908, 132 (in *Otis tarda*).—Braun, 1895b, 220.—BG, 1904, v. 45, 1044: 1913, v. 63, 284; 1913, v. 64, 242-244.—Brumpt, 1913a, 414.—Bugnion, 1881, v. 17, xxxvi.—Cagny & Gobert, 1907, 657-658, figs. 733-736.—Campb. & Lacr., 1907, 76, 77.—Clouet, 1872.—Cobbold, 1879b, 445.—Cognetti de Martiis, 1909, 699.—Conard, 1870, v. 2 (5), 157.—Cordier, 1894, v. 41 (11), 500-503 (treatment, pheasants).—Craig, 1915, 507 (treatment).—Crisp, 1873a, 272-275, figs. a-h.—Dewitz, 1892b, 135, 136, 146, fig. 101.—Dies., 1851a, 302.—Duj., 1845a, 261-262.—Dungl., 1893 (1895a), 992, 1068.—Edelm., 1914a, 390.—Eggeling, 1908, 28 (in *Fasanen*).—Ehlers, 1872a, 43-48: 1872b, 236-240.—F., S., & T., 1916a, 461, fig. 339.—Farmer's Bull., U. S. Dept. Agric., 1898 (84), 28-29, fig. 8 (in chicken).—Fiebigger, 1912a, 278.—Francis, 1894, 450.—Frœhner, 1915a, 789.—Galli-Val., 1901c, 361 (in *Sturnus vulg.*).—Gardiner, 1904, 1134 (treatment): 1904, 191-196.—Garman, 1897, 107: 1898a, 71-73.—Geddelst, 1903a, 51, 103, 104, 105 (in *Gallus gallinaceus*, *Meleagris gallopavo* dom., Ph. c., *Pavo cristatus*): 1911a, 128, fig. 173 (in chicken, pheasant, peacock, turkey, etc.).—Gordon, 1870, v. 2 (5), 157.—[Hansen, 1904, v. 16 (8), 257-268.]—Hass., 1896a, 6 (s. F. t. *Sclerost. syngamus*, *Syngamus primitivus*) (in *Gallus* dom.): 1896b, 2 (in *Meleagris gallopavo*).—[Hearn, 1899, v. 54 (19), 6; 1900, v. 97 (19), 419.]—Henwife, 1892a, 90.—Horne, 1910, v. 22 (6), 159-164, figs. 1-2.—Hut. & Mar., 1906a, 60: 1910b, 82: 1913b, 89, fig. 14.—[Indiana Farmer, 1900, v. 55 (14), 7; 1900, v. 55 (16), 7 (coal oil): 1900, v. 55 (17), 6-7; 1900, v. 55 (22), 11; 1900, v. 55 (39), 6 (turpentine).]—Kholodk., 1899a, 175, fig. 207: 1902d, 7 [25] (in G. d.; Lwów).—Klee, 1899a, 465-468; 1899b, 1-11, figs. 1-3.—Kowal., 1902d (e), 25 (in G. d.; Lwów).—Leiper, 1913, 278, fig. 25: 1913, L. v. 1, 170.—Leuck., 1868a, 428; 1876a, 882; 1879a, 14, 167 (to Str.); 1886d, 11, 130.—Lichtenstern, 1910, v. 54 (50), 844-845 (in geese).—Liguol, 1884, 226.—Linst., 1906, v. 3 (11), 171 (in dom. fowl; Colombo): 1909a, 62, fig. 32 (in *Anser anser*).—Looss, 1892a, 14.—MFadyean, 1900f, 994.—Magal., 1899a, 260-261 (in poule; Rio de Janeiro).—[MNH, 1832, 206-208, 3 figs.]—Martin, 1913, ASn, 37-38, 127.—Mégn., 1880n, 121-141, pls. 5-6, figs. 1-8: 1880x, 683-684: 1881a, 388-389: 1881b, 45-67, pls. 1-2 figs. 1-12: 1881g, 274-275: 1881q, 1140-1141: 1881aa, 759-760: 1881gg, 602; 1881z, 726: 1882hh, 990-998, 1045-1058, pls. 1-2 figs. 1-11: 1882n, 348-350; 1883a, 1-22, pls. 1-2: 1883g, 5-12, 39-42, figs. 1-6, 55-56, 73-75, 85-89, figs. 7-13, 106-108, 122-125, 134-137, 151-152; 1885b, 280-296, pl. 1 figs. 1-11; 1890c, 89.—[Month. Bull. Div. Zool. Penn. St. Dept. Agric. Harrisb., 1904, v. 1 (3), 20.]—Mueh., 1898b, 12, 47-48 (in *Corvus cornix*, *Cypselus apus*, Ph. g. [= *Gallus* dom.], *Picus viridis*).—Nev.-Lem., 1912a, 745.—Noel, 1908, v. 30, 203-204.—Mordw., 1908, 186.—Mote, 1914, 31, 46-47, figs. 16-17.—[Ohio Farmer, Cleveland, 1900, v. 97 (12), 255; 1900, v. 97 (25), 511.]—Ostargt, 1899a, 420.—Parsons, 1870a, 157.—Pearson & Warren, 1896a, 29-32, figs. (in chickens; Baltimore, U. S. A.).—Perrier, 1875b, 586-595.—Perronc., 1882a, 372.—Pocci, 1904a, 102-118, figs. 1-3, pl. 1 figs. 1-5; 1908, v. 2 (1), 102.—Poultry Keeper, Parkesburg, 1895, v. 12 (9), 135: 1895, v. 12 (10), 145: 1895, v. 12 (10), 151; 1896, v. 13 (1), 6; 1897, v. 14 (1); 1897, v. 14 (4), 73.—[Poultry Success, 1905, July, 36.]—Pratt, 1916a, 222.—[Purvis, 1908, v. 53 (23), 1261; 1909, v. 56 (2), 56 (in chicken): 1909, v. 56 (3), 95-96 (in turkey; Va.).]—QAJ, 1902, v. 10 (2), 142.—Rail., 1893a, 453-455, fig. 312 (s. F. t., *Sci. syn.*, *Syn. p.*): 1898e, 400, 402; 1898g, 626-627; 1899e, 175: 1901c, 207-209: 1915, 743, 746 (in birds): 1915, RMv, 505, 508.—Rail. & Henry, 1909b, 171.—Rans., 1904a, 43 (genotype).—Rollst., 1838a, 678, 683, 685, 688.—Rossi, 1906a, 73,

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82; 1906c, 35–36; 1907a, 276.—Salmon, 1885d, 550–553; 1886c, 274–277.—Sambon, 1908f, 34.—Sanborn, 1906a, 41–42.—Seur., 1916, 350.—Shipley, 1896a (1901b), 130, 142, 144, 161, 163, 164, fig. 70 (in poultry & game birds); 1908d, 10–11 (in fowls, grouse, pheasant; Argyllshire); 1909f, in 263–279; 1911, 213–214 (in grouse).—Signol, 1884a, 226, fig. 219 (in gallinacé); 1894a, 272–273, fig. 235 (in faisan, gallinacé).—Skrj., 1915, 648–649 (in *Corvus cornix*, *C. monedula*, *C. frugilegus*, *C. corone*, *Ciconia nigra*, *C. alba*, *Cypselus apus*, *Lagopus scoticus*, *Ph. col.*, *P. pictus*, *Pavo cristatus*, *Perdix cinerea*, *Pica caudata*, *Picus viridis*, *P. canus*, *Pyrrhocorax alpinus*, *Pelecanus onocrotalus*, *Sturnus vulg.*, *Strix noctua*, *Tetrao urogallus*; Turkistan); 1916, 464–467, 468 (in *Corvus corone*, *C. frug.*; Aoulié-ata).—Smith, 1884, 103–121.—Smith, A. J., 1908a, 268 (in Phasianus reevesi; Phila. Zool. Gard.).—Sons., 1897e (f), 257–259 (5–6).—[Spalding, 1887, v. 4 (7), 291.]—Stiles & Hass., 1894e, 345 (in *Gallus dom.*, *Meleagris gallopavo*).—Stoss., 1899d, 98–99 (44–45) (s. *Str. meleagris-gallopavonis*, *S. pictus*, *Scl. syn.*, *Syn. sclerostomum*, *S. p.*) (in *Anas boschas*, *Ciconia nigra*, *C. alba*, *Corvus cornix*, *Cypselus apus*, *Gallus dom.*, *Meleagris gallopavo*, *Perdix cinerea*, *Pica caudata*, *Picus viridis*, *Sturnus vulg.*; Prussia, Tor., Germany, Eng., Ireland, America, Rennes).—[Theobald, 1896, 84; 1899b, 157–163.]—Thézé, 1916, 402.—Vaull., 1901a, 126 (in gallinacés, oiseau; Eng.).—Verrill, 1870, 180, 244 (fig.).—Veterinarian, Lond., 1841, v. 14 (161), 267–268.—Walker, 1884a, 271–272; 1886a, 47–71; 1897a, 1–30.—Walsingham, 1888a, 324–325; 1888b, 740.—Warburton, 1893, 815.—Ward, 1916, 698.—[Webster, 1900, v. 97, 217 (in chicken).]—Wiesenthal, 1799a, 204–205, figs. 1–2.—Woman's Mag., 1904.—Wucherer, 1866, 63.

variegatus (Crep., 1849) Rail., 1898e, 401, 402.—Rail. & Henry, 1909b, 171.—Skrj., 1915, 656–657 (in *Ciconia nigra*, *C. alba* (?), *Grus viridirostris*; Turkistan); 1916, 469, 471 (in *C. n.*, *C. a.*, *G. v.*).

SYNHIMANTUS Rail., Henry, & Sis., 1912, CrSB, 624 (tod. *laticeps*) (subg. of *Acuaria*) (contains also: *alata* R., *crassicauda* C., *brevicaudata* D., *elliptica* M., *denticulata* M., *sygmoidea* M., *longevaginata* M., *hamata* L., *involuta* L., *invaginata* L.).

laticeps (Rud., 1819) R., H., & S., 1912, 624.

SYNÆCHEMA Magal., 1905a, 314–318 (mt. *fragile*).—Stiles & Hass., 1905b, 141.

fragile Magal., 1905a, 314–318, figs. 1–4 (in *Phoritmia* (*Perichaeta*); Brazil).

SYNONCHUS Cobb, 1894c, 411–413 (tsd. *fasciculatus*) [not *Synonymcha* (Chevrolat, 1833, coleopt.).—Stiles & Hass., 1905b, 141.

fasciculatus Cobb, 1894c, 411–413, figs. 10, i–vi (Bay of Nap.).

hirsutus Cobb, 1894c, 413 (Bay of Nap.).

SYNPLECTA Leidy, 1851b, 239–240 (mt. *pendula*); 1852: 1904a, 57.—Carus, 1863, v. 2, 460.—Stiles & Hass, 1905b, 141.

pendula Leidy, 1851b, 240 (stom., intest., *Emys guttata*; by Leidy; 1856b, 52 (E. g.); 1886c, 313 (s. *Hedreris androphora*); 1904a, 57–58, 97, 193.—Carus, 1863, v. 2, 460.—Also reported for *Chelopus guttata*.

SYNTHETOCALUS Rail. & Henry, 1907a, 752 (tod. *commutatus*); 1909a, 86; 1912, 566; 1913, BSPc, 454.—Gedælst, 1911a, 117.—Hall, 1916a, 163, 166; 1916b, 519.—Nev.-Lem., 1912a, 644.

abstrusus (Rail., 1898) Rail., 1907a, 753 (3); 1915, 744 (in cat.); 1915, 505.—Craig, 1915, 507 (treatment).—Gedælst, 1911a, 117.—Nev.-Lem., 1912a, 700.—Rail. & Henry, 1907a, 753 (in chat).

capillaris (A. Muell., 1889) Rail. & Henry, 1907a, 753 (in chèvre, mouton).—Craig, 1915, 506, 507 (treatment).—Gedælst, 1911a, 117.—Nev.-Lem., 1912a, 705.—Rail., 1915, 744 (in goat, sheep); 1915, RMv, 505, 519.

commutatus (Dies., 1851) Rail. & Henry, 1907a, 752 (in lièvre).—Gedælst, 1911a, 117, fig. 156 (in dom. rabbit).—Hall, 1916a, 163 (so. *pulmonalis*); 1916b, 519.

linearis Marotel, 1913, Pv, 155–159 (in *Ovis aries*; Lyon) (pneumonic).—Rail., 1915, 744 (in sheep); 1915, RMv, 505.

ochreatus Nev.-Lem., 1912a, 1224 (for *ocreatus*).

ocreatus Rail. & Henry, 1907a, 753 (in mouton; Algeria).—Gedælst, 1911a, 117 (in sheep; Algeria).—Nev.-Lem., 1912a, 705.—Rail., 1915, 744 (in sheep); 1915, RMv, 505 (in mouton, chèvre).

SYNTHETOCAULUS—Continued.

pulmonalis (Froel., 1802) Hall, 1916a, 163-166, figs. 209-212 (in *Lepus europæus*; Europe); 1916b, 519.

rufescens (Leuck., 1865) Rail. & Henry, 1907a, 753 (in chèvre, lapin dom., mouton).—Craig, 1915, 506, 507 (treatment).—Fiebiger, 1912a, 263 (Synthetocaulus).—Geddelst, 1911a, 117 (in dom. rabbit, goat, sheep).—Hall, 1916a, 163, 166-167, figs. 213-215 (in *Oryctolagus cuniculus*; Europe); 1916b, 519.—Hut. & Mar., 1913b, 74-75 to Str. (Synthetocaulus) (in Schaf, Ziege, Kaninchen, Reh, Gemse).—Nev.-Lem., 1912a, 696.—Pillers, 1914, 51.—Rail., 1915, 744 (in dom. rabbit, goat, sheep); 1915, RMv, 505.—Wolffh., 1911, 64.

sagittatus (Müell., 1890) Rail. & Henry, 1907a, 753 (in cerf).

unciphaurus Nev.-Lem., 1912a, 705 (misprint for unciphorus).

unciphorus Rail. & Henry, 1907a, 753 (3) (in chèvre, mouton; Ing.).—Geddelst, 1911a, 117 (in goat, sheep).—Hut. & Mar., 1913b, 75 (in Schaf, Ziege).—Rail., 1915, 744 (in goat, sheep); 1915, RMv, 505.

SYNTHETOKAULUS Fiebiger, 1912a, 423 (for Synthetocaulus).

SYNYAMUS Mégn., 1890c, 89 (misprint for Syngamus).

trachealis (Sieb., 1836) Mégn., 1890c, 89.

SYPHACIA Seur., 1916, CrSB, 64-67 (tod. obvolata).—Hall, 1916a, 65, 83, 225 (so. Oxyuris).—Rail. & Henry, 1916, CrSB, 114 (type obv.).

hilgerti (Seur., 1914) Maupas & Seur., 1916, CrSB, 617.

obvolata (Rud., 1802) Seur., 1916, CrSB, 65-67, fig. 2 (in *Arvicanthus barbarus*; N. Africa).—Hall, 1916a, 81, 225 (to Oxyuris).—Maupas & Seur., 1916, 617.—Rail. & Henry, 1916, CrSB, 114.

pollaryi (Seur., 1915) Seur., 1916, CrSB, 66. —Maupas & Seur., 1916, CrSB, 617.

SYPHACIINÆ Rail., 1916, RMv, 521.

SYRINGOLAIMUS Man, 1888, 34-36 (mt. striatocaudatus).—Stiles & Hass., 1905b, 141.

striatocaudatus Man, 1888a, 35-36, pl. 3, 4 fig. 16 (Walcheren); 1907, 87 (Zealand).

TACHYGONETRIA Wedl. 1861b (1862), 471 (mt. vivipara).—Rail. & Henry, 1916, CrSB, 114 (type v.).—Stiles & Hass., 1905b, 141.

vivipara Wedl. 1861b (1862), 471-472, 482, figs. 24-26 (in *Uromastix spinipes*; Egypt).—Rail. & Henry, 1916, 114.—Seur., 1912, 223, 224, 225-226 (13) (to Oxyuris), figs. 4-6, 10, 11 (in *U. acanthinurus*; N. Africa).

TACHYHODITES Bast., 1865c, 95, 155 (tsd. natans).—Stiles & Hass., 1905b, 141 (type n.).

natans Bast., 1865c, 155-156, pl. 13 figs. 182-184 (tide-pools: Falmouth).—Villot, 1875a, 465 (England).

parvus Bast., 1865c, 156, pl. 13 figs. 185-186 (tide-pools: Falmouth).—Villot, 1875a, 465 (Eng.).

TÆNIOLA "Pall., 1760, 52" [nv.] [not *Tæniola* Dall, 1904, mollusk]; 1768, 289.—See also *Hærucula*.

TANQUA R. Bl., 1904, AdP, v. 8, May 15, 478 (= *Ctenocephalus* Linst., 1904, nec Kolenati, 1857, renamed, hence type tiara).—Baylis, 1916, AMNH, v. 17, 223-232, figs. 1-4.—Stiles & Hass., 1905b, 141.

anomala (Linst., 1904) Baylis, 1916, 229-230, 231, 232 (in *Tropidonotus piscator*; Ceylon).

diadema Baylis, 1916, 227-229, 231, 232, figs. 3, 4 (in *Helicops angulatus*; from S. A.).

tiara (Linst., 1879) Stiles & Hass., 1905b, 141. —Baylis, 1916, 223, 224-227, 228, 229, 231, 232, figs. 1, 2 (in *Tropidonotus quincunciatus* (= *aspermus*), *Varanus ornatus* (= *albicularis*), *V. bengalensis*, *V. exanthematicus*, *V. gouldii*, *V. niloticus*, *V. salvator*).—Leiper, 1908, RWRL, 189 (in *V. n.*; Taufikia, White Nile).

TENTACULARIA Zed., 1800a, 5 (*Hamularia* Treutler renamed, hence type subcompressa = lymphatica) [not *Tentacularia* Bosc, 1797]; 1803, 45.—Blainv., 1828, 591.—Bosc, 1819, v. 33, 54-55 (in *Coryphènes dorades*).—Cast. & Chalm., 1910a, 424; 1913a, 539 (so. H.).—Crep., 1846b, 161 (so H.).—Looss, 1902m, 756.—Lüthe, 1905a, 337-338 (cf. Bosc).—Rud., 1801, 57-58; 1809, 20, 320.—Schneid., 1866a, 12 (s. H.).—Ślawikowski, 1819, 61.—Stiles, 1907b, 41.—Stiles & Hass., 1905b, 141.—Vaull., 1899, 19.

TENTACULARIA—Continued.

cylindrica Zed., 1803a, 45, pl. 1, fig. 2 (ad bronchia Janii collurion.; by Zed.).—Nordm., 1840a, 666 (to Hamularia).—Rud., 1809a, 83.—Stoss., 1897b, 36 (24) (so. Fil. nodulosa).

subcompressa Zed., 1803a, 45 (s. H. lymphatica) (in Homo: Treutler, 1793a, 10-13, figs. 3-7).—R. Bl., 1890a, 15 (so. Fil. lymphatica).—Braun, 1903a, 276 (so. F. equina): 1908a, 309; 1915a, 325. Cast. & Chalm., 1910a, 424; 1913a, 539.—Chiaje, 1825a, 3 (so. F. hominis bronchialis).—Dolley, 1894a, 1018 (so. F. l.) (in Homo).—Nordm., 1840a, 665 (to Hamularia).—Rud., 1809a, 82 (to H.).—Stiles, 1907b, 41.—Stoss., 1899d, 90 (36) (so. Str. paradexus).

TERATOCEPHALUS Man, 1876a (b), 137-138 (60-61) (mt. terrestriis).—Jägers., 1909, SFD, 6, 21.—Menz., 1914, AN, 55.—Oerley, 1880, 67, 101; 1885, MtK, v. 21 (1), 72-73.—Stiles & Hass., 1905b, 142.

crassidens Man, 1880a, 46 (in moist soil: Holland).—Hofman. & Menz., 1915, 167.—Jägers., 1909, 21, 22, fig. 27.

cornutus Cobb, 1914, TAMS, 73, 84-85 (39, 50-51, 90), pl. 4 fig. 8 (Maple River, Mich.).

palustris Man, 1880a, 47 (in fresh water; Holland).—Jägers., 1909, 21, 22, fig. 28.—Menz., 1914, 56.—Steiner, 1916, ZA, v. 46, 329.

palustris crassicauda Daday, 1896, Mte, v. 14 (5), 414-415.

spiralis Micol., 1913, SAW Wien, 116-117 (in fresh water; Ostalpen); 1913, 11; 1914, ZJ, 451-453, pl. 16 figs. 19a-c.

spiraloides Micol., 1913, SAW Wien, 117 (in fresh water; Ostalpen); 1914, ZJ, 453-454, pl. 16, figs. 20a-b (Lunz).—Stefanski, 1916, ZA, 364.

terrestris (Büetsch., 1873) Man, 1876a (b), 138-139 (61-62), pl. 7 fig. 25 (on plants); Leyden).—Brakenhoff, 1914, v. 22, 291.—Hofman. & Menz., 1915, 166-167.—Jägers., 1909, 21-22, fig. 26.—Menz., 1913, ZA, 413; 1914, AN, 32, 34, 40, 41, 56, 82, 83, 90.—Micol., 1914, ZJ, 449-450.—Oerley, 1880, 101, pl. 4, fig. 20.—Steiner, 1916, ZA, v. 46, 334, 347.

TERNIDENS Rail. & Henry, 1909b, 169 (2) (tod. deminutus); 1912, 564, 567; 1913, BSPE, 506.—Braun, 1915a, 351.—Brumpt, 1910a, 333, 396; 1913a, 457.—F., S., & T., 1916a, 439.—Gedølst, 1911a, 122.—Sl. & Sw., 1912a, 330.—Ward, 1916, 698.

deminutus (Rail. & Henry, 1905) Rail. & Henry, 1909b, 169 (2) (in Homo. Macacus cynomolgus, M. sinicus; India, Saigon); 1912, 566, 567, 577-581, pl. 24 (in M. c., M. s.); 1912, v. 14, 557-581, pl. 24 figs. 1-8 (in H., M. c., M. s.; Mus. Paris. Johannesburg, India, Saigon, Africa).—Braun, 1915a, 351, fig. 301.—Brumpt, 1910a, 397; 1913a, 457.—Cast. & Chalm., 1913a, 549 (in H., monkeys; Africa).—F., S., & T., 1916a, 439-441, fig. 318.—Gedølst, 1911a, 122, fig. 164 (in negroes); 1911, 122, 262.—Graham-Smith, 1913, 201.—Sl. & Sw., 1912a, 330, 402 (deminutus).—Stiles, 1914, MM, v. 2, 294.—Ward, 1916, 698.

TERRANOVA Leiper & Atkinson, 1914, PZSL, 226 (tod. antarctica); 1915, 28.—Rail. & Henry, 1915, BSPE, 271.

antarctica Leiper & Atkinson, 1914, 226 (in Mustelus antarcticus); 1915, 28 (in M. a.; Bay of Isl., New Zealand).—Baylis, 1916, P, 368.

TERSCHELLINGIA Man, 1888a, 11-12 (mt. communis); 1907, 87.—Cobb, 1914, 10.—Stiles & Hass., 1905b, 142.

communis Man, 1888a, 12, pl. 1 fig. 7 (marine; Terschelling); 1907, v. 10, 230; 1907, 39, 40, 42, 43, 87.

filiformis Man, 1907, v. 10, 230-231 (free; Veere, Ierseke, Falmouth); 1907, 33, 41-43, 87, pl. 1 fig. 5 (Zealand).

longicauda Man, 1907, v. 10, 230 (free; Veere, Ierseke); 1907, 33, 39-41, 87, pl. 1 fig. 4.

polaris Cobb, 1914, SE, 8, 9, 14-15, 1 fig. (Bay; Cape Royds).

TETRACANTHUS Hempr. & Ehrenb., MS. in Schneid., 1866a, 104 (mt. Ancyra-canthus longicornis) (so. Ancyracanthus) [not Tetracanthus Hope, coleopt.].—Rail., 1916, 102 (so. Schistorophus).

TETRACANTHUS Almond, 1916, VN, 125-126 [very doubtful whether this is intended as a generic name, probably intended for Str. tetracanthus] [not Tetracanthus Hope, coleopt.; not Popofsky, 1907, prot.].

- TETRACHEILONEMA** Dies., 1861a, 621, 711 (mt. quadrilabiatum).—Olss., 1869b, 488.—Stiles & Hass., 1905b, 142.
- quadrilabiatum* (Mol., 1858) Dies., 1861a, 711 (in *Tinamus maculosus*, *T. rufescens*; Brazil).—Stiles, 1907a, 10 (s. *Fil. tinami*) (in *T. m.*, *T. r.*; B.).
- TETRACHEILOSTOMI** Mol., 1858c, 417 (division of Cheilostomi of Fil.) (for *Fil. quadrilabiata*).
- TETRADENOS** Linst., 1904n, 301 (*Ctenocephalus* Linst., 1904, not *Kolenati* 1857 renamed, hence type *tiara*); 1906, v. 3 (1), 173.—Stiles & Hass., 1905b, 142.
- tiara* (Linst., 1879) Linst., 1904n, 301; 1906, v. 3 (11), 173 (in *Varanus bengalensis*; lng.).
- TETRAMERES** Crep., 1846a, 130, 135, 142 (*Tropisurus* Dies. renamed, hence type *T. paradoxus*) [not *Tetrameres* Schaufuss, 1877, coleopt.].—Leuck., 1867b, 6, 96, 113.—Rail., 1916, v. 2 (3), 99.—Skrj., 1916, 526.—Stiles & Hass., 1905b, 142.—Trav., 1914, MIOC, v. 6 (3), 150–162 (1–14), pls. 16–23, figs. 1–21; 1915, Bm, v. 29, 297–298 (1–5).
- bispinosa* (Mol., 1860) Trav., 1914, 153 (in *Scincus officinalis*); 1915, 297 (4).
- certa* (Leidy, 1866) Trav., 1914, 154 (in *Diomedea exulans*); 1915, 297 (4).
- coccinea* (Seur., 1914) Trav., 1914, 154 (in *Phœnicopterus roseus*); 1915, 297 (4).—Skrj., 1916, 528, fig. 42 (in *Platalea leucorodia*; Lac Kultamar).
- contorta* (Wiedmann, 1913) Trav., 1914, 154 (in *Dichoceros bicornis*); 1915, 297 (3) to (*Microtetrameres*).
- cruzi* Trav., 1914, 154, 158–159, pl. 17 figs. 3–4 (in *Bucco swainsoni*, *Melanerpes flavifrons*); 1915, 297 (3) to (*Microtetrameres*).
- fissispina* (Dies., 1861) Trav., 1914, 153–154, 156–158, pl. 16 fig. 1, pl. 17 fig. 2, pl. 18 figs. 6–7, pl. 19 figs. 9–10 pls. 20, 21 (in *Anas boscas*, *Fulica atra*, *Gallus dom.*); 1915, 297, 298 (3, 5) to (*Tetrameres*) (in *Cignus melanocoryphus*, *Columba livia dom.*, *Meleagris gallopavo*).—Barber, 1916, 40 (in chickens; Guam).—Rail., 1915, RMv, 494; 1915, IVC, 736 (in duck).—Skrj., 1916, 527–528 (in *A. b. dom.*; *Aoulié-ata*).
- globosa* (Linst., 1879) Trav., 1914, 154 (in *Fulica atra*) (also *glabosa*); 1915, 297 (4).
- gynæcophila* (Mol., 1858; Dies., 1861) Trav., 1914, 152–153 (in *Nycticorax nycticorax*); 1915, 297 (3).
- hamochrous* Crep., 1846a, 130 (in *Falco peregrinus*), 135 (s. ? *Spr. inflata*) (in *Ciconia nigra*).—Dies., 1851a, 207 (so. *Tropidocerca paradoxa*); 1861a, 675 (so. *Trop. inflata*).—Also reported for *Anas glacialis*, *Charadrius pluvialis*, *Grus cinerea*, *Mergus serrator*.
- inermis* (Linst., 1879) Trav., 1914, 154 (*inermes*) (in *Astur palumbarius*); 1915, 297 (4) (*inermis*).—Skrj., 1916, 528, figs. 40–41 (in *Corvus frugilegus*, *C. corone*; Russian Turkestan).
- inflata* (Mehlis, 1846) Trav., 1914, 153 (in *Anas boscas*, *Charadrius pluvialis*, *Ciconia nigra*, *Harelda glacialis*, *Merganser serratus*, *Mergus albellus*, *Numenius arquatus*, *Somateria molissima*); 1915, 297 (3) to (*Microtetrameres*).
- micropenis* Trav., 1915, 297 (3, 4) (in *Nycticorax violaceus*, *Cancroma cochlearia*; Manguinhos, Rio de Jan.; Angra dos Reis-Estado do Rio) to *T.* (*Tetrameres*).
- minima* Trav., 1914, 154–155, 159–160, pl. 19 fig. 8, pls. 22, 23 (in *Tachyphonus cristatus bruneus*); 1915, 297 (3) to (*Microtetrameres*).
- nouveli* (Seur., 1914) Trav., 1914, 154 (in *Himantopus himantopus*); 1915, 297 (3) to (*Tetrameres*).
- paradora* (Dies., 1835) Trav., 1914, 151, 152, 155 (in *Anthropoides virgo*, *Anser ferus*, *Cathartides atratus*, *Falco com.*, *Grus grus*, *Mergus albellus*, *Numenius arquatus*, *Pellidina alpina*, *Scolopax rusticola*, *Sirium perspicillatum*); 1915, 297 (3) to (*Tetrameres*).
- pusilla* Trav., 1915, 297–298 (3, 4–5) (in *Turdus rufiventris*, *Platycichla flavipes*; Angra dos Reis, Estado do Rio) to (*Microtetrameres*).
- species* Skrj., 1916, 529 (in *Aquila imperialis*; Turkestan russe); 529 (in *Falco cenchris*; Turkestan russe); 529 (in *Fuligula nyroca*; Turkestan russe); 529 (in *Vanellus cristatus*; Turkestan russe).
- spiralis* (Seur., 1915) Trav., 1915, 297 (3) to (*Microtetrameres*).
- unispina* (Dies., 1861) Trav., 1914, 153 (in *Corono comix*); 1915, 297 (3).
- TETRAMERIDAE** Skrj., 1916, 526.—Rail., 1916, RMv, 521.—Trav., 1917, Bm, v. 31, 65.

- TETRAMERIDEA** v. Drasche, 1884a, 114 (supergeneric name—includes *Tropidocerca*).
- TETRAMERINÆ** Rail., 1915, 494; 1915, 736 (subf. of *Spiruridæ*, contains *Tetrameres*).
- THALASSIRONUS** Man, 1889b, 4 (mt. *britannicus*).—Stiles & Hass., 1905b, 142.
britannicus Man, 1889b, 4-5 (free: Penzance).—Southern, 1914, *PRIA*, v. 31, 26 (Blacksod Bay).—Stiles & Hass., 1905b, 142.
- THALASSOALAIMUS** Man, 1893, 81-83 (mt. *tardus*).—Stiles & Hass., 1905b, 142.
tardus Man, 1893a, 82-83, pl. 5 fig. 1 (marine: near Falmouth: 1907, v. 10, 227-228 (free: côtes des Cornouailles, côtes de l'Escaut oriental, Ierseke); 1907, 33, 34-35, 86, pl. 1 fig. 1 (free; Zealand).
- THELANDROS** Wedl, 1861b (1862), 470-471 (mt. *alatus*).—Rail. & Henry, 1916, *CrSB*, 114.—Stiles & Hass., 1905b, 142.
alatus Wedl, 1861b (1862), 470-471, 482, figs. 20-23 (in *Uromastix spinipes*; Egypt).—Fraip., 1882a, 104, figs. 14-15 (in *U. acanthinurus*).—Rail. & Henry, 1916, 114.—Seur., 1912, 223, 224, 225, 226, figs. 1, 2, 3, 7, 8, 9 (in *U. a.*); 1915, 4 (so. *Oxyuris uromasticola*).
- THELASTOMA** Leidy, 1849a, 231 (mt. *attenuatum*) (subg. of *Aorurus*); 1850e, 101; 1851b, 208; 1851d, 285; 1853b, 46; 1856b, 50 (*Thelastomum*); 1904a, 20-21, 36-38, 50, 66, 94.—Dies., 1851a, 558; 1861a, 630 (subg. of *Anguillula*), 632.—Galeb, 1878b, 289, 290.—Johnst., 1914, *PRSQ*, v. 26, in 76-84, pls. 1-2.—Rail. & Henry, 1916, *CrSB*, 115 (type at.).—Stiles & Hass., 1905b, 143.
alatum Johnst., 1914, v. 26, 80-82, pl. 16 figs. 3-7 (intest. of *Cacachroa decorticata*; N. Queensland).
- appendiculatum* Leidy, 1850e, 101 (intest., *Blatta orientalis*; Leidy); 1851d, 285 s. *Oxyuris blattæ-orientalis*); 1853b, 47, pl. 7 fig. 3 (in intest. of *B. o.*); 1856b, 50 (s. in part *Anguillula macrura*); 1857, 50 (to *Aorurus*); 1904a, 37-38, 66, 94.—Dies., 1861a, 630-631 to *Anguillula* (*Thelast.*).—Galeb, 1878b, 289.
- attenuatum* Leidy, 1849a, 231 (in large intest., *Julus marginatus*; by Leidy); 1850, 315-316 (in *J. m.*); 1851d, 285; 1853b, 46-47, pl. 6 fig. 4, pl. 7 figs. 1, 23 (in *J. m.*); 1856b, 50 (in *J. m.*); 1904a, 20-21, 66, 94 (in *J. m.*).—Conte & Bonnet, 1904, 67 (in *J. m.*).—Dies., 1851a, 559 to (*Aorurus*); 1861a, 630 to *Anguillula* (*Thelast.*).—Magal., 1900a, 62.—Rail. & Henry, 1916, *CrSB*, 115.
- brevicaudatum* Leidy, 1851b, 208 (in intest., larval lamellicorn insect (*Scarabæus relictus*); near Phila.); 1851d, 285; 1853b, 48 (in *S. r.*); 1856b, 50 (so. ? *robustum*); 1904a, 50-51, 66, 94.—Dies., 1861a, 631 (so. *Anguillula* (*Thelast.*) *robusta*).
- depressum* (Hamm., 1838) Leidy, 1853b, 48 (s. *Oxyuris dilatata*, *Thelast. dilatatum*).—Dies., 1861a, 632 (s. *dilatatum*) to *Anguillula* (*Thelast.*) (in *Cetonia marmorata*; Wien).
- dilatatum* (Hamm., 1847) Leidy, 1851d, 285; 1904a, 66.—Dies., 1861a, 632 (so. *Anguillula* (*Thelast.*) *depressa*).
- gracile* (Hamm., 1838) Leidy, 1851d, 285; 1853b, 48; 1904a, 66.—Dies., 1861a, 631 (to *Anguillula* (*Thelast.*)) (in ? *Melolonthæ fullonis* larva).
- labiatum* Leidy, 1850e, 101 (in *Polydesmus virginienensis*; by Leidy); 1851d, 285; 1853b, 47-48, pl. 7 fig. 13 (in ventriculus and large intestine of *P. v.*); 1856b (1904a), 50 (94); 1904a, 38, 66, 94 (in *P. v.*).—Dies., 1861a, 631 (to *Anguillula* (*Thelast.*)).—Magal., 1900a, 62.—Skrj. [1916], 61, 62, 63, 131, 132.
- laticolle* (Hamm., 1847) Leidy, 1851d, 285; 1853b, 48; 1904a, 66.—Dies., 1861a, 632 (to *Anguillula* (*Thelast.*)).
- robustum* Leidy, 1850e, 101-102 (in larva of lamellicorn insect; by Leidy); 1851d, 285; 1853b, 48 (in intest. of larva of lamel. coleopt. insect); 1856b, 50; 1904a, 38, 66, 94.—Dies., 1861a, 631 (to *Anguillula* (*Thelast.*)).
- venustum* Leidy, 1856b, 50 (in *Testudo polyphemus*; Georgia, U. S. A.); 1904a, 94.
- THELASTOMUM** Dies., 1851a, 558 (for *Thelastoma*).—Leidy, 1853b, 46.—Magal., 1900.
- THELAZIA** Bosc, 1819, 214-215 (mt. *rhodesii*, la Thelazie de Rhodes, Bosc, 1819, 214-215, figs. 1-2) (from cattle); Bosc in Blainv., 1819, 8. Blainv., 1828a, 547.—Desglch., 1824eee, 741-742; 1830c, 216-217.—Geddes, 1911a, 108.—Nev.-Iem., 1912a, 652.—Rail., 1915, 749; 1916, *JP*, v. 2, 13, 99, 100.—Rail. & Henry, 1910, *CrSB*, v. 68, 213-216, 783-785.—Rayer, 1843d, 148 (in bœuf).—Stiles, 1907b, 38, 40.—Stiles & Hass., 1905b, 143.

THELAZIA—Continued.

- alfortensis* Rail. & Henry, 1910, 214-215 (2-3) (s. Fil. lacrymalis Gurlt of Rail., 1893, pars) (in bœuf; Alfort): 1910, 209 (in bœuf).—Gedølst, 1911a, 108 (in ox).—Nev.-Lem., 1912a, 810.—Rail., 1916, 101 (in Bos taurus).
- anolabata* (Mol., 1859b) Rail. & Henry, 1910, 216 (in Crax fasciolata).—Rail., 1916, 101 (in C. fasciata).
- callipæda* Rail. & Henry, 1910, 785 [2-3] (in chien; Rawal Pindi, N. Punjab); 1913, 209, 211-213, figs. 1-3 (in chien).—Gedølst, 1911a, 109 (in dog).—Nev.-Lem., 1912a, 812.—Rail., 1916, 101 (in Canis fam.).
- campanulata* (Mol., 1858) Rail. & Henry, 1910, 216 (in Rupornis magnirostris).—Rail., 1916, 101 (in R. m.).
- cirrura* (Leidy, 1886) Rail., 1916, 101 (in Megaquiscalus major).
- gulosæ* Rail. & Henry, 1910, 214 (in bœuf; Alfort, Sumatra); 1910, 784; 1910, v. 67, 150 (in bœuf; Alfort, Madan en Deli, Sumatra); 1913, 209 (in bœuf).—Gedølst, 1911a, 108 (in ox).—Nev.-Lem., 1912a, 809.—Rail., 1916, 101 (in Bos taurus).
- lacrymalis* (Gurlt, 1831) Rail. & Henry, 1910, 215 (s. Fil. lacrymalis pars; F. palpebralis Wilson, 1844, not Pace, 1867) (in eye, horse; teste Gurlt); 1910, 784; 1910, v. 67, 150 (in horse); 1913, 209 (in cheval).—Gedølst, 1911a, 109 (in horse).—Nev.-Lem., 1912a, 811.—Rail., 1916, 101 (F. palp.) (in Equus cab.).
- leesei* Rail. & Henry, 1910, 215 (3) (in chameau; Punjab); 1910, 784-785; 1910, v. 67, 150 (in chameau; by R. & H.).—Gedølst, 1911a, 109 (in camel).—Leese, 1910, v. 5 (1), 89-92, figs. 1-2 (in eye, camel; India).—Rail., 1916, 101 (in Camelus dromedarius).
- leesi* Nev.-Lem., 1912a, 811 (for leesei).—Rail. & Henry, 1913, 209 (in dromadaire).
- papillosa* (Mol., 1860) Rail. & Henry, 1910, 216 (in Falco destructor, F. gracilis).—Rail., 1916, 101 (in Geranospizias cerulescens, Thrasaetus harpyia).
- rhodesi* Rail. & Henry, 1910, CrSB, v. 68 (5), 214 (for rhodesii) (s. Thelazie de Rhodes Bosc, 1819; Thelazius rhodesii, Thelasia rhodesii, Fil. bovis Bail., 1858, F. palpebrarum Bail., 1858, F. lacrymalis Gurlt of Bail., 1866, and Rail., 1895) (in buffalo & cattle; France, Egypt, Sumatra); 1910, v. 67, 150 (s. Fil. palpebrarum Bail.) (in bœuf; Alfort, Toulouse, Egypt; buffle; Sumatra); 1913, 209 (in bœuf, buffle).—Gedølst, 1911a, 108 (in buffalo, ox).—Nev.-Lem., 1912a, 809.—Rail., 1916, 100 (s. Fil. bovis, F. lacrymalis, F. palpebrarum, Thelazius rhodesii, Thelazia rhodesii) (in Bos taurus, Buffelus bubalis).—[Rhodes, 1819, v. 88, 214-215, 1 pl., figs. 1-2.]
- rhodesii* (Desm., 1828) Blainv., 1828a, 547 (in horse [type host is apparently Bos taurus]).—[Bosc, 1819, 8 (in cattle).]—Mol., 1858c, 406 (so. Fil. papillosa).—Rail., 1893a, 527 (so. Fil. lacrymalis).—Rail. & Henry, 1910, 214 (rhodesi) (in bœuf, buffle; France, Sumatra).—Ward, 1895a, 335 (in Bos taurus).
- rhodii* Gurlt, 1831a, 347 (for rhodesii, so. Fil. lacrymalis Gurlt).
- stereura* (Rud., 1819) Rail. & Henry, 1910, 216 (in Aquila nævia).—Rail., 1916, 101 (in A. maculata).
- THELAZIIDE Rail., 1916, JP, v. 2 (3), 99-105 (type Thelazia, Spiruroidea: contains also Galeiceps, Serticeps, Schistorophus, Rhabdochona, Cystidicola, Ceratospira, Oxyspirura); 1916, RM, v. 521.—Skrj., 1916, 524 (new fam.; contains Thelazia, Schistorophus).
- THELAZIUS Bosc, 1819, 498-499 (for Thelazia).—Desm., 1828a, 79.—Stiles & Hass., 1905b, 143.
- rhodesii* Desm., 1828a, 79-81 (in Bos taurus; by Rhodes).—[Chaignaud, 1828a, 77-79 (in eye of ox).]—Mol., 1858, 406.—Rail., 1916, JP, v. 2 (3), 100.
- THERISTUS Bast., 1865c, 95, 156-157 (std. acer) [not Theristis Huëbn., 1816, lepidopt.].—Stiles & Hass., 1905b, 143.
- acer* Bast., 1865c, 156-157, pl. 13 figs. 187-188 (marine mud; Falmouth).—Man, 1907, 86 (Monohystera (Th.) acris).—Villot, 1875a, 465 (Eng.).
- normandica* Man, 1890b, 169-170, pl. 3 fig. 1 (Calvados, de la Manche) to Monohystera (Th.).
- setosa* (Bütsch., 1874) Man, 1907, 56, 86 (Zealand) to Monohystera (Th.).
- velox* Bast., 1865c, 157, pl. 13 figs. 189-191 (tide-pools; Falmouth).—Bütsch., 1874b, 262-263 (in Kieler Bucht) (to Monohystera).—Man, 1889, 7 to Monohystera (Penzancia [type]).—Villot, 1875a, 465 (Eng.).

- THOMINX Duj., 1845a, 3, 22-23 (only positive species, hence type *manica*).—Eberth, 1863, 44.—Rail. & Lucet, 1890b, 19.—Stiles & Hass., 1905b, 143.—Trav., 1915, MIOC, v. 7 (2), 154, etc., to Cap. (Th.).
- aerophila* (Duj., 1845) Trav., 1915, v. 7, 154 (in *Vulpes vulpes*), to Cap. (Th.).
- bacillata* (Eberth, 1863) Trav., 1915, v. 7, 155 (in *Mus norvegicus*), to Cap. (Th.).
- blomei* (Trav., 1914) Trav., 1915, v. 7, 156 (s. *Trichosoma papillosum*) (in *Tetrao urogallus*), to Cap. (Th.).
- collare* (Linst., 1873) Trav., 1915, v. 7, 155 (in *Gallus dom.*), to Cap. (Th.).
- contorta* (Crep., 1839) Trav., 1915, 154-155, 160, 162, pl. 25 fig. 11 (in *Accipiter nisus*, *Ægialitis hiaticola*, *Alle alle*, *Buteo vulg.*, *Corone corone*, *C. cornix*, *Corvus monedula*, *Erithacus rubecula*, *Larus capus*, *L. ridibundus*, *Nettion crecca*, *Pavonella pugnax*, *Recurvirostra avocetta*, *Ruticilla tithys*, *Sturnus vulg.*, *Sterna maxima*, *Trypancorax frugilegus*, *Vanellus vanellus*), to Cap. (Th.).
- dispar* (Duj., 1845) Trav., 1915, v. 7, 155 (in *Buteo vulg.*, *Falco subbuteo*), to Cap. (Th.).
- dubius* Trav., 1917, Bm, 149 to Cap. (Th.) (in *Atilia cinerea*).
- falconua* (Rud., 1819) Trav., 1915, v. 7, 153 (in *Accipiter nisus*, *Buteo vulg.*, *Circus cyaneus*, *C. pygargus*, *Milvus iclinus*), to Cap. (Th.) (for *falconum*).
- filliforme* (Linst., 1885) Trav., 1915, v. 7, 156 (in *Triton alpestris*, *T. cristatus*), to Cap. (Th.).
- gracilis* (Mol., 1858) Dies., 1861a, 690 (to *Trichosomum* (Th.)) (in *Merlucius vulg.*; Padua); 1861c, 280.—Carus, 1884, 173.—Stoss., 1890a, 25 (to *Trichosoma*).
- gracille* Trav., 1915, v. 7, 154 (in *Merlucius esculentus*, *M. vulg.*), to Cap. (Th.) (for *gracile* Bellingh.).
- hydrochæri* Trav., 1916, Bm, 314 to Cap. (Th.) (in *Hydrochærus capibara*; Brazil).
- manica* Duj., 1845a, 22-23 (in *Fringilla cœlebs*; Rennes).—Trav., 1915, v. 7, 155 (in *F. c.*), to Cap. (Th.).
- meleagris* Trav., 1915, v. 7, 156 (s. *Trichosoma meleagris gallopavo*) (in *Meleagris gallopavo*) to Cap. (Th.).
- pachyderma* (Linst., 1877) Trav., 1915, v. 7, 155 (in *Podiceps fluviatilis*), to Cap. (Th.).
- papillifer* (Linst., 1877) Trav., 1915, v. 7, 155 (in *Chelidon urbica*, *Hirundo rustica*), to Cap. (Th.).
- parile* (Kowal., 1903) Trav., 1915, v. 7, 156 (in *Bubo ignavus*), to Cap. (Th.).
- spinulosa* (Linst., 1890) Trav., 1915, v. 7, 156 (in *Nyroca ferina*), to Cap. (Th.).
- striata* (Linst., 1879) Trav., 1915, v. 7, 155 (in *Accipiter nisus*), to Cap. (Th.).
- strumosa* (Reibisch, 1893) Trav., 1915, v. 7, 156, 160, 162, pl. 26 fig. 14 (in *Gallus dom.*, *Phasianus colchicus*), to Cap. (Th.).
- tenue* (Duj., 1845) Trav., 1915, v. 7, 155 (in *Erinaceus europæus*), to Cap. (Th.).
- tenuissima* (Rud., 1803) Trav., 1915, v. 7, 153-154 (in *Archibuteo lagopus*, *Asio otus*, *Bubo ignavus*, *Carine noctua*, *Glaucidium passerinum*, *Nyctala tengmalmi*, *Sirnium aluco*, *Strix flammea*), to Cap. (Th.).
- totani* (Linst., 1875) Trav., 1915, v. 7, 155 (in *Tringoides hypoleucos*), to Cap. (Th.).
- tridens* Duj., 1845a, 23 (in *Sylvia luscinia*; Rennes).—Dies., 1851a, 257 to *Trichosomum* (Thominx).—Trav., 1915, v. 7 (2), 155 (in *Eriihæus luscinia*), to Cap. (Th.).
- triloba* (Linst., 1875) Trav., 1915, v. 7, 155 (in *Vanellus vanellus*), to Cap. (Th.).
- THORACOSTOMA Mar., 1870a, 25-30 (? tsd. *echinodon*).—Brütsch., 1874b, 277.—Cobb, 1914, SE, 10.—Maupas & Seur., 1916, 616.—Stiles & Hass., 1905b, 143 (type probably *echinodon*).
- acuticaudatum* Jegers., 1901a, 4, 33-49 (free; near Kristineberg); 1904b, v. 35 (2), 421.
- antarcticum* Linst., 1907, v. 3, 2 (quotes Man).
- arcticum* Savelev, 1912, TSN, 124-125 (in *Lithothamnium murmanicum*; Palafjord).
- cœcum* Savelev, 1912, TSN, 124 (in *Lithothamnium*; Palafjord).
- comes* Tüerck, 1903 (1903-1904a), 330-334, pl. 11 figs. 1-3 (marine; Gulf of Nap.).

THORACOSTOMA—Continued.

- denticaudata* (Schneid., 1866) Büetsch., 1874b, 279.—Man, 1907, 87 (Zealand).—Southern, 1914a, 39 (in Blacksod Bay).
- dorylaimus* Mar., 1870a, 27, pl. H fig. 2 (free; Pharo, Endoume).
- echinodon* Mar., 1870a, 26, pl. H figs. 1–1k.—Villot, 1875a, 457 (so. *Leptosomatum coronatum*).
- figuratus* (Bast., 1865) Man, 1907, v. 7, 12.—Southern, 1914, v. 31, 38–39 (Blacksod Bay, Ballynakill Harbor, Bofin Harb., Clew Bay, Clare & Annagh Isl.).
- globicaudata* (Schneid., 1866a) Büetsch., 1874b, 278, fig. 34a–b.—Villot, 1875a, 457 (so. *Leptosomatum coronatum*).
- montredonense* Mar., 1870a, 27–29, pl. I figs. 1–1f (free; Marseille, Montredon).
- polare* Cobb, 1914, SE, 8, 9, 31–33, fig. 1 (Bay; Cape Royds).
- schneideri* Büetsch., 1874b, 278–279, figs. 33a–d (Austernbänke bei Sylt).
- setosum* Linst., 1907, v. 26 (6), 471 (free; Scotia Bay, S. Orkneys); 1907, v. 3, 1, 2; 1909, 50 (free).
- species* Linst., 1908, 28 (free; Lüderitzbucht, Africa).
- strasseni* Tüerck, 1903 (1903–4a), 284–330, pl. 10 figs. 1–19, pl. 11 figs. 4–13 (marine; Nap.).
- zolæ* Mar., 1870a, 29–30, pl. 1 figs. 2–2e.—Villot, 1875a, 458 (to *Leptosomatum*).
- Thrombosis.—Megee, 1915, VR, v. 27, 451–454, 454–460, 1 pl. (anterior mesenteric artery, horse).
- THUBUNEA Seur., 1914, CrSB, v. 76 (15), 724–727 (mt. *pudica*) (Acuariidæ).
- pudica* Seur., 1914, 724–727, figs. 1–4 (in *Cerastes vipera*, caméléon, *Scincus officinalis*; Bou-Saâda, Oved Souf); 1916, 143.
- TILARIA Koch, 1898, AHMc, 388 (misprint for *Filaria*) (*T. sanguinis*, in *Homo*).
- TILENCHUS Huber, 1909, 6 (for *Tylenchus scandens*).
- TINEA Pre-Linnæan.—[Not *Tinea* Fabr., 1775, lepidopt.]
- rotunda* Pliné.—R. Bl., 1888a, 661 (so. *Asc. lumbricoides*).
- TOXASCARIS Leiper, 1907, BMJ, 1297 (tod. *Asc. leonina*: contains also *A. marginata*, *A. tigridis*): 1907, DmW, v. 33, 983; 1907, MR, v. 71, 1043; 1907, JTVS, 444–445; 1907, JRMS, 555.—Braun, 1915a, 367.—Cast. & Chalm., 1910a, 442; 1913a, 546.—F., S., & T., 1916a, 465–466.—Gedølst, 1911a, 132.—Glaue, 1910, ZA, 745, 756, 757 (type l.).—Nev.-Lem., 1912a, 642.—Rail. & Henry, 1911, CrSB, v. 70 (1), 14–15 (type A. l.).—Stiles, 1914, MM, v. 2, 271, 288.—Stitt, 1916a, 331.—Ward, 1916, 702.
- canis* (Werner, 1782) Cast. & Chalm., 1913a, 1293, 1317 (in *Homo*).—Stiles, 1914, MM, v. 2, 288, 289.
- leonina* (Linst., 1902) Rail. & Henry, 1911, 15 (s. *Asc. leptoptera*) (in *Felis jubata*, *F. leo*, *F. serval*).—Maupas & Seur., 1913, CrSB, 38.—Seur. & Neuville, 1913, 16–21, figs. 1–6.
- limbata* Rail. & Henry, 1911, v. 70, 15 (s. *Toxasc. marginata* (Rud.) of Leiper, 1907; *Asc. canis* Werner of Glaue, 1909) (in *Canis aureus*, *C. fam.*, *Homo*; Alfort).—Braun, 1915a, 367.—Brumpt, 1913a, 414.—F., S., & T., 1916a, 466, fig. 343.—Gedølst, 1911a, 132 (in dom. dog. accidentally in man).—Graham-Smith, 1913, 198, 201.—Ihle, 1916, 276, 277; 1916, 1, 2.—Maupas & Seur., 1913, CrSB, 38.—Nev.-Lem., 1912a, 670.—Rail., 1915, 491; 1915, 734 (in dog).—Seur., 1914, 641.—Stiles, 1914, MM, v. 2, 288.—Ward, 1916, 702.
- marginata* (Rud., 1802 of Leiper, 1907) Rail. & Henry, 1911, 15 (of Leiper, not of Rud., 1802, so. *Toxasc. limbata*).—Braun, 1915a, 367.—Nev.-Lem., 1912a, 670.
- microptera* (Rud., 1819) Rail. & Henry, 1911, 15 (in *Canis lupus*; *Mus. Wien*).
- TOXOCARA Stiles, 1905, MS., in Stiles & Hass., 1905b, 150 (tod. *Lumbricus canis* Werner, 1782).—Rail. & Henry, 1911, CrSB, v. 70, 13.
- canis* (Werner, 1782) Johnston, 1916, 99.
- TRACHYPHARYNX Leiper, 1911, PZSL, 552–554 (tod. *nigeriæ*).—Hall, 1916a, 108, 109–110 (type *nigeriæ*) (*Strongyleæ*); 1916b, 518.
- nigeriæ* Leiper, 1911, 552–554, figs. 142–143 (in large rodent; *Nigeria*).—Hall, 1916a, 110, fig. 134.
- TREFUSIA Man, 1893a, 84–86 (mt. *longicauda*): 1907, 47.—Stiles & Hass., 1905b, 143.
- longicauda* Man, 1893a, 85–86, pl. 5 fig. 3 (free; Falmouth).

- TRIBACTIS** Duj., 1845a, 3, 653 (renamed *Rhabditis* Duj., 1845a, 230, 239-246, 653, hence same type) [not *Tribacis* Billb., 1820, lepidopt.].—Stiles & Hass., 1905b, 143.
- TRICHEILONEMA** Dies., 1861a, 710-711 (mt. *megalochilum*) (*Schizoeilonema* renamed).—Stiles & Hass., 1905b, 143.
megalochilum (Dies., 1851) Dies., 1861a, 711 (in *Zacholus austriacus*: M. C. V.).
- TRICHEILOSTOMI** Dies., 1851a, 264, 278-279 (subsection of *Cheilostomi*, of Fil., only species *F. megalochila*. See *Tricheilonema*).—Mol., 1858, 417.—Stiles & Hass., 1905b, 143.
- TRICHINA** Owen, 1835a, 315-324 (mt. *spiralis*) [not *Trichina* Meigen, 1830, dipteron; not *Trichina* Kirby, 1837, coleopt.; not *Trichinia* Bisch., worm; not *Trychina* Klug, coleopt.; not *Trichine* Klug, coleopt.]; 1835f, 393; 1835n, 526-528.
- (ALFORT) Colin, 1881a, 238-249.
- (BALTIMORE) Read, 1866a, 279.
- (BARCELONA) Cardinal, 1879a.
- (BERL.) Burggraf, 1901a, 89-90 (gesellschaftliches Beisammenwohnen).—DSVZ, 1915, v. 15 (28), 280-281.—Goldb., 1855a, 109.—Virchow, 1865b, 554; 1866d, 201-203; 1870a, 451-453.—ZFM, 1903, v. 13 (7), 227.
- (BERN) Niederhäusern, 1880a, 5-6.
- (BONN) Greeff, 1866a, 1-3.
- (BRUXELLES) Dele, 1879a, 369-370 (cultures); 1879b, 902-905; 1880b, 1-4.—Wehenkel, 1866a, 623-625.
- (BUDAPEST) Allat. lapok, 1903, v. 26 (9), 285-286; 1906, v. 29 (28), 335.—Scheuthauer, 1868a, 285-286.—*Veterinarius*, 1902, v. 25 (8), 253.
- (CAIRO) Galeb, 1878b, 342.
- (CHICAGO) Andrews et al., 1866, CME, v. 7 (5), 300-310; 1867, NOMSJ, v. 19 (4), 88-89.
- (DENMARK) Bahr, 1912, MfD, v. 23 (23), 629-637.
- (DENVER) Lamb, 1881a, 276-277.
- (DEUTSCHLAND) Fiebiger, 1912a, 250.—AAPwM, 1835, 526.—Rindfleisch, 1884, 203.—Schuchardt, 1888, 318-319, 320, 322, 327.
- (DRESDEN) BVK Sachs., 1877 (1876), 118.—Brauer, 1880, *ibid.*, 150.—Edelm., 480; 1902, Pv, Oct. 5; 1905, Nov. 30, 57-58; 1916a, 275.—Erler, 1868, BVK Sachs., 12, 51-53.—Kolenati, 1857a, 12.—Kretschmar, 1881a, 87-88.—Küech., 1861f, 367-368; 1866d, 8, 10 (Träger).—Prietsch, 1878a, 121.—Voigtländer, 1863a, 24-26; 1880a, 149; 1881a, 86-87.—Weiser, 1880a, 149.
- (DUßESSELDORF) Anacker, 1887a, 328; 1887c, 513; 1888b, 314; 1892f, 278; 1893h, 343-344, fig. 2162.
- (FRANCE) BAM, 1881.—Testelin, 1882a, 20-21.
- (FRANKFURT A MAIN) Friedleben, 1864a, 1-24 (and tapeworms).
- (FREIBURG) Sieb., 1839, 158.
- (GIESSEN) Schneid., 1866a, 30, 165-166, 167, 241, 243, 249, 255, 264, 269, 277, 309.
- (GÖTT.) Linst., 1902, 31.
- (GR. BRIT.) Aitken, 1866, 804, 842; 1872, 150.—AMNH, 1847, v. 29, 358.—Cast. & Chalm., 1910a, 427.—Cobbold, 1876, 97; 1883oo, 97-98.
- (GUASTALLA, ITALY) Conti, 1879a, 105-107.
- (HALLE) Barfod, 1899, Natur, v. 48, 118.—Bauer, 1863a, 211-214, 223-224, figs. 1-6.
- (HANOVER) Malkmus, 1906, 467-470.
- (HEIDELBERG) Büetsch., 1873d, in 402-408, pl. 22 figs. 1-11; 1876, 229.—Wasielewski, 1913a, 315-318, 320-324.
- (IOWA) Calvin, 1890, BLNH, v. 2 (1), 85-89.—Kennedy, 1891a, 146-148, 1 fig.
- (JENA) Züern, 1870b.
- (KIEL) Heller, 1874a, 349-394, figs. 1-41; 1875a, 613-666; 1876c, 371.—Schneidem., 1896a, 305, 309.

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- (KNOXVILLE) Davis, 1884a, 1-7.—Marter, 1884, NJMS, v. 33 (1), 6-7.
 (KÖNIGSB.) Askanazy, 1897a, 406, 407; 1900c, 712.—Braun, 1883a, 148, 153, 175; 1895b, 23, 205, 208, 209, 213; 1906a, 270, fig. 190.—Samuelson, 1865a, 5-6.
 (LANSING) Hazlewood, 1876a, 29-37.
 (LEIPZIG) Eberth, 1863a, 43, 44, 53, 55.—Fiedler, 1864d, 511-520.—Leuck., 1863a, 68, 88, 90, 95, 96, 99, 102, 115, 310; 1867b, 43, 46, 51, 65, 74, 88, 95, 116; 1868b, 461, 509-511; 1876a, 666; 1876b, 97; 1879a, 88, 106, 119, 159, 1886d, 51, 67, 76, 83, 90, 103, 123, 124, 138, 152, 224, 340, 479, 499, 532, 540, 541, 543, 561.—Vogel, 1865b, 173-174.—Wagner, 1864d, 278-280.—ZwZ, 1851, v. 3, 69.
 (LEWISBURG, PA.) Groff, 1881a, 121.
 (LIVERPOOL) Edwards, 1869a, 453-454, pl. 2 figs. 1-5.
 (LOND.) Med. Gaz., 1833, v. 11, 605; 1835-36.—TPSL, 1854, v. 5, 277.
 (MADRID) Morales Supposse, 1914, GCp, v. 1 (4), 59-60.—U&A, 1881a, 70-72, 87-89.
 (MAGDEBURG) Niemeyer, 1868a, 372.
 (MALAGA) Abela and others, 1883, 121, 124, 126.
 (MEMMINGEN) Huber, 1896a, 501, 502.
 (MEXICO) Ramirez, 1891, E, v. 4 (5), 147-148.
 (MOSCOW) Fischer, 1840a, 152-163.
 (MÜNSTER) Reeker, 1897a, 37-40.
 (MURCIA) Gines, 1903a, 108.
 (NEUCHÂTEL) de Pury, 1864a, 609-628.
 (NEW HAVEN) Verrill, 1870o, 168, 190, 222, 225, 226, 228, 229, 230.
 (NEW YORK) AJM, 1879, v. 4 (1), 22-23.—Minge, 1901a, 896-905.
 (PARIS) R. Bl., 1888a, 774.—Bouchard & Magnau, 1864, GhMC, (43), 706.—Brumpt, 1913a, 479.—Dav., 1866a, 263-272; 1877a, ci.—Fritz, 1866a, 226-228, 242-245, 274-278, 306-310.—Gerv., 1839, DpHn, v. 9, 464.—Guér., 1866.—GmP, 21, 73-74, 110, 336.—GmP, 1866, v. 21, 83-84, 140 (from Le Moniteur).—Moniez, 1896a, 300.—Robin, 1866a, 447; 1866b, 178.
 (PETROGRAD) Kholodk., 1899a, 181, 182.
 (PHILA.) Agnew, 1883, 370-371.—Fiedler, 1866b, 186.—Leidy, 1866b, 9; 1881c, 109-110.—MSR, 1866, v. 14, 277, 279, 436-437, 478; v. 15, 525.
 (PRAZE) Frič, 1866a, 1-31.
 (ROCHESTER) Roch. Dem., 1879, May 1.
 (SAINT CLAIR) Smith, 1881a, 266-267.
 (ST. GOTHARD TUNNEL) Bugnion, 1881c, 382.
 (SALEM) Wyman, 1869a, 42.
 (STUTTGART) Kuhlmann, 1911, Kosmos, v. 8, 171-173, figs. 1-2.
 (TIFLIS) Kozlovski, 1866a, 21-26.
 (TORINO) Gm, v. 30, 169-175.—Perronc., 1882a, 395.
 (U. S. A.) Dadd, 1867a, in 1-782; 1888a, in 1-367.—Pratt, 1916a, 221.—Shaw, 1901, 125, 668, 1027-1028.
 (UPSALA) Dahlbaeck, 1867a, 303-309.
 (URBANA, ILL.) Ward, 1903l, 216, 217 (so. Trichinella), 218, figs. 3352-3356.
 (UTRECHT) Stuurman, 1914, TvV, v. 41 (2), 117.
 (WASH., D. C.) Stiles, 1905z, 46 (insect, nematode); 1907e, 532; 1914, MM, v. 2, 224, 302.—Stiles & Hass, 1905b, 143.
 (WEIMAR) Züern, 1882, 113, 226, 229.
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 (WÜRZBURG) Groth, 1865a, 1-20.
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 (ZWICKAU) Caspari, 1864a, 1-80.

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- Sylvia rubecula*, *Sus scrofa* dom., *Vanellus cristatus*, *Vespertilio auritus*, *V. noctula*; by *Leidy* and *Siebold*.—*Althaus*, 1864a, 10.—*Bail.*, 1866b, 83.—*R. Bl.*, 1887e, 166.—*Cobbold*, 1879b, 406.—*Dav.*, 1863, 174 (in pig).—*Kolenati*, 1857a, 13.—*Küsch.*, 1855a, 230, 250.—*Leidy*, 1856b, 48 (s. *spiralis*) (in *Sus scrofa* [dom.]).—*Leuck.*, 1876a, 521, 522.—*Linst.*, 1877b, 176 (so. *Fil. strigis*) (of *Wedd pars*): 1901b, 412.—*Mingazzini*, 1900d, 142–143 (in *Plecotus auritus*; Roma) (? so. *F. vesperuginis*) (in *Vesperugo noctula*).—*Muell.*, 1904a, 120.—*Seurat*, 1916, 325, 352, 361 (so. *Physoc. sexualatus*).—*Stiles*, 1914, MM, v. 2, 302.—*Ward*, 1895a (b), 343 (in *Canis* fam.).—Also reported for *Bubo maximus*, *Buteo vulg.*, *Felis* dom., *Meles taxus*, *Plecotus auritus*, *Talpa europæa*, *Vesperugo noctula*.
- agilissima* *Mol.*, 1859h, 16–17, figs. 2–3 (s. ? *spiralis*, *lacertæ*, *Fil. lacertæ*) (in *Lacerta agilis*, *Podarcis muralis*; Padua).—*R. Bl.*, 1887e, 167.—*Linst.*, 1889a, 66 (so. *Physalopt. abbreviata*) (in *Lacerta muralis*).—*Stiles*, 1914, MM, v. 2, 302.—*Seur.*, 1916, 352, 361 (in *L. agilis*).
- anguillæ* *Dies.*, 1851a, 115 (in *Anguilla vulg.*; Eng., *Bowman*, 1840a, 480, pl. 17 figs. 41–45).—[*R. Bl.*, 1887e, 166.].—*Hofer*, 1904a, 284 (in *A. v.*).—*Krøyer*, 1852–53a, 1226 (in *A. migratoria*).—*Schuberg & Schrøder*, 1904a, 520.—*Seur.*, 1916, 361.—[*Sieb.*, 1841c, 296.].—*Stiles*, 1914, MM, v. 2, 302.
- bakodyi* *Cobbold*, 1879b, 317 (in fowls and rats; by *Bakody*).—*Hall*, 1916a, 223 (so. *Spiropt. sp. Gerstæcker*).
- canis* *Kræmer*, 1853a, 293–295, figs. 16–18 (quotes *Herbst*) (in dog).—*Seur.*, 1916, 361.
- circumflexa* *Polonio*, 1860b, 23 (larva in *Mus rattus*; Padua).—*Hall*, 1916a, 10 (so. *Trichinella spiralis*).—*Seur.*, 1916, 361 (in *M. r.*, *M. decumanus*).
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- contorta* (*Kuhn*, 1857 [nv.]) *Botkin*, 1883 [nv.].—*Braun*, 1883a, 186; 1895b, 215 (so. *Anguillulina putrefaciens*); 1903a, 255 (in man); 1908a, 287; 1915a, 298.—*Cast. & Chalm.*, 1910a, 403; 1913a, 517.—*Chatin*, 1884c, 377 (so. *Tylenchus putrefaciens*).—*Dolley*, 1894a, in 978–1021.—*Nev.-Lem.*, 1908a, 504.—*Stiles*, 1914, MM, v. 2, 295.—*Verdun*, 1907a, 382 (so. *A. p.*).
- cyprinorum* *Dies.*, 1851a, 115 (s. *Fil. ? Valentin*, ? *F. piscium* *Duj.*, 1845a, 61) (in *Cyprinus carpio*, *Leuciscus erythrophth.*, *L. idus*, *Tinca chrysis*).—*R. Bl.*, 1887e, 167 (=larva of *Asc. acus*).—*Krøyer*, 1852–53a, 1223, 1224 (in *L. e.*, *L. i.*, *T. vulg.*).—*Leuck.*, 1867b, 116.—*Linst.*, 1887d, 107.—*Mordw.*, 1908, AMz Petrograd v. 13 (1–2), 188.—*Seurat*, 1916, 361–362.—*Stiles*, 1914, MM, v. 2, 302.—*Zsch.*, 1884a, 12, 66 (so. *A. a.*) (in fish).
- cystica* *Salisbury*, 1868a, 376–377, figs. 29–31 (in bladder. *Homo*; U. S. A.); 1868b.—*R. Bl.*, 1887e, 167 (so. *Fil. sang. hom.*); 1895, 771 (so. *Fil. bancrofti*).—*Bourel-Roncière*, 1878, 116; 1888a, 131.—*Braun*, 1883a, 181; 1895b, 221 (so. *F. b.*); 1903a, 264; 1908a, 296; 1915a, 308.—*Cast. & Chalm.*, 1910a, 408; 1913a, 523.—*Cobbold*, 1869a, 15; 1872b, 89–92; 1872c, 752–753; 1878h, 357 (so. *F. b.*); 1879b, 181, 188, 198; 1880e, 58 (chyluria, in urine).—*Cunningham*, 1873a, 835–836, fig. 2 (so. *Oxyuris vermicularis*).—*Dav.*, 1877a, 941.—*Fayrer*, 1879b, 189.—*Huber*, 1896a, 604, 620.—*Ijima*, 1889b, 344.—*Leuck.*, 1876a, 637.—*Lewis*, 1879c, 247–249, fig. 1.—*Linst.*, 1878a, 3.—*Penel*, 1905a, 11 (so. *F. b.*), 12.—*Rail.*, 1893a, 515 (so. *F. b.*).—*Rans.*, 1904, 25.—*Seur.*, 1916, 362.—*Silva Lima*, 1877c, 489.—*Simon*, 1897a, 97.—*Stiles*, 1905m, 682 (so. *O. v.*); 1905n, 1; 1907b, 50; 1907e, 600, 619; 1914, MM, v. 2, 291, 302, 311.—*Ward*, 1895a (b), 320 (so. *F. b.*); 1903L, 213 (so. *F. b.*); 1916, 690.
- cystika* *Schneidem.*, 1896a, 306 (for *cystica*) (so. *Fil. sang. hom.*).—*Stiles*, 1907b, 50.
- dispar* *Polonio*, 1860b, 23 (cf. *Fil. dispar*) (in *Corvus corax*; Ticini).—*Seur.*, 1916, 352, 362.
- falconis-nisi* *Kræmer*, 1853a, 295, pl. 1 fig. 11, pl. 12 fig. 1 (in mesentery of *Falco nisus*).—*Seur.*, 1916, 362.
- inflexa* *Duj.*, 1845a, 294 (in *Mullus*; Med.).—*Antoinette*, *Edwards*, 1879, 60.—*Ardenghi*, 1880, 48, 53, 55.—*R. Bl.*, 1887e, 167.—*Chaussat*, 1850b, 85 (in *M.*; *M.*).—*Stiles*, 1914, MM, v. 2, 302.
- [*intestinale* *Acqua Felici*, 1869, 116 [not as specific name].]
- lacertæ* *Dies.*, 1851a, 114–115 (in *Lacerta agilis*; by *Rathke*, 1837a, 335–336, & *Sieb.*).—*R. Bl.*, 1887e, 167.—*Seur.*, 1916, 362.—*Stiles*, 1914, MM, v. 2, 302.

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- microscopica* Polonio, 1860b, 23 (in *Podarcis muralis*; Padua).—R. Bl., 1887e, 167.—Inst., 1889a, 66 (so. *agilissima*; so. *Physalopt. abbreviata*) (in *Lacerta muralis*).—Par., 1894, 627.—Seur., 1916, 352, 362.—Stiles, 1914, MM, v. 2, 302. [muscolari dell' Acqua Felti, 1869, v. 7, 116 [not as specific name].—Ardenghi, 1880a, 48, 53, 54, 55, fig. 2.]
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- pseudalis* Dengler, 1863a, 10 (so. *spiralis*).
- ranæ-esculentæ* Chaussat, 1850b, 84-85 (in stom. wall of *Rana esculenta*; by Chauss.).
- reticulata* Dies., 1851a, 287 (for *reticulata equi-caballi*) (to *Onchocerca*).—Rail., 1893a, 538 (to *Spiropt.*).—Ward, 1895a, 335 (in *Bos taurus*), 340 (in *Equus cab.*).
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- species Schlotthauber, 1860a, 125 (in *Strix noctua*, *Corvus pica*, *Caryocatactes*; by Schlotth.).
- species Schlotth., 1860a, 125 (in *Equus cab.*; by Schlotth.).
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- spiralis* Owen, 1835a, 315-324, pl. 41 figs. 1-9 (in *Homo*; Eng.); 1835b, 23-27; 1835c, 452-456; 1835l, 393-394; 1835n, 526-528; 1835q, 125-127; 1835t, 241-245; 1835u, 472-473; 1835v, 299-300; 1836b, 65-67; 1836c, 119-120; 1836d, 241; 1837e, 273-274; 1882a, 571-575.—Reported also for *Canis fam.*, *C. vulpes*, *Capra hircus*, *Cavia aperea*, *Cricetus frumentarius*, *Columba dom.*, *Erinaceus europæus*, *Felis dom.*, *Fœtorius putorius*, *Hippopotamus amphibius*, *Lepus cuniculus*, *L. timidus*, *Mus decumanus*, *M. musculus*, *Mustela martes*, *Ovis aries*, *Scalops aquaticus*, *Spermophilus 13-lineatus*, *Sus scrofa*, *S. s. dom.*
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(PETROGRAD) Schmidt, Ponomarev, Savelier, 1915, CrSB, v. 78 (10), 306-307; 1915, Pm, v. 33 (26), 212.

— and *Cysticercus*:

(BERL.) Lion, 1864a.—PmZ, 1864, 38, 135.—[—?, 1868, 2 Aufl., 1-38.]

— cysts:

(BERL.) Langerhans, 1892a, 205-216; 1892b, 222-223; 1893a, 118-119; 1893b, 465; 1894a, 174 (regressive changes in).—Ostertag, 1898b, 11-12, figs. 1-2 (ungewöhnliche Fettgewebesentwicklung an den Polen von).

(HEIDELBERG) Bischoff, 1840a, 232.

— —, Verkalkung:

(BRAUNSCHWEIG) Müell., 1866a, 253-255.

(BRESLAU) Land., 1912, BkW, v. 49 (34), 1638 (im Röntgenbilde).

(ELDENA) Fűerstenberg, 1865a, 551-552.

(HOHENMÆLSEN) Haase, 1901a, 143-145 fig. 1.

—, degenerated:

(BERLIN) ZFM, 1896, v. 6 (7), 136.

—, development, Entwicklung:

(AUGSBURG) May, 1865a, 17-18.

(BERL.) Virchow, 1859b, 660-662; 1859c, 737-738; 1860a, 330-346, pls. 9-10; 1860e, 13-16; 1860f, 109-112; 1860g, 440-441; 1860h, 563-564; 1860i, 76; 1860k, 538-540.

(BRAUNSCHWEIG) Sieb., 1850c, 668.

(FRANCE) Chatin, 1882f, 413-421.—Duj., 1845a, 293, 294.

(LEIPZIG) Fiedler, 1864a, 1-29.

(ST. LOUIS) Wadgymar, 1866a, 97-109, figs. 1-3.

(U. S. A.) Tyzzer & Honeij, 1917, JP, v. 3 (2), 43-96, pl. 1 figs. 1-3.

—, experiments:

(AUGSBURG) WTV, 1863, v. 7 (51), 411-412.

(BERL.) Virchow, 1859a, 430.—ZFM, 1893, v. 3 (5), 108 (Uebertragungsversuche mit amerikanischen Tr.).

(BUCAREST) Alexandresco, 1893, 310; 1894, 137-146 (rabbits).

(CHICAGO) Belfield & Atwood, 1879a, 288-289; 1880a, 47; 1880, GC, v. 34 (18), 2.

(DRESDEN) Haubner, Leisering & Kűch., 1863a, 114-120; 1863b, 411-412.

(GETT.) Herbst, 1851a, 260-264; 1852a, 183-204; 1852b, 135-136; 1852c, 63-64; 1853a, 209-211; 1853b, 491.

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spiralis, experiments—continued.

(HEIDELBERG) Pag., 1865a, 1-116, pls. 1-2; 1865c, 622-623; 640-641; 1865d, 938-942; 1866a, 147-151; 1866b, 1-112, pls. 1-2; 1867a, 277-280; 1868c, 83-84.

(ITALY) Perronc., 1879f, 60-92, pls. 1-2; 1880, AAA, v. 22, 401-457, figs. 1-7; 1880b, 452-487, figs. 1-7; 1880q, 601-603; 1880x, 179-180; 1881r, 136-137.

(LOND.) Cobbold, 1867l, 205-212; 1867m, 91-92.

(MÜNCHEN) Streubli, 1905d, 353-361, pls. 6-7; 1905e, 352; 1905f, 548-549; 1905k, 827.

(PARIS) Rebourgeon, 1881b, 208; 1882a, 117-118.

(PHILA.) Keilty, 1914, PPS, v. 16, 15-16.—Leidy, 1860b, 96.

(SCHMIEGEL BEI KUSCHEN) Peters, 1865a, 66-71.

(WASH., D. C.) Rans., 1915, JP, v. 1 (4), 200-201.

— — —, feeding:

(BERL.) Virchow, 1860d, 535-536.

(DRESDEN) Kuech., 1861n, 385-386.

(WIEN) Claus, 1860c, 155-157.

— — —, — — —, feces of rats:

(DENMARK) Høyerberg, 1906, CfB, v. 41, 210-211.

(DEUTSCHLAND) Rabiger, 1911, VGdNA, 541-543; 1911, ZIpKHH, v. 9, 120-154, tables 1-6.—Rissling, 1910, ZT, v. 14, 279-309.

— — —, — — —, trichinized meats:

(ALGERIA) Decroix, 1881a, 85.

(BERL.) Müell., 1864a, 485-505; 1865a, 1-15; 1865b, 71-76; 1865c, 331-346.—ZFM, 1892, v. 2 (11), 225; 1893, v. 3 (4), 86; 1893, v. 4 (2), 39.—Klaphake, 1892a, 152-153; 1901a, 197-203.

(ELDNA) Fürstenberg, 1864a, 274-276, 283-286; 1864, OVwV, v. 22 (2), 168-170.

(FRANKFURT A. MAIN) Schenk, 1893a, 87.

(GIESSEN) Mosler, 1864a, 554-555 (pigs).

(MASSACHUSETTS) Mark, 1895a, 757-762 (pigs).

(PARIS) Rebourgeon, 1881a, 1-17.

(WESSELBUREN) Janssen, 1892a, 109-110; 1892b, 237-238; 1892c, 381-382; 1892d, 197-198; 1892e, 172; 1893a; 411-412; 1894a, 141.

— — —, lebensgang, life cycle, life history, Naturgeschichte:

(ALABAMA) Graham, 1897a, 219-275, pls. 1-27; 1897b, 219-273; 1897c, 12-16, figs. 1-4; 1898b, 245; 1899a, 341; 1903a, 18.

(BERL.) Virchow, 1866b, 1-47.

(BRESLAU) Long, 1875a, 1-9; 1878a, 1-16.

(LOND.) Mans., 1901c, 551-552.

(MÜNCHEN) Hertwig & Graham, 1895a, 12-16, figs. 1-4; 1895b, 504-505, figs. 1-4; 1896a, 32-33, figs. 1-4; 1896b, 425-426; 1897a, 97; 1897b, 208; 1897c, 474-475.

(MÜNSTER) Reeker, 1898a, 42-45; 1899a, 194-195.

(PHILA.) Tyson, 1903a, 1191-1192.

(TÜBINGEN) Luschka, 1851a, 69-80, figs. 1-6.

— — —, adult:

(LEIPZIG) Leuck., 1860g, 259-262; 334-335; 1860h, 1-4 to 1-2; 1860i, 18-21; 1860k, 168-171; 1860o, 503-504; 1860p, 198-199.

— — —, embryo:

(ERFURT) Wallmann, 1897a, 32, figs. 1-3 (zur Differentialdiagnose).

(GOTHA) Georges, 1897a, 165, fig. 1 (zur Differentialdiagnose).

(MÜNCHEN) Streubli, 1905g, 163-176; 1905h, 514; 1905i, 312; 1905l, 29; 1906g, 112; 1906h, 606-607; 1906i, 167; 1907b, 19.

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spiralis Lebensgang, embryo, in blood:

(MÜNCHEN) Stäubli, 1908a, 2601-2603; 1908b, 956; 1908c, 95.

(U. S. A.) Herrick & Janeway, 1909, AIM, v. 3 (3), 263-266, pl. 1; 1909, FM, v. 27 (36), 1381.—Janeway, 1909, AIM, v. 3, 262; 1909, CPA, v. 20 (19), 889-890.—Lamb, 1911, AJMS, v. 142, 395-402, fig. 1; 1911, NYMJ, v. 94 (12), 601; 1911, JAMA, v. 57 (15), 1236; 1912, MSRP, v. 9, 145-154, pl. 1.—Packard, 1910, JAMA, v. 54 (16), 1297, figs. 1-2; 1910, NYMJ, v. 91 (17), 871; 1910, MR, v. 77 (18), 766.—Simmons, 1909a, 302-303.

—, larva, in muscle:

(BERL.) ZFM, 1893, v. 3 (11), 228-229.

(BONN) Weber, 1862a, 129-130.

(DETROIT) Reynolds, 1886a, 190-191.

(DEUTSCHLAND) Fränkel, 1905, Jan. 3, 48.—Heitzmann, 1891b, 373-379; 1892a, 94; 1892b, 739.—Meyer, 1909, DFZ, v. 6 (3), 35, figs. 1-3 (Lebensäusserung durch Eigenbewegung).

(DRESDEN) Edelm., 1897d, 34.

(MILAN) dell'Acqua, 1869, 116.

(MOSKOW) Ossipov, 1903a, 1-16, pls. 1-2; 1903b, 253-268, figs. 1-13; 1903c, 1887; 1904a, 156-157 (histologische Veränderungen in Spätstadien).

(PARIS) Chatin, 1881f, 1528-1530; 1881g, 160-161; 1881h, 1-25; 1884a, 1-22, figs. 1-14.—Ordenez, 1862a, 325-330, pl. 17 figs. 1-3 (distinction des sexes); 1863d, 656-657; 1864a, 61-62.

(PARMA) Ardenghi, 1880a, 48, 53, 54, 55, fig. 2.

(PHILA.) Köhn, 1888a, 177-178 (blood supply).—Richardson, 1878a, 568-569 (in biceps).

—, longevity:

(DEUTSCHLAND) Babès, 1906, CiB, v. 42, 541-545, 616-619, figs. 1-2; 1907, CPA, v. 18, 185; 1907, ZFM, v. 17 (6), 214-215; 1907, Cv, v. 30, 154; 1907, H, v. 2, 22-23; 1908, HR, v. 18, 99.—Bœhm, 1910, ZFM, v. 20 (7), 244.—Busse, 1910, T, v. 49 (6), 137.

(HANOVER) Dammann, 1876a, 92-95; 1877a, 103-104.

(LOND.) Lawson, 1889, L., v. 1 (15); 1892, MpT, v. 3 (11), 511.

(MILAN) Clin. Vet., 1898, v. 21 (24), 304.

(POSEN) TAMS, 1910, v. 19 (2), 177.

(WASH., D. C.) Stiles, 1907e, 527.

(ZWICKAU) Ludw., 1910, BVK Sachs., v. 54, 164; 1910, DFZ, v. 7 (12), 187.

—, location in body:

(DEUTSCHLAND) Bœhm, 1909, ZFM, July —; 1909, H, v. 4 (7), 54-55; 1910, RV, v. 35 (4), 231-232.

—, —, adipose tissue:

(ANN ARBOR, MICH.) Microscope, 1882, v. 2 (5), 172.

(NEW YORK) AVR, 1883, v. 6, 573.

(PARIS) Chatin, 1881o, 737-739; 1881q, 224; 1881r, 376; 1881s, 62; 1881t, 395-396; 1882a, 502.

—, —, eye:

(BERL.) Hirschberg, 1875a, 421-423.

—, —, intestines:

(JENA) Dahl, 1907, NW, v. 22, v. 6 (13), 206.

(PARMA) Ardenghi, 1880a, 48, 53, 55.

(MISCELLANEOUS) Antoinette Edwards, 1879, 60.—Kasarinow, 1898; 1900, 615-617 (relation to intestinal mucosa).

—, —, lymph channels: (WIEN) Kretz, 1898a, 443-444.

—, —, tongue:

(MADRID) Ortiz de la Torre, 1892a, 265; 1892b, 70.

—, observations on:

(BERL.) Mosler, 1864a, 1-89.—PmZ, 80.

(EDINB.) Turner, 1860a, 209-216; 1860b, 223-224; 1860c, 294-298.

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(ELDENA) Fûerstenberg, 1865c, 191-193.

(FRANCE) Edwards, 1881, JO, 2230.

(HANOVER) Gerlach, 1866b, 1-90, pls. 1-6; 1873a, 1-90, pls. 1-6.

(LOND.) Farre, 1835a, 382-387, figs. 1-4; 1835b, 1-7, pl. 1; 1836a, 5-7, figs. 4-7.—Wood, 1835a, 190-191; 1835b, 473-474; 1835c, 74-75.

—, *Pseudotrachinae*:

(ANN ARBOR, MICH.) P&S, 1881, v. 3 (9), 432.

(DEUTSCHLAND), Glage, 1910, DFZ, v. 7 (4), 58.

(DUNDEE, IRELAND) Rorie, 1864a, 247 (in haddock).

(FRANCE) Mégn., 1881w, 332-333; 1881dd, 196; 1881ee, 1004; 1881ff, 163-166; 1881ii, 189-198, figs. 1-6; 1881kk, 1-10, figs. 1-6; 1881ll, 937-948, fig. 1-6; 1882b, 275-287, figs. 1-6, 299-301; 1882k, 183-186; 1882aa, 86-87; 1888cc, 49-53, 65-72, figs. 1-6; 1882rr, 342; 1882ss, 178; 1882tt, 217-218.

(GREIFSW.) Gerst., 1866a, 436-477; 1866b, 1-12.

(KASSEL) Wiederhold, 1865a, 549-552; 1865b, 193-194.

(LEIPZIG) Beckers, 1889a, 57-67, fig. 1.

(MAGDEBURG) Michaelis, 1866a, 158-159.

(NEW YORK) NYMT, 1881, 196.

(SIEGEN) Tiemann, 1898a, 95-96, fig. 1.

—, transformation (alleged) into *Trichocephalus*:

(LÆWEN, BELGIUM) Ben., 1859e, 452-453.

(PARIS) Milne-Edwards, 1859a, 457.

— and trichinosis [see also trichinosis]:

(ALGERIA) Bellen, 1879a, 146-153.

(ALFORT) Colin, 1884b, 219-240; 1884c, 121-137; 1884d, 347-358.

(BAHIA) Chernowitz, 1868, GmB, v. 3, 111-112; 1869, *ibid.*, v. 3, 123-124, 135-136.

(BAYERN) Arnold, 1910, Diss., Giessen; 1912, ZFM, v. 23 (2), 38; 1912, BtW, v. 28 (5), 92.

(BERL.) Richter, 1865a, 1-32.—Schmidt, 1865a, 1-32.

(BRESLAU) Lebert, 1866a, 181-183; 1866b, 465-570; 1866c, 195-199, 217-219, 254-257, 294-298, 321-324, 349-351; 1866d, 1-63.—Ostrowicz, 1866a, 1-23.

(BRUXELLES) Dele, 1879c, 473-532; 1880a, 451-452; 1883a, 1-89.—Mégn., 1880f, 26, 40, 51, 62.

(BUFFALO, N. Y.) Buffalo MSJ, 1864, v. 3, 430-436, fig.

(DETROIT) Bradley, 1875a, 13-18, 33-34.

(FORLÌ, ITALY) Casati, 1879a, 1-44, pl. 1 figs. 1-9.

(FRANCE) Robin, 1865a.

(ITALY) Dancsi, 1881, G. l'Impar., v. 11 (2), 212-213, 254-255.—Volpino, 1917, Pol.; 1917, MR, 1157.

(KHARKOV, RUSSIA) Nebykov, 1886a, 49-118, 1 chart; 1886b, 1-72, 1 chart.

(MADRID) Prieto y Prieto, 1879a, 237-269.

(MILAN) dell'Acqua, 1866, 652-658; 1869, 113-122, 129-134.—Antonietti, 1879, 58-65.—Guzzoni, 1879a, 1-29; 1879b, 77-78, 101-116, figs. 1-4; 1879c, 641-642.—Valerani, 1869a.

(MONTPELLIER) Farjou, 1865a.

(NEWARK, N. J.) Eyrich, 1866a, 421-424; 1867a, 90-94.

(NEW YORK) Blachham, 1875a, 240-252.—Jewett, 1886a, 234-245, figs. 1-4.

(ORLEANS, FRANCE) Bardou, 1868a, 193-198, figs. 1-2.

(PARIS) Acloque, 1913, Cosmos, v. 68, 92-94, fig. 1.—Barth, 1884b, 609-614.—R. Bl., 1887e, 113-170; 1881i, 412-413.—Cagny & Gobert, 1910, Dv, v. 2, 951, 952, fig. 1938.—Catin, 1883a, 1-257; 1883b, 227-229; 1883c; 1883, AZeg, v. 1, xxvi-xxx.—Dav., 1881a, 249-263.—GhMC, 1866, v. 3 (9), 131-133; (10), 148-149.—GmP, 1866, v. 21, 193-194, 232-233.—Laborde & Dassy, 1881a, 101-103, 111-113; 1881b, 254-255.—Lab., 1879b, 163, 178.—Levy, 1879a,

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297–508.—Libert, 1884a, 434–440; 1884b, 62–69 (see Virchow, 1884, 527–544).—de Pietra Santa, 1881a, 109–115.—Robinet, 1866a, 389–392.—Rodet, 1865a, 1–56, pl. 1; 1866a, 1–50, pl. 1.—Vacher, 1881a, 86–87.

(PAVIA) Visconti, 1879b; 1879c, 1–21, pls. 1–2.

(PETROGRAD) Petropavlovsky, 1905a, 595–638, 714–743, 841–879, figs. 1–7.

(PRAG) Fleckles, 1866a.

(SARZANA, ITALY) de Marchi, 1865a.

(TORINO) Moriggia, 1868a, 11–19.—Tommasi-Crudeli, 1863a, 349–371, 413–477.

(U. S. A.) Ashford, 1902, 123 (army).—Wilson, 1881, RCUSC, v. 13 (11), 355–359.

(WARSAW) Seifman, 1864a, 219–251, figs. 1–6.

(WASHINGTON, D. C.) Glazier, 1881a, 1–212, figs. 1–87.

—, Verbreitungsart:

(MÜNCHEN) Staeubli, 1909a, 325–330; 1909f, 411; 1909g, 176; 1909h, 83–84; 1909i, 143–144; 1909k, 749; 1909l, 408; 1909m, 1859; 1909n, 662; 1909s, 395–396; 1910, MvdS, v. 17 (2), 23–24.

—, wandering:

(BERLIN) Ostertag, 1892, 45–50.—Rohowsky, 1909, DFZ, v. 6 (9), 131–133.

(KIEL) Geisse, 1894a, 1–18; 1895a, 150–160, 1895b, 912; 1895c, 655; 1895d, 437; 1895e, 12; 1895f, 533; 1895g, 795–796; 1895h, 588; 1896a, 196; 1897a, 96–97; 1897b, 208; 1897c, 474.

(PEST) Ratz, 1895f, 1–8.

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uncinata Erc., 1859a, 362–363, fig. 75 (in Equus cab.; by Erc.).—Giuseppi, 1897a, 186 (embryo of Fil. papillosa).—[Mazzanti, 1900b, 626.]—Rail., 1915, RMv, 511; 1915, IVC, 748 (in horse, ox).—Rail. & Henry, 1915, BSPE, 696.—Seur., 1916, 362.

RICHINÆ Burm., 1856a, 279 (family).

RICHINALIS Aitken, 1866, 843 (refers to Trichoc. dispar).

RICHINE Bischoff, 1840b, 493 (for Trichina).—Also by various authors as a vernacular name.

spirale (Owen, 1835) Bert & R. Bl., 1885a, 579.

spiralis (Owen, 1835) Bischoff, 1840b, 493.

RICHINELLA Rail., 1895a, 1303 (Trichina Owen renamed, hence type species *spiralis*).

(DEUTSCHLAND) Braun, 1903a, 244, 248, 250, 253; 1906a, 19, 311 (in Calliphora vomitaria); 1908a, 283, 313; 1915a, 285, 289, 332.—Hempel., 1912a, 101, 103, 105.—Looss, 1911a, 188.—Neum. & Mayer, 1914a, 412.

(FRANCE) R. Bl. 1895, 746.—Brumpt, 1910a, 333, 416; 1913a, 479.—Gedœlst, 1911a, 114.—Nev.-Lem., 1904a, 97; 1906a; 1908a, 418; 1912a, 651.—Verdun, 1907a, 321, 384.

(Gr. BRIT.) Cast. & Chalm., 1910a, 427.—Daniels, 1910a, 124; 1914a, 133.—Daniels & Stanton, 1907a, 350.

(NETHERLANDS) Sl. & Sw., 1912a, 339–348.

(U. S. A.) Hall, 1913, S. v. 37, 197–198; 1916a, 9, 10, 178.—Pratt, 1916a, 221.—Rans., 1911a, 15, 110, 120, 121.—Stiles, 1914, MM, v. 2, 271.—Stiles & Hass., 1905b, 143.—Ward, 1903l, 207, 217; 1916, 677, 678, 694.

(MISCELLANEOUS) F., S., & T., 1916a, 421, 423, 427.—Garin, 1913, 9–10.

spiralis (Owen, 1835) Rail., 1895a, 1303; 1897a, 1134; 1915, RMv, 494, 510; 1915, IVC, 736, 747 (in birds).

(BUDAPEST) Hut. & Mar., 1910b, 859; 1913a, 503.

(BUENOS AIRES) Wolffh., 1911, LZ, 57.

(DEUTSCHLAND) Braun, 1903a, 251, 280, fig. 211; 1906a, 311–313 (in Anas, Canis fam., C. vulpes, Cricetus vulgaris, Erinaceus europæus, Felis, Gallus, Hippopotamus, Lepus cuniculus, L. timidus, Meles taxus, Mus decumanus, M. musculus, M. rattus, Mustela foina, Procyon lotor, Putorius fœtidus, Sus scrofa dom., S. s. ferox, Talpa europæa), figs. 190, 206, 208; 1908a, 313; 1915a, 293, 332, figs. 266, 292, 293, 294, 295.—Braun & Lûche, 1909a, 150.—Edelm.,

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1914a, 287; 1915. HdH, 2 ed., 112.—Looss, 1911a, 224.—Neum. & Mayer, 1914a, 76, 412.—Seifert, 1908a, 553.

(ENG.) Cast. & Chalm., 1910a, 203, 346, 427, 449, 926; 1913a, 254, 456, 1293.—Daniels, 1910a, 71.—Daniels & Stanton, 1907a, 316, 317.—Leiper, 1907, 1297.—Rillers, 1914, VR, 51.—Sambon, 1908, 35.

(FRANCE) R. Bl., 1895, 746, 761–766, fig. 88.—Brumpt, 1910a, 146; 1913a, 479.—Gedølst, 1911a, 114 (in calf, cat, dog, guinea pig, hog, horse, lamb, man, rabbit).—Guiart, 1910a, 436.—Nev.-Lem., 1902a, 95, 110, 111; 1904a, 97, 112, 113, 115; 1906a, 285, 286, figs. A–D; 1908a, 465; 1912a, 769.—Roger, 1901, 95.—Seur., 1916, 304, 349, 350.—Verdun, 1907a, 384–389, fig. 137, 138, 139.

(JENA) Hempelm., 1912a, 108, 111.

(NETHERLANDS) Sl. & Sw., 1912a, 340, 341, 402, 404, figs. 191, 192, 193.

(PETROGRAD) Mordw., 1908, Amz. Petrograd, v. 13 (1–2), 189, 190.

(PRAG) Freund, 1913, Lotos, v. 59, 352–353 (in *Thalassarcos maritimus*).

(ROUMANIA) Leon, 1900a, 233–234.

(SWITZ.) Eichhorst, 1901a, 305.—Galli-Val., 1901c, 359 (in cobaye).

(U. S. A.) Pratt, 1916a, 221, fig. 353.—Smith, A. J., 1908a, 269 (in *Homo*).—Stitt, 1916a, 321, 322, fig. 74 (1).—Ward, 1903d, 704; 1903l, 217, 1916, 694, 696, figs. 4099–4103.(WASH., D. C.) Hall, 1916a, 4, 10, 12, 224, figs. 5–8 (in *Cavia porcellus*, *Cricetus cricetus*, *Epimys norvegicus*, *Lepus europæus*, *Mus albus*, *M. musculus*, *Oryctolagus cuniculus*).—Rans., 1907h, 1–6, figs. 1–5; 1911a, 15, 20, 121.—Stiles, 1907e, 605; 1914, MM, v. 2, 297.—Stitt, 1910a, 232, 240.

(WIESBADEN) Koch, 1910, EaP, v. 14 (1), 105–108.

(MISCELLANEOUS) F., S., & T., 1916a, 6, 18, 373, 421, 424, 425, 427, 428, 680, fig. 302.—Graham-Smith, 1913, 198.—Musser, 1913a, 437.

Trichinelliasis Ashford, 1908, 1238.—See Trichinosis.

TRICHINELLIDÆ Ward, 1907c, pl. 17.—Blgr., 1914, v. 7 (3), 248.—Cast. & Chalm., 1910a, 427; 1913a, 562.—F., S., & T., 1916a, 375, 419.—Hall, 1916a, 9, 10, 12, 19; 1916b, 517.—Rans., 1911a, 15, 18, 19, 20, 22, 23, 24, 110, 120 (f. contains *Trichinellinæ*, *Trichurinæ*).—Stiles & Crane, 1910a, 101.TRICHINELLINÆ Rans., 1911a, 15, 110, 120–121 (subf. of *Trichinellidæ*, contains *Trichinella*).—F., S., & T., 1916a, 421.—Hall, 1916a, 9, 10; 1916b, 517.—Rail., 1915, RMv, 494; 1915, IVC, 736.TRICHINELLOIDEA Hall, 1916a, 5, 9 (sup. fam., type *Trichinellidæ*): 1916b, 517.

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(AUSTRIA) OVwV, 1864, v. 22 (2), 161.

(BERL.) DK, 1864, v. 15 (8), 80.—Streubel, 1866a.—Virchow, Hertwig, Cohnheim, 1866 (Berliner Schlachtergewerk).

(DRESDEN) Erdmann, 1870a, 328–329.

(ELBING) Jacobi, 1874a, 103–108.

(HALLE) Vogel, 1866a, 383–384.

(HEILIGENSTADT) Schirmer, 1865a, 205–209.

(KIEL) Bockendahl, 1867b, 88–90.

(LAUENBURG) Volk, 1869a.

(LEIPZIG) Leuck., 1866d, 57–80; 1866f, 235–250.—Meissner, 1864a, 313–343; 1864b, 182–194; 1866a, 105–130; 1868a, 89–116; 1881b, 33–43; 1884a, 201–212; 1885a, 273–276.—Riemer, 1878a, 195–206; 1879a, 497–508.

(LEYDEN) de Jong, 1911, Cfb, v. 59, 417–423.

(NORDLINGEN) Model, 1866a, 1–28.

(RODA, GERMANY) Mæder, 1874b, 275–276.

(TOULOUSE) Leclainche, 1916, RgMv, v. 25, 198–206.

(WIEN) WmW, 1866, v. 16 (4), 67–69.—Witlacil, 1866a, 211–214.

(ZINTEN, OSTPREUSSEN) Risse, 1866a, 75–76.

(ZOPPOT) Benzler, 1865a, 507.

(MISCELLANEOUS) Knudsen, 1905, MfS, 59.

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(BAYERN) Arnold, 1910, Diss., Giessen, 1-55; 1911, CfB, v. 50, 175; 1912, DFZ, v. 9, 8.

(BERL.) BtW, 1899, 621; 1903 (36), 572; 1906 (44), 811. —Clausen, 1905, 474. —DFZ, 1909, v. 6 (1), 7-8, fig. 1; 1914, v. 11 (14), 163-164. —DtW, 1909, v. 17 (14), 200. —Glage, 1910, DFZ, v. 7 (3), 41-42. —Glamann, 1903a, 13-16; 1903b, 239 (Wildschwein). —Heiss, 1915, DSVZ, v. 15 (25), 248-249 (militärische). —JLGVM, 1899, v. 18, 208. —Koch, 1904, pp. 368-369. —Meyer, 1883b, 636-651. —Neubert, 1913, DFZ, v. 10 (11), 123. —Peters, 1903a, 245; 1904a, 276. —Püetz, 1892a, 591-592; 1893a, 98. —Steinbrüeck, 1906a, 152-153. —VkG, 1896, v. 19 (33), 573-576. —ZFM, 1891, v. 1 (4), 67; (12), 224; v. 2 (3), 60; 1892, v. 2 (6), 122; (7), 141-142; (9), 185; 1893, v. 3 (7), 153; 1894, v. 4 (10), 194; 1892, v. 8, 158; 1902, v. 13 (2), 60; 1903, v. 14 (3), 103; 1905, v. 15 (5), 156; 1905, 377-378; 1906, v. 16 (4), 113.

(BRAUNSCHWEIG) DSVZ, 1911, v. 11 (10), 142. —Braunsch. Landes., —?, v. 21. —Müell., 1891a, 123-137; 1891b, 175-176.

(BRESLAU) Wolff, 1886a, 1-74, figs.: 1896a, 1-102, figs.

(BROMBERG I. PREUSSEN) VkG, 1887, v. 11 (41), 611-614. —ZFM, 1892, v. 3 (2), 35-36.

(CHICAGO) Am. Agric., 1881, v. 40, 235.

(DEUTSCHLAND) Bohm, 1901a, 321-324; 1908, WTV, v. 52 (35), 667, 887; 1909, WTV, v. 53, 233-235; 1909, MtW, v. 53 (3), 598; (51), 905-906; v. 54 (2) 35; 1911, DSVZ, v. 11 (26), 295-298, figs. 1-3; (27), 411-412. —Edelm., [1902] 1903, 162, 234; 1905, Sept. 16, 435. —Hertwig, 1889b, 654-656; 1889c, 356; 1889d, 30-31; 1890a, 47-54. —Johne, 1905, July 20, 516. —Trebert, 1901a, 140-141; 1902a, 34-36. —VkG, 1877 (21); 1888, v. 12 (33), 499; 1889, v. 13, 106.

(DRESDEN) Preger, 1883a, 99. —Siedamgrotzky, 1888a, 82.

(ERLBACH) Herrmann, 1913, DFZ, v. 10 (7), 78 (possibility of overlooking tr.).

(HAMBURG) Helssen, 1910, DFZ, v. 7 (9), 134-135.

(LISBONNE) Ennes, 1881a, 546-547.

(LOND.) Vet., 1878, v. 51 (606), 361.

(LÜBECK) VkG, 1893, v. 17 (51), 994.

(MECKLENBURG-SCHWERIN) VkG, 1898, v. 22 (37), 774.

(MÜNCHEN) MtW, 1913, v. 57 (33), 627-629; 1914, v. 65 (4), 93; 1915, v. 66 (27), 522-524.

(PARIS) Bouley & Nocard, 1880a, 430-470.

(PHILA.) Boston, 1899a, 25, pl. 1.

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(SACHSEN) Breuer, 1881, BVK Sachs, v. 25, 87. —Haefen, 1915, MtW, v. 66, 126. —Misschwitz, 1897a, 186. —Peschel, 1886a, 94-95. —Wilhelm, 1883a, 99.

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(STOCKHOLM) Warfvinge, 1875a, 1-7.

(THÜRINGEN) Seyferth, 1875b, 141-144.

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(WETZLAR) Tierarzt, 1905, v. 44 (3), 53-55.

(WIEN) Anacker, 1893i, 344-347, figs. 2163-2165. —Wiederhold, 1865b, 193-194.

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(BRAUNSCHWEIG) ZFM, 1911, v. 21 (7), 232.

(DEUTSCHLAND) ZFM, 1897, v. 7 (10), 206.

(FRANCE) RMv, 1897, v. 74, v. 4 (13), 469.

(LEIPZIG) Herm., 1866b, 162-163.

(NÜRNBERG) Boehm, 1908, ZFM, v. 18 (7), 239.

(MAGDEBURG) Colberg, 1909, ZFM, v. 19 (10), 373.

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(BERL.) BtW, 1903 (45), 705.—TR, 1905, v. 11 (28), 224.—ZFM, 1903, v. 14 (1), 38 (Aufhebung); 1904, v. 14 (4), 133; (9), 327; 1905, v. 16 (1), 33 (Ausdehnung).

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- (MARYLAND) Gwyn, 1899a, 746-747 (with eosinophilia).
 (MEXICO) Armendaris, 1899, MRScAA, v. 12, 397-402 (intestinal).
 (MICHIGAN) Kiefer, 1907, DMJ, v. 7 (12), 440-441.
 (MIDDLESEX, ENG.) Liveing, 1865a, 276-277; 1865b, 374 (muscle).
 (MILFORD, IND.) Gilpin, 1879a, 135-138.
 (MINDEN, IOWA) Wyland, 1885a, 72.
 (MINNEAPOLIS) Head, 1909, SPMJ, v. 11 (3), 163-166; 1909, JMMA, v. 29 (5), 108-110.—White, 1909a, 165-166; 1909, JMMA, v. 29 (5), 109-110.
 (MINNESOTA) Bouley, 1886a, 361-363.—Carl, 1883a, 181-182.—Cates, 1885a, 117-121.—Schuldt & Bacon, 1908a, 231-242; 1908b, 1327; 1908c, 811 (clinical history, prognosis, treatment).
 (MISSISSIPPI) Alexander, 1892, 225-232, fig. 1.
 (MONTREAL) Bessey, 1869a, 544-557.
 (MOSKOW) Pozaryski, 1904a, 26; 1906a, 36-37.—Veh, 1877a, 397-400.
 (MÜNCHEN) Vkg, 1894, v. 18 (25), 393.
 (NEBRASKA) Boyd, 1912, Med. Era, St. Louis, v. 21 (4), 140-141.
 (NETHERLANDS) Carsten, 1891a, 1-2; 1891b, 56-57.
 (NEW CASTLE, PA.) Peebles, 1878a, 497-498.
 (NEW JERSEY) MR, 1896, v. 50, 487.—Reading, 1898, TMSNJ, 415-416.
 (NEW ORLEANS) Souchon, 1867a, 777-779.
 (NEW YORK) Blumer, 1900a, 14-24; 1900b, 71; 1900c, 722-723; 1902a, 48-9.—Bovaird, 1906, NYMJ, v. 83 (9), 436-440; (10), 486-493, figs., charts; 1906, MSRP, v. 7, 114-149, fig. 1, charts 1-4.—Brooks, 1900, MR, v. 57 (20), 885; 1901, PNYP, 167-168.—Buck, 1869a, 7-9.—Clock, 1908, AVR, v. 32 (5), 609-610.—Ferrer, 1907, MR, v. 71 (9), 351-352.—Flandrau, 1870a, 245-248.—Gordinier, 1900a, 965-968, fig. 1; 1900b, 634 (importance of eosinophilia in peripheral circulation as an aid to diagnosis).—Gould, 1903a, 513-518; 1903b, 929 (value of eosinophilia).—Hun, 1869a, 1-10; 1869b, 157-172, figs. 1-5; 1869c, 1-16, figs. 1-5.—Joachim, 1913, LIMJ, v. 7 (9), 354-356.—Kinnicutt, 1900a, 478 (diagnosis suggested by examination of the blood, eosinophilia).—MR, 1881, v. 19, 499.—Mellersh & Fussell, 1907, NYMJ, v. 85, 441-443; 1907, MR, v. 85, 441-443.—Morgan, 1911, BLH, v. 7 (4), 161-162 (developing during the puerperium).—Morris, 1898, PG, v. 13 (12), 1021.—NYMJ, 1891, v. 54, 605 (on board ship).—Parker, 1907a, 179-181; 1907b, 273; 1908, MSRP, v. 8, 310-317; 1909, MRR, v. 25 (9), 609 (eye symptoms).—Séguin, 1868a, 116-118.—Sicard, 1914, MR., v. 86 (7), 283-285; 1914, JTMH, v. 17 (22), 347-349.—Thomps., 1900a, 478 (see Kinnicutt, 1900a, 478).—von Wagner, 1898, PG, v. 13 (12), 1018-1022.—Weekly Bull. Dept. Health, 1916, v. 5 (19), 146-147.
 (NÜRNBERG) Augsburg A., 1887, (305), 5 Nov.—Böhm, 1914, v. 65 (27), 651-652.—Vkg, 1887, v. 11 (46), 668; v. 12 (18), 269.
 (OHIO) Johnst., 1888a, 54-55; 1889a, 147-149.—Mon. San. Rec., 1888, 12-13.
 (OSTSEEPROVINZEN) Worms, 1880a, 67 (raw ham).
 (PARIS) Remy, 1907a, 985-987; 1907b, 451; 1907c, 562-3; 1907d, 554-555.
 (PENN.) Blackburn, 1912-13, PMJ, v. 16 (10), 786-9.—Furey, 1881a, 112-115; 1887a, 599-601.—Mottet, 1893a, 325-335.—Rau, 1886, PANs, 254-255.
 (PEPPERELL, MASS.) Merrill, 1891a, 320-1; 1892a, 485 (treated with arsenic).
 (PETROGRAD) Grūnewaldt, 1880a, 24-25.—Kashkaroff, 1881a, 450-452.—Kernig, 1880a, 2-6; 1880b, 99-101.—von Maydell, 1866a, 81-85.—Utrobin, 1913, RV, v. 13, 398-400; 1913, ZFM, v. 23 (24), 573 (mit interkurrentem Verlauf).
 (PHILA.) Barton, 1880a, 173-175; 1881a, 419.—Da Costa, 1901a, 671.—Da Costa & Dorsett, 1901a, 725-730, figs. 1-4.—Leidy, 1859a, 3.—MSR, 1878, v. 38, 425.—Rosenberger, 1901a, 730-736 (eosinophilia).—Stockton-Hough, 1869a, 565-566; 1870a, 282.
 (PITTSBURG) Gärtn., 1887a, 151-153.—Mercur & Barach, 1910, AIM, v. 5 (5), 530-1, fig. 1; 1910, JTMH, v. 13 (12), 191 (parasite in blood and muscle).
 (PLAUE) AdH, 1864, v. 5, 514-517.—Böhler, 1863a, 1-90, figs. 1-3.—Fiedler, 1866.—Küech., 1862a, 184-186.—Knoch, 1862f, 255-262.
 (PLESCHEN) ZFM, 1902, v. 12 (9), 286 (sausage).

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- (PORT HURON, MICH.) Northup, 1876a, 32-34.
 (PORTLAND, ORE.) Magruder, 1915, PHR, v. 30 (32), 3697.
 (PORTUGAL) Parreira, 1915, Mc. v. 33, 187-190.
 (POSEN) Samter, 1864b, 215-221.—VKG, 1891, 151, 171, 187, 239, 253, 273, 317; 1892, v. 16 (5), 73; 1893, v. 17 (20), 317; 1894, v. 18 (16), 245; (19), 297; (20), 314; (21), 329.
 (POTSDAM) BkW, 1874, v. 11, 70 (zahlreich).
 (POUGHKEEPSIE) Ditman, 1911, MSRSLH, v. 2, 127-130.
 (PRAG) Knoll, 1866a, 144-162.—von Stransky, 1897a, 597-8; 1898a, 171.
 (PREALLE) Herm. & Malvoz, 1893a, 264-266 (enquête microscopique).
 (PREUSSEN) Boehm, 1912, ZFM, v. 23 (3), 67-68.
 (PUNITZ, POLAND) Vet., 1894, v. 67 (803), 874.
 (QUEDLINBURG) Behrens, 1863a, 293-295.
 (RAVENNA, OHIO) Loughhead, 1889a, 147 (family, raw ham).
 (REGENSBURG) Boehm, 1914, MtW, v. 65 (25), 596-7 (im Schlosse Prüfening).
 (RICHMOND, VA.) VanderHooft, 1908a, 18-23 (methods of diagnosis).
 (RIGA) Hampel, 1882, 91-92.
 (ROCHESTER, MINN.) Granger, 1914, SPMJ, v. 16 (7), 399-404.
 (SACHSEN) Riedel, 1888b, 27-28.
 (ST. LOUIS, MO.) Dean, 1867a, 215-217.—Taake, 1906a, 364-368.
 (SAN FRANCISCO) Kerr, 1900a, 346-248, tables 1-2 (eosinophilia).
 (SCHWETZ) Meschede, 1864a, 471-474 (und Leberechinococcen).
 (SIERRA LEONE) Burrows, 1910, JTM, v. 13, 102-103.
 (SPRINGFIELD, MASS.) Calkins, 1867a, 209-214.
 (STOCKHOLM) Warfvinge, 1876a, 182-183.
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 (TOLEDO) Hohly, 1874a, 303-313.
 (TORINO) Bertarelli, 1900a, 5-8.
 (TULA) Makarevski, 1912, VOv, v. 24, 383-385 (from pork).
 (U. S. A.) Boston, 1905, Sept. 16, 477.—Grancher, 1887, RTCcHpF, v. 16, 482-483.—MacKenty, 1908, AM, v. 14 (2), v. 3 (2), 69-71; 1908, SPMJ, v. 10 (6), 365; 1909, MEETHR, v. 10, 115-121 (upper respiratory passages).—Thomps., 1910, AJMS, v. 140 (2), 157-166; 1910, TAAP, v. 25, 274-286; 1910, MR, v. 77 (23), 984; 1910, AM, v. 16, v. 5 (8), 433; 1910, NYMJ, v. 92 (6), 292; (8), 386; 1910, JAMA, v. 55 (10), 886; 1910, BMJ, v. 2, 65; 1910, USNB, v. 4 (4), 580-581.—VKG, 1886, v. 10 (11), 155.—Vet., 1881, v. 54 (640), 245.
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 (VIRGINIA) Slaughter, 1902a, 525-529.
 (WARSAW) Korybut-Daszkiewicz, 1908, MiKl, v. 43, 574-577.
 (WASH., D. C.) Trist, 1866a, 373-378.
 (WERDER) Möellendorff, 1864a, 364-366 (tr. found in Pommern hog).
 (WHEELING, W. VA.) Weisel, 1871a, 303-305.
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 (WILDELMANN, OBERHARZ) VKG, 1887, v. 11 (46), 665.
 (WISCONSIN) Cooper, 1914, Wis.MJ, v. 12 (11), 365-366; 1914, JAMA, v. 62 (21), 1692 (unusual blood-picture).
 (WÜRTTEMBERG) Haeberlein, 1879a, 201-206, 215-216.
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- (BERL.) DSVZ, 1909, v. 9 (19), 267.—Duncker, 1880a, 65.—JLGVM, 1903, v. 22, 240.—Tuengel, 1863a, 421-424.
- (BINGHAMTON, N. Y.) MN, 1898, v. 73 (3), 89.—PMJ, 1898, v. 2, 146.
- (BOSTON) Bowditch & Jackson, 1842a, 117-128, figs. 1-5.—Sumner, 1888, BMSJ, v. 119, 249, 251.
- (CARROLLTON, ILL.) Dupuy, 1839, Med. Ex., v. 2, 66.
- (CHEETONAGA, N. Y.) Krombein, 1864a, 431-432; 1864b, 283-284.
- (CLAY CO., ILL.) Boyles, 1869a, 322-324.
- (CLEVELAND, OHIO) Howard, 1899a, 1085-1087; 1898b, 799 (without eosinophilia, but with large numbers of eosinophilic cells in muscle lesions).
- (DE KALB CO., ILL.) NMYJ, 1870, v. 11 (1), 107-108.
- (DUBLIN) DMP, —, v. 43, v. 1 (24), 462.
- (HAMPSHIRE, ILL.) Reed, 1870a, 129-134.
- (INDIANA) Commons, 1881a, 54-65.
- (IOWA) Moorehead, 1891a, 142-144; 1891b, 156-7.
- (KJOBENHAVN) Floystrup, 1904, UfL, 631; 1904, DMZ, (72); 1904, BtW, 657; 1905, v. 3, 176; 1905, 130.
- (LEIPZIG) Cohnheim, 1865a, 447-451; 1885a, 27-31 (mit parenchymatöser Degeneration von Leber, Herz, und Nieren).
- (LOND.) Beadles, 1898, TPSL, v. 49, 262-289, pl. 8, figs. 1-6 (associated with Myxodema).
- (MAGDEBURG) Voigtel, 1865a, 837-841, 853-856.
- (MARION, LINN CO., IOWA) Jackson, 1867a, 101.—Med. News & Lib., 1866, July.—Smith, 1866a, 337-341.
- (MUSTAPHA) Thiéry, 1885a, 382-384 (from Malta).
- (NEW YORK) Am. Med. Times, 1864, 91-92.—Barry, 1891a, 677.—Siebert, 1891a, 301-304 (Differentialdiagnose).—Wendt, 1881a, 662-663; 1881b, 299-300.
- (OBERFRANKEN) Rogner, 1879, WTV, v. 23, 267-269.
- (PENN.) Stengel & Marks, 1911, PPS, v. 32, v. 14 (2), 41-2.
- (PETROGRAD) Erichsen, 1866a, 162-165.
- (PHILA.) Bertolet, 1876a, 251 (entire family).
- (PREUSSEN) ZFM, 1904, v. 14 (5), 165.
- (SOBIA, SPAIN) ZFM, 1914, v. 24 (16), 385.
- (SPRINGFIELD) Hooker, 1867a, 390-391.
- (U. S. A.) Vkg, 1887, v. 11 (17), 257.
- (WARSAW) Klink, 1875a, 241-250 (symptoms, muscle inflammation).
- (WASHINGTON STATE) F. Blanchard, 1889a, 13; 1889b, 69.
- (WASH., D. C.) AMMJ, 1889, v. 10 (3), 69.
- (WIEN) Hein, 1883a, 98-105, 113-122, 133-140, 147-152; 1883b, 2-8, 17-23, 31-38, 49-55, 57-64; 1883c, 387-395 (nach dem Genusse von Pferdefleisch; Diagnose, Verhütung).—Kolb, 1866, WZkkGA, v. 22 (25), 282.
- (WÜRTTEMBERG) Pfeilsticker, 1885a, 159.
- , —, —, autopsy:
- (BOSTON) Garceau, 1895a, 512-3, fig. 1.—Jackson, — ? —, B. Soc. Med. Imp., 1-14, pl. 1.
- (DEUTSCHLAND) Knorr, 1912, DAKM, v. 108 (1-2), 137-159.
- (U. S. A.) Bernstein, 1913, MR, v. 83, 1169-1170.—Pepper, 1838a, 5 6 (severe inflammation of stomach and intestines).
- , death, cause of:
- (QUEDLINBURG) Schauenburg, 1872a, 294-313.
- , decrees:
- (BADEN) Vkg, 1889, v. 13 (35), 531-532.
- (HANOVER) Küster, 1906, DtW, v. 14 (33), 403.
- (MÜNCHEN) Metschnabel, 1870a, 145-146.
- (PREUSSEN) FVII, 1906, v. 4 (5), 105 106.—PmZ, 1863, v. 6 (16), 121 122; (17), 129-132.

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- (BERL.) Welcker, 1861a, 453-454.
 (BOSTON) Cabot, 1897, BMSJ, v. 137 (27), 676.
 (CALIFORNIA) Cheney, 1903, AM, v. 6 (25), 985-987; 1903, NYMJ, v. 78 (26), 1249; 1904, JAMA, v. 42 (1), 56.
 (CHICAGO) Bloch, 1916, JAMA, v. 66 (11), 837.
 (DETROIT) Gundrum, 1879, MMN, v. 2 (9), 106-107.—Stowell, 1879, 79.
 (LEIPZIG) Wunderlich, 1861a, 269-274; 1863a, 311.
 (LOND.) Fagge & Pye-Smith, 1902a, 471.
 (PARIS) Sée, 1882a, 157-163; 1882b, 1-11; 1882c, 338-340; 1882d, 416-417; 1882e, 237-238; 1882f, 246.
 (PHILA.) Lockwood, 1901a, 824.—Tyson, 1903a, 1192-1193.
 (U. S. A.) Anders, 1903a, 1254.
- , —, by examination of blood:
 (UTICA, N. Y.) Stump, 1899a, 1318.
 (WIEN) Gaisbock, 1909, WkW, v. 22 (12), 402-438; 1909, MmW, v. 55 (14), 729; 1909, BkW, v. 46 (16), 751; 1909, JAMA, v. 52 (18), 1468; 1909, CmW, v. 47 (29), 490-491; 1909, BMJ, v. 2, 84.
- , diagnosis, eosinophilia (see also below, Eosinophilia):
 (BALTIMORE) Brown, 1897a, 79-81; 1898a, 315-347, pls. 25-27; 1898b, 44; 1898, BMSJ, v. 139 (9), 218-219; 1899a, 12-14; 1899b, 426.
 (CHICAGO) White & Pratt, 1908a, 1054.
 (MINNEAPOLIS) White, 1908a, 242-254; 1908b, 78.
 (PHILA.) Atkinson, 1899, 1243-1244.
- , —, microscopic:
 (BALTIMORE) Simon, 1896a, 183, 195, fig. 58 (and chemical).
 (PLAUE) Böehler & Koenigsdörffer, 1862a, 1-10, pl. 1 figs. 1-4.
- , —, Röntgen rays:
 (DEUTSCHLAND) Fränkel, 1905, Feb., 156.
- , Serodiagnosis:
 (DEUTSCHLAND) Ströbel, 1911, MmW, v. 58 (13), 672-674, tables 1-5; 1911, MR, v. 79 (16), 737-738.
- , diagnosis and pathology:
 (MINNEAPOLIS) White, 1908a, 242-254; 1908b, 78.
 (PETROGRAD) Lewin, 1891a, 353-356; 1891b, 26-37, figs. 1-6; 1892a, 419; 1892b, 35-36; 1892c, 414-415.
 (SOUTH BEND, ILL.) Partridge, 1881a, 140-141.
- , —, —, and history:
 (SOUTH BEND, ILL.) Partridge, 1883a, 140-144.
- , —, and treatment:
 (AUSTRIA) Engelsberg, 1861a, 38; 1861b, 10.
- , —, —, and symptoms:
 (LOND.) Mans., 1901c, 551 (and mortality).
 (PARIS) Ricklin, 1881a, 104-106.
 (PHILA.) Lockwood, 1901a, 823-825.
- , and other diseases, acrodynia:
 (FRANCE) Le Roy de Mericourt, 1865a, 692-695; 1865b, 53-65; 1865c, 620-621; 1866a, 154-155.
- , —, cancer, carcinoma, epithelioma:
 (BASEL) Hedingcr, 1909, SmB, 25 mars; 1909, Pm, v. 17 (69), 614.
 (BERL.) Klopsch, 1866a, 609-610; 1866b, 115; 1866c, 622.—Timm, 1864a, 447-448.
- , —, —, lip:
 (U. S. A.) Babler, 1908, AS, v. 48, 332-334, pls. 1-2; 1908, JAMA, v. 50 (15), 122.
- , —, —, mammæ:
 (BERL.) Nobiling, 1870a, 409-410; 1873a, 95.
 (DENMARK) Strandgaard, 1900a, 1086-1087.

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(BURSCOUGH, ENGLAND) Robson, 1900a, 353; 1900b, 1183.

(MOSKOW) Zerenin, 1911, MO, v. 76, 585-587.

—, —, and tuberculosis:

(HAMBURG) Paulicki, 1869a, 79-81.

—, —, typhoid fever:

(BALTIMORE) McCrae, 1902a, 56-64; 1902b, 223; 1902c, 745; 1902d, 93.

(HAVANA) Tamayo, 1881a, 201-207.

—, —, typhus:

(BERL.) Fischer, 1898a, 821.

—, Eosinophilia:

(BALTIMORE) Opie, 1904a, 30-31; 1904b, 461; 1904c, 572; 1904d, 447-493, charts 1-2; 1904e, 979; 1904f, 671; 1904g, 447; 1904h, 671; 1905a, 1-17, charts 1-2; 1905b, 1.—Thayer, 1897a, 787-788; 1898c, 654-655; 1899a, 126-131.

(BUFFALO) Williams & Bentz, 1903a, 919; 1903, TAAP, v. 18, 152-156.

(CONNECTICUT) Bartlett, 1908-09, Yale MJ, v. 15, 229-231.

(DEUTSCHLAND) Hübner, 1911, DAKM, v. 104 (3-4), 209ff; v. 104, 286-299; 1912, KtW, v. 19 (12), 347-351.

(HOMBERG) Schleiss, 1903a, 1799; 1903b, 693-694; 1904a, 59-62; 1904b, 1-38, figs. 1-2; 1904c, 580-581; 1904d, 572; 1904e, 653-654; 1904f, 1717; 1904g, 65; 1904h, 1176; 1904i, 1046-1047; 1904k, 1026; 1904l, 878; 1904m, 274-275.

(MASSACHUSETTS) Cutler, 1902, TAAP, v. 17, 356-362.

(MILWAUKEE, WIS.) Patek, 1901a, 513.

(MÜNCHEN) Bittner, 1913, Fh, v. 15 (1), 237-315; 1914, Diss., Feb.—Stäubli, 1905q, 286-341, figs. 1-7; 1905r, 971; 1906a, 919; 1906b, 272-273; 1906c, 166-167; 1906d, 125-126; 1906e, 414; 1906f, 572; 1907c, 1011-1012.

(NEW YORK) Ottenberg, 1907a, 594-598.

(PHILA.) PMJ, 1898, v. 2 (23), 1159.

(SCHLEIP, HESSE) GhSmB, 1903, v. 24 (43), 526.

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(AMSTERDAM) Varekamp, 1911-12, MW, v. 16, 487, 499, 511, 523, 531.

(ANDELINGEN, SWITZERLAND) Liebermeister, 1867a, 223-237; 1867b, 510-512.

(ANHALT) BkW, 1877, v. 14, 269.

(ANN ARBOR, MICH.) Microscope, 884, v. 4 (1), 22.

(AUGUSTUSBERG) Gelbke, 1905, 8 Mar., 177; 1905, 486-493, figs. 1-4; 1906, DmW, v. 32 (2), 80; ASZ (24) (legal).—Johne, 1905, ZT, v. 9 (3-4), 299-308.—Kuhn, 1905, v. 20, 227-228.—ZFM, 1905, v. 15 (9), 291 (legal case).

(BAYERN) Bocale, 1910, MmW, v. 57 (12), 641-643.—Bœhm, 1908, Al, v. 31 (35), 433; 1908, DtW, v. 16 (32), 465; 1908, WTV, v. 52 (28), 525-528 1909; DSVZ, v. 9 (40), 577-578; 1909, H, v. 4 (11), 84-85; 1909, MtW, v. 53 (19), 354; v. 53 (40), 725; v. 53 (52), 924; 1909, TC, v. 32 (4), 57-58; ZFM, v. 19, 305-308; v. 20 (2), 33-35; 1910, CfB, v. 45 (20), 617; 1910, DtW, v. 18 (16), 245; 1910, MfD, v. 21 (21), 589-590; 1910, TC, v. 33 (19), 300; 1912, ZFM, v. 22, 265-266.—Maurer, 1871a, 368-386, figs. 1-3.

(BELGIQUE) RMv, 1893, v. 10 (9), 321.

(BERL.) DSVZ, 1911, v. 11 (26), 388.—JCPT, 1896, v. 9 (1), 65 68.—ZFM, 1893, v. 3 (7), 153.

(BLANKENBURG AM HARZ) Scholz, 1862a, 494 496, 501-503; 1864a, 174-5, 204-5 (gastrisch-rheumatische Fieber mit acutem Oedem des subcutanen Zellgewebes und der Muskeln).

(BOVENDEN I. PREUSSEN) Krämer, 1872a, 277-282, 289 293.—Seebohm, 1872a, 1-50.

(BRAUNSCHWEIG) Blasius, 1882a, 665-668.—SPmW, 1882, v. 7 (42), 363.—Scholz, 1863a, 361-362.—Vkg, 1887, v. 11 (37), 551; (44), 641-642.

(BUCKAU) Sendler, 1862a, 261-265 (acutes Oedem des subcutanen Zellgewebes und der Muskeln).

(BURG) Klusemann, 1863a, 396-397.

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- (CADOLZBURG) Spaet, 1912, *MmW*, v. 59, 1319-1323.
- (CALBE A. D. S.) Kanzler, 1863a, 259-262.—Simon, 1862a, 297-301, 305-307.
- (CARTAGENA) Ruiz y Sanchez, 1887a, 115-120, 135-6, 147-151, 166-170, 179-185, 195-201, 211-217.
- (CELLE) Baring, 1864a, 236-238; 1864b, 338-343.—Møelleney, 1879, 32.—Scheller, 1864, *ZpHMW*, v. 1 (2), 236.
- (CHARCOW) ('v, 1908, v. 31 (11), 189-190.—Deduelin, 1907, *ZFM*, v. 18 (4), 139; 1908, *WTV*, v. 52 (2), 34.—Georgiyevski, 1908, *RV*, v. 7, 73; 1908, *DmW*, v. 34 (13), 564; 1909, *HR*, v. 19 (6), 354.
- (CHEMNITZ) Flinzer, 1875a, 40-41.
- (CËLN) Kortum, 1883a, 1-13 (unter Truppen der Garrison).
- (COLRAIN, MASS.) Drew, 1892a, 679-685; 1892, *BMSJ*, v. 127, 61-64.
- (“CORNWALL,” SHIP, ENGLAND) Bast., 1880a, 68-77, figs. 1-3 (spurious).—Power, 1880a, 1-61, pls. 1-3, charts, 61-67; 1880b, 466-480, fig.; 1880c, 350; 1880d, 164.—Tower, 1880, *AVR*, v. 4 (7), 164.—Vet., 1880, v. 53, 127-8; v. 53 (628), 291.
- (CUNEWALDE) Riedel, 1888c, 42; 1888d, 66-67; 1888, *VkG*, (15), 227.
- (DESSAU) Mann, 1865a, 249-251.
- (DEUTSCHLAND) Boudin, 1864a, 453-463; 1864b, 129-152, 193-199, figs. 1-3; 1865, *AMv*, v. 14 (1), 34-38.—Chauveau, 1866a, 326-333.—Edelm., 1905, 1 Apr., 153.—Grancher, 1884a, 17-21.—Hübner, 1912, *CfB*, v. 62, 373-383; 1912, *DmW*, v. 38 (7), 340-341; 1912, *MR*, v. 81 (21), 995.—Kestner, 1864a, 33-36, 56-66, 86-91, 109-114; 1864b, 1-89, pls. 1-2; 1864c, 560-561; 1864d, 453-463.—RMv, 1866, v. 3 (4), 249-254; (5), 326-333.—Stiles, 1901s, 9-211; 1902c, 157-158; 1902d, 526-527; 1902e, 785; 1902f, 692-694; 1902g, 272-273.—Thudichum, 1864a, 75-77.—Vet., 1874, v. 47 (564), 906; 1883, v. 56 (671), 744.
- (DINGELSTAD) Union méd., 1880, v. 30 (164), 972.
- (DIOSGYËR, HUNGARY) Ballagi, 1891a, 618-621.—Hut., 1891a, 621-2.
- (DRESDEN) Erdmann, 1871a, 9-10.—Fiedler, 1865b, 503-513; 1865c, 461-462 (Verlauf der Körpertemperatur).—Küech., 1866e, 11-12 (Frenzer).
- (EMERLEBEN, DEESDORF, NIENHAGEN, THORN) Bouley, 1884a, 32-3, 57, 58.—Grancher, 1884b, 13-17; 1884c, 34-5, pls. 1-2; 1884d, 47-56; 1884e, 143-157, pls. 1-2; 1884f, 147-154.—Hanlo, 1884a, 37-39.—NYMJ, 1884, v. 39 (3), 71.—Stammer, 1884a, 2-3; 1884b, 7-8; 1884c, 180-182.—Vallin, 1883a, 969-973.—Wagner, 1884a, 1-79, charts 1-13.—Winselmann, 1884a, 13-4; 1884b, 180-182.
- (FAR ROCKAWAY, N. Y.) Salzer, 1916, *JAMA*, v. 67 (3), 579-580 (serum treatment).
- (FRANCE) Lab., 1879b, 163, 178 (la première observée en France); 1881b, 206-218.
- (GARHWAL, CALCUTTA) Thomps., 1907, *IMG*, v. 42 (10), 373-374.
- (GIESSEN) Mosler, 1865a, 422-429.
- (GIVES) Riedel, 1888, *AMv*.
- (GOES, HOLLAND) Hendrickx, 1888a, 645-648; 1889a, 473-474.
- (GÖTEBORG, SWEDEN) Ammitzboell, 1882, 101-3, 104, 105.—Bostroem, 1882a, 184-187.
- (GËTT.) Husemann, 1895a, 519-520, 537-9, 554-5 (16th century).
- (GREIFSW.) Grohe & Mosler, 1866a, 473-477.—Land., 1863c, 29-30.
- (GR. GOTTERN) Seyferth, 1875a, 47-8.
- (HALBERSTADT) Brouardel, 1883a, 621-6; 1883b, 440-460; 1883c, 1501-1518, 1521; 1883d, 616-620; 1884a, 5-6; 1884b, 121-142, 283-294, 461-477; 1884c, 5-25, 124-136, 217-234, 321-332; 1884d, 51-2, 54-5, 56, 58, 68, 69; 1884e, 2-13, 14-16; 1884f, 71-88; 1884g, 401-415.
- (HALLE) Haring, 1866, *Savannah JM*, v. 5 (2), 83-87.
- (HANOVER) PmZ, 1864, 320.
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(IGLAU) Schwartz, 1891a, 206-207.

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(IOWA) Albert, 1910, AJMS, 167-174; 1910, BMJ, Ep., 65; 1910, JAMA, v. 55 (10), 886; 1910, NYMJ, v. 92 (8), 386-387.—Albert & Norris, 1908, 5-15, charts a-b; 1908, BMJ, 1902-1903; 1909, VR, 495-496 (boiled ham; eosinophilia).—McClure & Ware, 1915, JISMS, v. 5 (5), 182-191.

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(LEIPZIG) Wagner, 1864a, 183-187; 1864b, 348; 1864c, 226-227.

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(MCCLOUD, CAL.) Runckel, 1912, CSJM, v. 10 (7), 286-287.

(MADRID) de Segovia, 1908a, 212-215; 1908b, 1604.

(MAGDEBURG) Pomte, 1873a; 1873b, 339.—PmZ, 1864, 296 (und Strassfurt).

(MALAGA) Chatin, 1883, BAM, v. 12, 498-499.

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(PENN.) Ballagi, 1913, NYMJ, v. 98 (24), 1166-7.

(PETROGRAD) Galperin, 1908, VmJ, 442-453.

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(ERLANGEN) Zenker, 1865b, 477-480.

(LEIPZIG) Huber, 1897a, 684-686; 1897b, 34.

(LOND.) Cobbold, 1866l, 224-225; 1866m, 291; 1866n, 302; 1882k, 911; 1882l, 1056.—Nunneley, 1866a, 252-253.—Owen, 1882b, 989; 1883, JAP, v. 19, 108-110.—Paget, 1866a, 269.—Peacock, 1828a.—Wilks, 1866a, 269-270.—Windsor, 1866a, 319-320.

(NEW YORK) MR, 1899, v. 51, 504.

(PHILA.) Phila. Press, 1890, 8 Jan.

(ROTTENBURG A. N.) Ritter, 1864a, 97-98, 105-110, 113-115, 121-123.

— in man, including cases, clinical discussions, etc.:

(BERL.) DFZ, 1912, v. 9 (14), 163-164.—ZFM, 1891, v. 1 (10), 183; 1895, v. 5, 120 (influence of meat inspection); 1896, v. 6 (12), 244-5.—Zwicke, 1841a, 28.

(DEUTSCHLAND) Knorr, 1912, DAKM, v. 108, 137-159, figs. 1-2; 1912, Diss. München, Dec.: 1912, 1-23; 1912, DmW, v. 38 (47), 2236; 1912, MmW, v. 59 (50), 2746; 1913, CfB, v. 57 (5), 140.

(DRESDEN) Zenker, 1860a, 561-572 (probably first time word Trichinenkrankheit was used).

(EDINB.) Knox, 1836a, 133; 1836b, 89-94, pls. 1-3 figs. 1-12; 1837a, 1-14, pl. 1; 1843a, 805 (s. *Vibrio humana*; statistics).

(FRANCE) GmO, 1865, v. 8, 38-44 (exposé historique).

(KASAN) Pozaryski, 1909, Kaz. MJ, v. 9, 332-336; 1910, CPA, v. 21 (4), 163-164 (acute).

(KJØBENHAVN) Bergh, 1862a, 203-204.—Cv (Milan), 1903, v. 26 (10), 62.—Ditlevsen, 1868a, 169-171.—Ring, 1868, 153-162.—ZFM, 1903, Feb.

(LOND.) Gamgee, 1864b, 141-148, pl. 6.

(OHIO) Abbott, 1889, 146.

(PARIS) Chatin, 1883, BSpP, v. 7 (2), 107-112 (histological).—Gschwender-Oswald, 1872a, 1-74.—Scoutette, 1866a, i-viii, 1-108.

(SACHSEN) Kuech. & Züern, 1881a, in 5-582, figs.—Leuck., 1860q, 151-160.

(TORINO) Franchini, 1864a, 224-229.

(WIEN) Engelsberg, 1860a, 326-328.

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(BERL.) Vkg, 1891, v. 15 (23), 356-357.

(BOSTON) Billings, 1884a, 2-41.

(HARTFORD, CONN.) Cressy, 1882a, 245-260, figs. 1-3, pl. 2, figs. 1-5; 1882b, 1-18, figs. 1-3, pl. 1 figs. 1-5 (nat. hist., path.).

(LEIPZIG) Hübner, 1910, DmW, v. 36 (52), 2445.

(NASHVILLE, TENN.) White, 1910, AVR, v. 37 (5), 641.

(NETHERLANDS) Sl. & Sw., 1912a, 339-348.

(NÜRNBERG) Böhm, 1910, ZFM, v. 20 (5), 159-167; 1910, BkW, v. 47 (9), 405; 1910, T, v. 49 (4), 84; 1910, DtW, v. 18 (19), 289-290; 1910, MtW, v. 54 (22), 377-379.—Merkel, 1861a, 1-6 (Einwanderung).

(PARIS) Delpech, 1866a, 659-742; 1866b, 21-119, figs. 1-4; 1866c, 1-104; 1866d, 346-347.—Tigri, 1866a, 346-347.

(TORINO) Demarchi, 1879a, 97-109, 145-156; 1879b, 648-671, figs. 1-9, 1879c, 97-121, figs. 1-9.

— in animals:

(LEIPZIG) Flury & Groll, 1913, AEPP, v. 73 (3), 214-232 (Stoffwechseluntersuchungen).

— —, badger:

(BERL.) Schmaltz, 1899a, 171.—ZFM, 1897, v. 7 (100), 205.

(GLASGOW) Thoms., 1855a, 186.

(HEIDERSDORF) Drexler (Drechsel), 1904, TC, (3), 46; 1904, T, v. 43 (3), 52; 1905, Cv, v. 28 (17), 105.

(LOND.) VJACP, 1878, v. 7, 352.

(MOHRUNGEN) Lübecke, 1903a, 116-117, fig. 1; 1903b, 72-73; 1904a, 924; 1904b, 276; 1904c, 798.

(PARIS) Rail., 1899i, 300-302.

(WARIN) Teetz, 1897a, 83; 1897b, 618; 1897c, 153.

— —, bear:

(BERL.) Böhm, 1913, ZFM, v. 23 (12), 284 (Eisbaren); 1913, ZFM, v. 23, 208.—ZFM, 1908, v. 18 (7), 239.

(HALLE A. S.) Bockum, 1888a, 1867 (Bærenschinken).

— —, birds:

(DEUTSCHLAND) Hoeyberg, 1908, ZT, v. 12, 26-33 (Immunität gegen die Muskeltrichinose); 1908, DtW, v. 16 (23), 344-345; 1908, HC, v. 4 (12), 381-382.

— —, Blaps mortisaga:

(FRANCE) Dav., 1881a, 262.—Jolicœur, 1867a, 289-292.

— —, Canis fam.:

(BERL.) Piper, 1906a, 243.

(CHEMNITZ) Misselwitz, 1889a, xxiv.—Tempel, 1898a, 8-9; 1898c, 506; 1898d, 756-757; 1899a, 51-52; 1901b, 41-42.

(DEUTSCHLAND) Hempel, 1909, DFZ, v. 6 (11), 176.

(FILEHNE) Dlugay, 1894a, 246; 1894b, 873; 1895a, 911-912.

(GLASGOW) Thoms., 1855a, 186.

(HEIDELBERG) Erb, 1864a, 849-850.

(ITALY) Perronc., 1877c, 131-136, figs. 1-4; 1877g, 49-52; 1877k, 106-108; 1877n, 319-320; 1877r, 176-178; 1877s, 272; 1877v, 364-365; 1877aa, 200-203; 1878e, 67 (nel connettivo muscolare).

(KJØBENHAVN) Hjortlund, 1912, MkvLs, (24), 1-10.

(LEIPZIG) Dobbertin, 1908, Diss.; 1908, ZFM, v. 18 (11), 358; 1909, BVImKP, 38; 1909, CfB, v. 44 (5), 135-136 (weissen Blutkörperchen).

— —, domestic:

(U. S. A.) Hunt, 1882a, 13-28; 1883a, 155-167.—Salmon, 1883-84, RDA, 269-288.

— —, duck:

(OHIO) Monthly Sanitary Rec., 1888, v. 1 (2), 23.

— —, eel:

(GR. BRIT.) Bowman, 1839-47, TCAP, v. 3, 512, fig. 296; 1840a, 480-481.

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(DEUTSCHLAND) Rathke, 1837a, in 335-336 (im Gehirn eines Eidechsen-Fœtus).

—, Equus:

(WIEN) Csokor, 1884b, 248; 1884, ZFM, v. 3 (13), 139-140 (experimentelle Infektion).—Herrmann, 1841a, 88-89; 1841b, 199-200.

—, Felis dom.:

(BERL.) Ciurea, 1911, ZFM, v. 21, 171-172.

(DORPAT) Unterberger, 1866a, 193-194.

(ERLBACH) Herrmann, 1910, DFZ, v. 7 (4), 53-54.

(KJØBENHAVN) Hjorthund, 1912, MkvLS, (24), 1-10.

(PHILA.) Cattell, 1893a, 282 (in tongue).

—, fish:

(ITALY) Vitali, 1881a.

(LOND.) Cobbold, 1878, L, v. 2, 708-709.

(NEW YORK) M. R., 1878, v. 14, 460.

(OSTENDE) Clendmin, 1880, GC, v. 34 (18), 3.

—, fox:

(BERL.) Virchow, 1866e, 149-158.

—, furet:

(PARIS) Rail., 1894b, 1045-1046; 1894c, 350-351; 1894d, 6; 1895b, 33 (experimental).

—, Gallus dom.:

(BUDAPEST) Bakody, 1872a, 422-427, pl. 34, figs. 1-12; 1873, RT, v. 34, 168; 1874, Fr. méd., v. 21, 166; RMv, v. 51, 147.

(KENTUCKY) Bryant, 1868a, 253-254, figs. 1-4.

(LOND.) Cobbold, 1867, Vet., v. 40, 143 (freedom from tr.).

(SPANDAU) Züern, 1884a, 155-156.

(TORINO) Demarchi, 1879a, 29-30; 1879b, 69.

(U. S. A.) Am. J. Micr., 1881, v. 6 (1), 15.

—, Hippopotamus:

(AIX-MARSEILLE) Heckel, 1879a, 1139-1140.

(LOND.) Vet., 1879, v. 52 (622), 731.

(NEW YORK) AVR, 1879, v. 3, 196-197.

—, Igel:

(DEUTSCHLAND) Pag., 1868, VnmVH, v. 4, 11.

—, Iltis:

(BERL.) Virchow, 1866e, 149-158.

(GETT.) Linst., 1868a, 379-381; 1870a, 349; 1870b, 620-633.

—, insects:

(DEUTSCHLAND) Lies, 1867a, 78-80 (in fly larvæ); 1867b, 98.

(SWITZ.) Duplessis, 1870a, 734 (dans les muscles).

—, Maulwurf:

(LEIPZIG) Fiedler, 1864c, 345-346.—Vogel, 1865c, 259.

—, Mus (rats):

(BERL.) Virchow, 1866e, 149-158.

(BUDAPEST) Bakody, 1866a, 435-436, figs. 2-12.

(DRESDEN) Leisering, 1866c, 97-100, 101-104; 1868a, 38-39.

(EDINB.) Stirling, 1872a, 425-426.

(HAMBURG) Rodig, 1875a, 91-92.

(HEIDELBERG) Erb, 1866a, 85.

(KJØBENHAVN) Bahr, 1906, MfD, v. 18 (4), 136-139; 1906, BtW, (51), 936; 1907, BtW (19), 329; 1906, ZIpKHH, v. 2, 62-65.

(LEMBERG) Rektorzik, 1866a, 453-454.

(LOND.) Baker, 1909, JSDV, v. 1, 113-115.

(NÜRNBERG) Boehm, 1915, MtW, v. 66 (11), 206-207.

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- (STOCKHOLM) Forsell, 1866a, 213-215.
 (UTRECHT) van Oijen, 1913, TvV, v. 40 (8), 322.
 (WIEN) Roell, 1866, OVwV, v. 26 (1), 88-90.—Roell & Wedl, 1866a, 113; 1866b, 100-102.—Wedl, 1866g, 130-131.—Wedl & Roell, 1866, OVwV, v. 25 (2), 148-150.
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 (FRANCE) Tigri, 1866b, 357-358; 1866c, 533; 1867a, 84-90.
 ———, quadrupeds:
 (DEUTSCHLAND) Thudichum, 1865a, in 303-467, figs. 1-53, 1 table.
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 (ILLINOIS) Brendel, 1867a, 323-324.
 ———, Schlachtthieren:
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 ———, *Spermophilus 13-lineatus*:
 (IOWA) Stiles, 1894x, 777-778 (experimental); 1895a, 727-728; 1895b, 953; 1896a, 76-77.
 ———, *Sus scrofa dom.*:
 (ALSACE-LORRAINE) Moulé, 1885, RMv, v. 2, 502.
 (BALERNA) TR, 1909, v. 15 (14), 108.
 (BAYERN) Böhm, 1912, ZFM, v. 23 (2), 44; 1915, MtW, v. 66 (29), 554; 1915, MtW, v. 66 (31), 594.—Edelm., 1904, 275-276.—ZFM, 1903, v. 13 (11), 375.
 (BERL.) Junack, 1913, ZFM, v. 24 (4), 73-75.—Köhne, 1864a, 383-384; 1865a, 210-215.—Möllinger, 1880a, 187.—Müell., 1880a, 62-63, 71-72 (Verbreitung).—Trichenschau, 1903, v. 15 (15), 131-132.—Virchow, 1884a, 534-547; 1884c, 296-304; 1884d, 527-533.—Zeeb, 1909a, 690-692.—ZFM, 1895, v. 5 (7), 141; 1895, v. 5 (10), 202 (ausländische); 1896, v. 7 (2), 41.
 (BREMEN) Pauli, 1894a, 40.
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 (CHICAGO) CME, 1866, v. 7, 300-310.
 (DEUTSCHLAND) Edelm., 1906, DtW, v. 14 (38), 462 (Ermittlung der Herkunft).—Engelbrecht, 1883a, 1-32 (cause of sickness, death, and loss to national wealth).—Messing, 1907, DFZ, (1), 16.—Pag., 1868a, 20-22 (und Psorospermien).—Raebiger, 1912, DtW, v. 20 (10), 154.—VJACP, 1890, v. 31, 389.
 (FRANCE) Chatin, 1881m, 1065-1066; 1881n, 299-300; 1881o, 167 (dans les parois intestinales).—Sanson, 1867.
 (GÖRLITZ) Simon, 1897a, 74-75; 1897b, 548; 1898a, 322 (microscopically visible trichinæ).
 (HALLE) Kühn, 1865b, 1-84, figs. i-vi; 1886a, 37.
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 (LOND.) VJACP, 1879, v. 9, 27-33.
 (MADRID) Ros, 1916, Ve, v. 60 (3), 150-152 (y la psorospermiosis y la cisticercosis).
 (MAGDEBURG) Wohlthat, 1868a, 487-492.
 (MASSACHUSETTS) Mark, 1889a, 113-134; 1890a, 44; 1890b, 101; 1890c, 91.
 (MILAN) Cv, 1899, v. 22 (47), 564.
 (NAP.) d'Antonio, 1865.—Zoccoli, 1874a, 177-180.
 (NETHERLANDS) Levens, 1912, ZFM, v. 33 (5), 116.
 (NÜRNBERG) Böhm, 1904, ZFM, v. 14, 271-272.
 (PARIS) Martel, 1906, 84-85.
 (PETROGRAD) Cazov, 1909, MMvs, v. 21, 28-30 (Verbreitung in Muskulatur).
 (PHILA.) Leidy, 1846b, 107-108; 1847b, 358-359 (in extensor muscle).—MN, 1893, v. 62 (12), 333.

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- (PREUSSEN) Rauch, 1879a, 100–101 (in den Muskeln).
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 (SACHSEN) DFZ, 1913, v. 10 (21), 246.
 (SWEDEN) Vkg, 1888, v. 12 (8), 124.
 (TORINO) Perronc., 1868b.
 (U. S. A.) AVR, 1881, v. 5, 436 (southern hogs).—Law, 1896a, 10–11.—Payne, 1882a, 50–51 (southern).—Vacher, 1879a, 354; 1880a, 90; 1880b, 145.—Vkg, (1880), (45); 1890, v. 14 (46), 723.
 (VERDEN) Dyes, 1864a (prevention).
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 (WESTDEUTSCHLAND) Rieger, 1909, DFZ, v. 6 (3), 35–36.
 (WIEN) Klob & others, 1866a, 53–88 (Erforschung).—Koch, 1876a, 5.
 —, —, Waschbar:
 (SACHSEN) Leisering, 1868a, 38–39.
 —, —, wild boar:
 (BERL.) ZFM, 1897, v. 7 (11), 225; 1906, v. 16 (7), 243; 1907, v. 18 (1), 38.
 (LOND.) VJACP, 1893, v. 36, 71.
 (MÜNSTER) Land., 1895a, 66–67.
 (NEW YORK) Am. J. Micr., 1876, v. 1 (2), 21.
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 (PIRNA) Rost, 1910, BVK, Sachs, v. 54, 164.
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 (SYRIA) Wortlabet, 1881b, 454–455 (cases in man).
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 (DEUTSCHLAND) Hüb., 1911, KJ, v. 25, 569–584; 1911, MmW, v. 58 (43), 2287; 1911, BIP, v. 8 (24), 1101; 1912, HR, v. 22 (19), 1269–1270.
 (FELSBERG) Heuser, 1870a, 303–305.
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 (MÜNCHEN) Putter, 1915, MmW, v. 62 (37), 1265–1266.—Feldarztl. Beilage, 1915, 601–602.
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 (BERL.) Fiedler, 1864e, 67; 1864f, 461–464, figs. 1–2 (Kernwucherung in den Muskeln).—Virchow, 1890a, 505; 1891a, 130–131 (Färbung des Darms).
 (BOEHM-LEIPA) Kittel, 1871a, 254; 1871b, 559 (Augen).
 (BOSTON) Coriat, 1910, BM&SJ, v. 163, 992–994; 1911, MR, v. 79 (2), 75; 1911, BkW, v. 48 (6), 265–266 (case resembling Myotonia in adult).—Frothingham, 1906, JMR, v. 10, 483–490, figs. 1–5; 1907, HC, v. 2 (19–20), 606; 1909, CPA, v. 20 (5), 219 (in man, lesions); 1909, AIM, v. 2 (6), 505–516, figs. 1–10; 1909, JTMH, v. 12 (9), 140; 1909, CPA, v. 20 (19), 890 (in rats, lesions).
 (BRAUNSCHWEIG) Schuchard, 1864a, 270–271.
 (BROOKLYN) Segur, 1879a, 95 (embolism of pulmonary artery).
 (CHARKOW) Covoroff, 1911, Khark. MJ, v. 12, 21–47, pls. 1–4.
 (HALLE) Colberg, 1864a, 188–189 (muscle regeneration); 1865a, 174–176.
 (HEIDELBERG) Friedreich, 1862a, 399–413; 1863a, 118–120.
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 (LOND.) Owen, —?, v. 1, 212.
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 (PARIS) Cornil & Ranvier, 1881a.—Cruveilhier, 1852a.—Sudakevich, 1892a, 13–20, figs. 1–7.
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 (STRASSBURG I, E.) Gruber, 1914, MmW, v. 61 (12), 645–648.

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(LOND.) Vet., 1865, v. 38 (445) 36; 1881, v. 54 (640), 254-255 (alleged).

(PHILA.) Brinton, 1878a, 424-425.

(U. S. A.) Williams, 1901a, 64-83, figs. 1-4; 1901b, 734-735; 1902a, 189; 1902b, 57; 1902c, 200-201; 1902d, 440-441; 1902e, 1167-1168; 1902f, 101-102; 1902g, 17; 1903a, 64-82; 1904a, 580.

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- (WEIMAR) Schilling, 1863a, 1-80, pls. 1-9.
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—, —, effect of electricity:
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(DEUTSCHLAND) Böhm, 1910, ZFM, v. 21 (1), 10-12.—VkG, 1886, v. 10 (24), 263-264; 1887, v. 11 (50), 730; 1888, v. 12 (33), 498-499; 1893, v. 17 (43), 830-831.—VgöM, 1866, v. 4, 356-361, 362-364; v. 5, 165-171.
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(HAMBURG) VkG, 1889, v. 13 (25), 383-384.
(KÖNIGSB.) VkG, 1888, v. 12 (16), 248-249 (notifiable disease).
(MECKLENBURG) Schröder, 1907a, 7-8.
(NORDDEUTSCHLAND) Virchow, 1879a, 526-529.
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(PARIS) Mesnil, 1881a, 238-246.—Pietra Santa, 1866, BAM, v. 31 (11), 416-417; 1881c, 266.
(SACHSEN) Ministerium d. Innern, Verordn., 1888.—Niederandt, 1912, DFZ, v. 9 (2), 13-16; (3), 27-31.—ZFM, 1893, v. 3 (9), 181-184.
(STRASSBURG) Wasserfuhr, 1877a, 825-833.
(U. S. A.) NYMJ, 1884, v. 39 (4), 99.—PHR, 1916, v. 31 (27), 1747.
(WIEN) Rcell, 1866c, 45; 1866f, 96-97.
—, prognosis:
(PHILA.) Anders, 1903a, 1254.—Lockwood, 1901a, 824.
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(BOSTON) Billings, 1880a, 25-54, figs. 1-2; 1880b, 636; 1881a, 41-49, figs. 9-15 (American ham); 1883a, 116-120, figs. 1-6, 227-232, 235-236, 290-293, 315-317; 1883b, 261-262; 1883d, 381-385 (national economy).
(FLORENCE) Marchi, 1869a; 1869b, 266-268; 1870a, 1-11.
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(MADRID) Arango, 1914, Ve, v. 58 (3), 183-185.—Martin, 1900a, 556-559.—
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(VENICE) Calza, 1864a, 473-494; 1865a (legal medicine).

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(ARNSBERG) Katerbau, 1888a, 121.—Schœnfeld, 1884a, 144-145, 162-164.—
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(AURICH) Quittel, 1894a; 1896a.—Rapmund, 1887a; 1890a.

(BAYERN) Kerschensteiner & Zwickh, 1893a.—Maier, 1880a; 1881a.

(BERL.) Pistor, 1884a; 1887a; 1890a.—Skrzeczka, 1882a.—Wernich, 1883.—
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(BREMEN) Focke, 1889.—Jahrb. f. Bremische Statistik, 1884: 1885: 1888: 1889;
1890: 1892: 1893: 1894: 1895. Lorent, 1874a; 1876a; 1877a; 1880a; 1884a, 76,
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(BRESLAU) Alexander, 1898.—Wolff, 1884a; 1887b; 1890b; 1893b.

(BROMBERG) Peters, 1890a; 1893a.—Siedamgrotzky, 1896a.—Strahler, 1883a;
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(CASSEL) Rockwitz, 1888a; 1891a.—Weiss, 1894a; 1896a.

(DANZIG) Bornträger, 1897a.—Zeuschner, 1887a; 1891a.

(DÜSSELDORF) Fränkel, 1891.—Michelsen, 1897a.—Virchow, 1884. Weiss,
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(ELSASS-LOTHRINGEN) Krieger, 1885a; 1886a; 1887a; 1888a; 1889a; 1890a, 217;
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(FRANKFURT A. O.) Gen.-Ber. ü. d. öff. Ges., 1890, in 1-170; 1896, 1-120.—Pistor,
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(HILDESHEIM) Grun, 1890; 1894; 1897.—Wittichen, 1884a.

(KOBLENZ) Massenbach, 1887a; 1890a; 1893a.—Wehmer, 1897a.

(KÖLN) Bl., 1887.—Bouley, 1884.—Eulenberg, 1883; 1885.—Schwartz, 1881a,
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(KÖNIGSB.) Nath, 1885a; 1887a; 1891a; 1894a; 1897a.

(KÖSLIN) Grisar, 1896.—Massenbach, 1883a; 1884a.—Roth, 1893a.—Wernich,
1887a; 1890a.

(LIEGNITZ) Philipp, 1886a; 1890a; 1896a.

(LÜBECK) Rittscher, 1883a; 1885a; 1886a; 1887a; 1888a.

(LÜNEBERG) Alten, 1883; 1884, 22; 1887; 1890.—Noeller, 1897a.

(MAGDEBURG) Brouardel, 1883.—Lesserhaft, 1885.—Madai, 1885.—Voigt,
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(MERSEBURG) Bl, 1887.—Eulenberg, 1882: 1883: 1885: 1886.—Ostertag, 1895.—
Wolff, 1881a; 1882a; 1883a; 1887a; 1890a; 1893a.—Wolff & Penkert, 1896a.

(MINDEN) Rapmund, 1892a, 1894a; 1897a.—Schultz-Hencke, 1883a; 1882a;
1884a; 1887a.

(MÜNSTER) Hoelker, 1887; 1890, 1894.—Hoogeweg, 1882, 1883.

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(OPPELN) Noack, 1883a; 1884a; 1887a.—Pistor, 1882a.—Roth, 1896a.—Schmidt-mann, 1893a.

(OSNABRÜCK) Bitter, 1888a; 1891a; 1894a.

(POSEN) Dieterich, 1891.—Gammel, 1883, 1883, 1887.—Géronne, 1894.—Schmidt, 1897b.

(POTSDAM) Kanzow, 1884a; 1887a; 1890a; 1893a; 1897a.

(PREUSSEN) Das Sanitätswesen des pr. Staates, 1897.—VkG, 1898, v. 22, 958-960; v. 22 (4), 66-67 (Armee).

(SACHSEN) Güenth., 1890; 1891; 1891; 1892; 1893; 1894; 1895; 1896; 1897; 1898.—Reinhard, 1871a; 1872a; 1874a; 1875a; 1876a; 1877b; 1878a; 1879a; 1880a; 1881a; 1882a; 1883a; 1884a; 1885a; 1886a; 1887a; 1888a.—Roth, 1889a.—VkG, 1898, v. 22 (4), 66-67 (die Armee); v. 22, 958-960.—Walther, 1869a.

(SCHLESWIG-HOLSTEIN) Bockendahl, 1867a; 1868a; 1869a; 1870a; 1871a; 1872a; 7; 1873a, 6; 1874a, 6-7; 1875a, 8-12; 1876a, 5; 1877a, 6-7; 1878a, 7-8; 1879a, 10; 1880a, 11-12; 1881a, 12; 1882a, 12-19; 1883a, 1887a, 153-155; 1889a, 105-106; 1893a; 1895a.

(SIGMARINGEN) Koch, 1883a, 1887a.—Lauchert, 1890a.—Schmidt, 1897a.

(STADE) Bohde, 1882a; 1883a; 1887a; 1890a; 1893a.—Rusak, 1897a.

(STETTIN) Dieterich, 1887.—Eulenbergh, 1882, 1886.—Katerbau, 1890a; 1893a; 1896a.—Weiss, 1883a; 1884a.

(STRALSUND) Haselberg, 1890; 1894; 1898.—Köhler, 1883a; 1884a; 1887a.

(TRIER) Schwartz, 1882a; 1884a; 1887a; 1890a; 1894a; 1897a.

(UNTER-ELSASS) Zuëndel, 1875; 1876, WTV, v. 20, 5, 39-42 (Hausthiere).

(WIESBADEN) Pfeiffer, 1894a; 1897a.—Wagner, 1882a; 1883a; 1886a; 1889a.

(WÜRTTEMBERG) VkG, 1898, v. 22, 958-960; 1898, v. 22 (4), 66-67 (die Armee).

—, reports:

(CAMDEN, N. J.) Wills, 1888a, 188-191.

(FRANCE) Delpach, 1866d, 346-347.—Delpach & Reynal, 1866a, 375-376; 1866b, 418-419.—Wurtz, 1882a.

(GLASGOW) Chalmers, 1902a (see Trotter, 1902, 7).

(LOND.) Lancet, 1866, Feb. 10.

(MINNESOTA) Parsons, 1883, RSBH Minn. (9), 179-180.

(PHILA.) MN, 1866, v. 24, 60-61.

(RAVECCHIA) Pavesi, 1869a, 1869b.

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(BELGIUM) Van den Corput, 1866, v. 9 (6-7), 587-594.

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(U. S. A.) Clement, 1889a, 351-360.—Scanlon, 1886a, 1-49.—U. S. Dept. State, 1881, 1-49.

(VOGHERA, ITALY) Papa, 1865a.

(WIEN) Wedl, 1866d, 1109-1112; 1866h, 376-377; 1866i, 618.

—, scares, panic, trichinophobia:

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(PHILA.) MSR, 1866, v. 14, 139.

—, source of infection:

(FRANCE) Husson, 1882a.

(GOTT.) Stropse, 1909, AkG, v. 33 (1), 109-126; 1910, BkW, v. 47 (1), 25; 1910, MmW, v. 57 (1), 37 (Uebertragung auf das Schwein).

(LOND.) JCPT, 1895, v. 8 (2), 163.

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(LANGENSALZA) Seyferth, 1874a, 168-170.

(TORINO) Vallada, 1875b.

—, —, horse flesh:

(NEW YORK) JCMS, 1883, v. 4 (4), 326.

—, —, pork:

(CALIFORNIA) Williams, 1878a, 103-107.

(CHICAGO) Melvin, 1911, JAMA, v. 56 (9), 687.

(HILLSBORO, ILL.) Sawyer, 1865a, 16-18.

(LOND.) Mon. Micr. J., 1873, v. 9, 282-283.

—, —, rat theory:

(BERL.) Schade, 1909, ZFM, v. 20, 46-47; 1909, H, v. 4 (11), 86; 1910, DtW, v. 18 (16), 245.

(DEUTSCHLAND) Bartels, 1908, DtW, v. 16, 429-432; 1908, BtW, 619-623; 1908, T, v. 47 (11), 247-248; 1908, TR, v. 14, 499; 1908, H, v. 3, 95; 1909, CfB, v. 44, 156.—Boehm, 1909, ZFM, v. 19, 356-357; 1909, DmW, v. 17 (38), 571-572; 1910, CfB, v. 45 (20), 617-618; 1910, Rv, v. 67, v. 35 (4), 232.—Ræbiger, 1911, VGdNA, 82. Vers., 541-542; 1911, ZIpKHH, v. 9, 120-154, tables 1-6; 1911, DIP, v. 38 (38), 443-444; 1912, CfB, v. 51 (18), 561.

(ERLANGEN) Zenker, 1871a, 395.

(EXETER) JSDV, 1909, v. 1 (3), 200.

(LEIPZIG) Leuck., 1862h, 652.—Rieger, 1910, DFZ, v. 7 (3), 40-41.

(MÜNCHEN) Stäubli, 1911, MmW, v. 58, 2057-2060; 1913, DFZ, v. 10 (2), 20.

(ROTHENBURG A. TAUBER) Betscher, 1909, ZFM, v. 20 (1), 18-19; 1909, H, v. 4 (10), 79; 1910, CfB, v. 45 (20), 618; 1910, DtW, v. 18 (14), 214.

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(BREMEN) JiBS, 1884; 1885; 1886; 1887; 1888; 1890; 1892; 1893; 1894; 1895.

(GERMANY) Stiles, 1901s.

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(BORDEAUX) Coyne, 1881a, 705.

(LEIPZIG) Leuck., 1860c, 1 57. pls. 1-2; 1860e, 318-320; 1860l, 135-138; 1860m, 534-535; 1860n, 199-202; 1866a, 1-120, figs. 1-7; 1866b, 333; 1866k, 450-452.

(LIÉGE) Ceri., 1893a, 464-488, figs. 1-8; 1893b, 125-145, figs. 1-8; 1893c, 163-166; 1893d, 634; 1894a, 203-206; 1894b, 37; 1894c, 311-312; 1894d, 152-153; 1894e, 134; 1894f, 284.

(MILAN) Piana, 1887b, 17-28, 69-72, 108-117, 197-200, 304-312, 382-390, 438, 502-505, figs. 17-42.

(MONTPELLIER) Granel, 1884a, 181-183, 193-195.

(PARIS) Chatin, 1881d, 463-465; 1881e, 374-376.—Romanovitch, 1911, CrSB, v. 70 (8), 257-259; 1911, *ibid.*, v. 70 (9), 339-341; (10), 378-379; 1911, Pm, v. 19 (19), 181; 1912, Adl'IP, v. 26 (5), 351-370, figs. 1-2.—Schaan, 1872a, 1-28.

(SAN FERNANDO) Perez Risueno, 1884a, 182-240, pls. 1-2.

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(BERL.) Traube, 1878a, 421-422 (Typus costalis der Inspiration).

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(BUDAPEST) Navratil, 1876a, 292-295 (Kehlkopf-Lähmung).

(FÜRTH) Hollstein, 1863a, 140-141 (Oedema acutum des Zellgewebes u. d. Muskeln).

(GREIFSW.) Møllenev, 1879a, 1-63.

(HANOVER) Osten, 1887a, 1144.

(HETTSTEDT) Rupprecht, 1880a, 284-298.

(LEIPZIG) Ploss, 1862a, 186.

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(NEW YORK) Pratt, 1915, JAMA, v. 65 (15), 1277 (simulating frontal sinusitis); 1915, JTMH, v. 18, 262-263.—Minot & Rackemann, 1915, AJMS, v. 150 (4), 571-582; 1915, JAMA, v. 65 (15), 1305-1306 (respiration).—Wendt, 1878a, 434-439; 1879a, 319-320.

(PARIS) R. Bl., 1887e, 123ff.

(PHILA.) Anders, 1903a, 1254.—Da Costa, 1881a, 131-137, fig. 1 (severe fever and muscular symptoms).—Lockwood, 1901a, 824.—Tyson, 1903a, 1192.

(ZÜRICH) Eichhorst, 1901a, 304-309.

—, —, treatment:

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(ZÜRICH) Eichhorst, 1901a, 305, 309, 311.

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(DENMARK) Høyerberg, 1907, ZT, v. 11, 454-460; 1908, HC, v. 3 (22-33), 710; 1908, v. 4 (6), 200.

(LEIPZIG) Flury, 1913, AEPP, v. 73 (3), 164-213, figs. 1-2, tables 1-8.

(MÜNCHEN) Gastel, 1914, Diss., Juli; 1914, CfB, v. 74 (3-4), 254-272.

—, treatment:

(BALTIMORE) Hemmeter, 1902a, 586.

(BARCELONA) Valenti y Vivo, 1879a, 192-194; 1880a, 92.

(BERL.) Dyes, 1886a, 1-34; 1886b, 295.

(BRAUNSBURG) Rohde, 1877a, 633-635; 1878a, 319-320 (see Riemer, 1878, 199); 1878, SPmW, 104.

(DEUTSCHLAND) Lesshaft, 1885a, 1-34; 1885b, 807-809, 828-829, 1886, SPmW, v. 3, 50.

(DRESDEN) Fiedler, 1885a, 104-111; 1885b, 185-193; 1885c, 728.—Küech., 1861a, 12; 1861b, 10; 1861e, 49-50; 1861f, 457-458; 1861g, 180-181.

(FORLÌ) Pavesi, 1879a; 1879b, 494-495.

(FRANCE) Rodet, 1865, CmF, 462-466.

(GENOA) Bomba, 1879a, 273-284, 337-380, pl. 1.

(HEIDELBERG) Pag. 1868b, 47-49.—Wasielewski, 1913a, 323.

(LOND.) Aitken, 1866, 861-862.—Fagge & Pye-Smith, 1902a, 471-472.—Mans., 1901c, 553.

(MAGDEBURG) Otto, 1884a, 1-21.

(MÜNCHEN) Müell, 1895c, 632; 1895d, 396; 1895e, 481.

(NEW YORK) Med. Rec., 1878, v. 14 (12), 225.

(NÜRNBERG) Merkel, 1885a, 357-358; 1885b, 728; 1885c, 433; 1902a, 554-569; 1909, HgT, v. 1, 352-362; 1910, MmW, v. 57 (1), 30-31.

(OHIO) French, 1896a, 650-651.

(PETROGRAD) Knoch, 1864b.

(PHILA.) Anders, 1903a, 1254.—Lockwood, 1901a, 824-825.—Tyson, 1903a, 1193.

(QUEDLINBURG) Behrens, 1866a, 227-228.

(ROME) Cadet, 1876a; 1876b.

(ROVIGO, ITALY) Lorigiola, 1869a, 1-65.

(SAO PAULO) Lutz, 1888g, 151-153, 175-178; 1888h, 734.

(SAN FRANCISCO) Abrams, 1886, 149-151.

(SPAIN) Gilabert, 1914, PdlC, v. 2 (17), 293-307, 345-361.

(WIEN) Hein, 1883d, 152.—Pleischl, 1866a, 181-182.—Flögel, 1874a, 490-491.

(ZÜRICH) Eichhorst, 1901a, 311.

—, —, alcohol:

(VALENCIA) Ferrer y Genoves, 1883a, 169-173.

—, —, aqua chlorini:

(CHICAGO) CMJ, 1869, v. 26 (21), 743.

—, —, baths:

(PHILA.) Tyson, 1903a, 1193.

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(DRESDEN) Fiedler, 1864b, 337-344.

(GIESSEN) Mosler, 1864b, 317-321; 1864c, 395; 1864d, 703; 1864e, 444; 1864f, 465; 1864g, 381-382.

(LEIPZIG) Leuck., 1864c, 467-269.—Mosler, 1864, 1-89.

(PHILA.) Tyson, 1903a, 1193.

—, —, benzol:

(STRALSUND) Puëtter, 1891a, 507; 1892a, 80.

—, —, calomel:

(LOND.) Fagge & Pye-Smith, 1902a, 471.—Mans., 1901c, 553.

—, —, castor oil:

(LOND.) Fagge & Pye-Smith, 1902a, 471.

—, —, Gallenstoffe (Leberthrau, Ochsen gall):

(FRANKFURT A. MAIN) Clemens, 1866a, 214-215.

—, —, glycerine:

(PHILA.) Lockwood, 1901a, 825.—Tyson, 1903a, 1193.

—, —, mercury:

(PHILA.) Rand, 1881a, 107; 1881b, 317.

—, —, morphine:

(PHILA.) Tyson, 1903a, 1193.

—, —, natrum & kali picroniticum:

(DRESDEN) Fiedler, 1863b, 573-579.

—, —, neosalvarsan:

(TACOMA, WASHINGTON) McNerthey & McNerthey, 1916, JAMA, v. 67 (15), 1086.

—, —, nux vomica:

(PARIS) RMv, 1895, v. 2 (11), 396 (from Rev. scient.).

—, —, picrate of potash:

(LOND.) Fagge & Pye-Smith, 1902a, 472.

—, —, picric acid:

(PHILA.) Tyson, 1903a, 1193.

—, —, rest:

(MINNESOTA) Beard, 1887a, 341-345.

—, —, salvarsan:

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—, —, serum therapy:

(CHICAGO) Schwartz, 1917, JAMA, v. 69, 884-886 (1-7).

(FAR ROCKAWAY, N. Y.) Salzer, 1916, JAMA, v. 67, 579-580.

—, —, thymol:

(LOND.) Fagge & Pye-Smith, 1902a, 471-472.—Lockwood, 1901a, 825.—Mans., 1901c, 553.

(U. S. A.) Both, Goehring, & Kahn, 1916, JAMA, v. 67 (27), 2000.

—, zur Casuistik:

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(NEUSTADT, HESSEN) Braun, 1868a, 434-435.

(PETROGRAD) Schroeder, 1886a, 439-442, 447-450.

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(BERL.) Virchow, 1865a, 332-371; 1865c, 892-896, 980-982; 1865d, 66; 1866g, 10.

(DRESDEN) Fiedler, 1865a, 67-71.

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(LEIPZIG) Meissner, 1863a, 45-56.—Pag., 1866c, 251-255.

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- (ALFORT) Colin, 1868a, 1127-1131; 1868b, 863-868; 1868c, 618-619; 1869, AMv, v. 18 (3), 150-155.
- (BARCELONA) Badia, 1879a, 41-43, 49-51.
- (BELGIUM) Van den Corput, 1866, 1-42.
- (BERL.) Lion, —.—Virchow, 1864a, 1-55, pl. 1; 1864b, 1-64, pl. 1; 1865, ZR, v. 1, 611; 1864, DK, v. 16, 119-120; 1866a, 1-86, figs. 1-7, pl. 1 figs. 1-5; 1866c, 1-82; 1868a, 1-80, pl. 1.
- (BOSTON) Billings, 1881b, 392-396; 1882a, 445-449, 497-502, 548-554; v. 6, 11-16, 54-58, 110-114, 226-231, 282-287.
- (BRAUNSCHWEIG) Klencke, 1864a, 1-30.
- (BRUXELLES) Van Esschen, 1866a, 1-40; 1866, Amb, v. 3, 189-194, 275-292.
- (CHICAGO) Chic. MJ, 1870, v. 27 (2), 65-81.—JAMA, 1914, v. 62 (9), 699-700.
- (DETROIT) Glazier, 1883a, 1-20, figs. 1-17.
- (DEUTSCHLAND) Boehm, 1909, ZFM, v. 20 (3), 80-81; 1909, H, v. 4 (12), 95.—Klusemann, 1864, DK.—Pag, 1864a, 97-108, figs. A-B; 1864b, 193-194.
- (DRESDEN) Ministerium d. Innern, 1864, 1-22, pl. 1.—Johns, 1879a, 1-20, pl. 1.
- (ELSASS-LOTHRINGEN) Züendel, 1864d, 507-528, pl. 1 figs. 1-3; 1881b, 1-13; 1881c, 336-344, 423-443.
- (FRANCE) Chatin, 1881l, 277-288.—Tirard, 1881a; 1882a; 1882b.
- (GENEVA) Gosse, 1866a, 1-97, pl. 1.
- (HAMBURG) Nonne & Hoepfner, 1899a, 455-474.
- (HETTSTEDT) Rupprecht, 1866a, 1-16, 89-106, 169-192; 1866b, 1-57.
- (INDIANA) Redding, 1885a, 258-303.
- (ITALY) Colasanti 1879a, 124-142; 1879b, 1-70.
- (LEIPZIG) Kûech., 1863a, 12-16.—Reyher, 1862a, 1-30.
- (LOND.) Althaus, 1864a, 1-34, figs. 1-11; 1864b, 362-364, 390-392, figs. 1-11.—Wheelhouse, 1866a, 253.
- (LOUISVILLE) RLMJ, 1868, v. 5 (3), 212.
- (MADRID) Maloni, 1901a, 3-5.
- (MÜNCHEN) Besnard, 1864a, 26-30; 1864b, 117-126; 1864c, 574-582, 590-593; 1864d, 1-38; 1865a, 674-680; 1867a, 317-322.
- (NEW YORK) MR 1878, v. 14, 518-519.
- (PARIS) Laborde, 1884a, 139-141, 164, 165, 174-176.—Lab., 1881a, 401-408; 1881d, 1-8.—de Pictra Santa, 1864a, 304-323; 1866a, 130-133, 165-168, figs. 1-3.—Vallin, 1882a, 545-553.
- (PHILA.) Anders, 1903a, 1251-1254.—Tyson, 1903a, 1191-1193.
- (PRAG) Ott, 1865a, 20-28, 34-38.
- (ROCHESTER) Phin, 1881a, 1-20, pl. 1 figs. 1-9; 1882a, 138-152, figs. 1-9; 1882b, 62.
- (ROUEN) Pennetier, 1865a, 1-26, pl. 1 figs. 1-6.
- (SACHSEN) Schultze, 1864a, 269-298; 1864b, 1-23.
- (TORINO) Perosino, Peyrani & Sella, 1869a, 431-438, 494-499.
- (VENICE) Calza, 1866a, 1-37.
- (WASH., D. C.) Stiles, 1901f, 137-153; 1901g, 1022; 1902oo, 777-778; 1902rr, 556-557; 1907e, 605-610; 1914, MM, v. 2, 297-302.
- (WIEN) Reil, 1866b, 37-38; 1866d, 137-140; 1866e, 94-96. Wedl, 1866c, 135-137; 1866f, 101-105.—WmW, 1866, v. 16, 237-240, 254-257, 272-274, 286-288, 318-320, 334-336, 400-402, 432-434, 448-450.

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(MILAN) Carletti, 1910, GdOC, v. 31 (49), 513-528; 1910, CPPS, v. 11, v. 5 (18), 714; 1911, JFTC, v. 40, 838-839 (reaction of Weber).

(PHILIPPINES) Musgrave & Clegg, 1908, PJS, v. 3 (6), 545-562; 1909, JTMH, v. 12 (14), 218; 1909, NYMJ, v. 89 (23), 1153-1154.—Polk, 1908, PJS, v. 3 (6), 562-566.

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 - (CHICAGO) Wade, 1911, JAMA, v. 56 (10), 643.
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 - (LOND.) Gibson, 1862a, 139 (loss of speech).
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 - (BORDEAUX) Casati de Montgolfier, 1913, GhSmB, v. 34 (32), 375-377.
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 - (DEUTSCHLAND) Christoffersen, 1914, BpAaP, v. 57, 474-515, pl. 1.
 - (FRANCE) Garin, 1912, GHcm, v. 85, 1651-1656.—Stcherbak, 1910, RdM, v. 30, 642-665; 1910, BkW, v. 47 (36), 1675; 1910, JAMA, v. 55 (15), 1328; 1910, FM, v. 28 (42), 1339; 1911, MmW, v. 58 (14), 754.
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- apri* Gmel., 1790a, 3038 (in apro; Goeze, 1782a, 122, pl. 6 figs. 6-7).—Bosc, 1802a, 26.—Duj., 1845a, 38 (so. *crenatus*).—Rud., 1809a, 96.
- aubæformis* Mosler & Peiper, 1894a, 314 (der Affen).
- auricularis* Rud., 1802a, 25 (so. *Asc. filicollis*) (in *Ovis aries*; by Rud.).
- cameli* Rud., 1819a, 18, 228 (in *Camelus bactrianus*, *C. dromedarius*; C. E. V.).—
 Heine, 1900a, 780.—Nev.-Lem., 1912, 758.—Rail., 1893a, 483 (= *echino-
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- campanula* Linst., 1889c, 239-240, pl. 16 fig. 11 (? s. *felis*) (in *Felis catus* dom.; Brazil).—Heine, 1900a, 781 (c. *felis*).—Nev.-Lem., 1912, 758.—Rail., 1893a, 484 (s. ? f.).
- campanula felis* (Dies., 1851) Heine, 1900a, 781.
- capillaris* Rud., 1809a, 86-87 (*anatis* and *Cap. tumida* renamed) (s. *Linguatula trichoc.*) (in *Anser*, *Anas querquedula*; by Schrank & Zed. [Europe]); 1819a, 13.—Baird, 1853a, 3 (s. *Trichosoma brevicolle*).—Olfers, 1816, 56.—
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- castoris* Rud., 1819a, 18, 228 (intest. crass., *Castor. fiber*; C. E. V.).—Cobbold, 1879b, 317.—Hall, 1916a, 20, 21 (in C. f.).—Heine, 1900a, 780.—Linst, 1909a, 79 (in C. f.).
- cognatus* Haase, 1910, BtW, v. 26 (24), 813 (misprint for *crenatus*) (in swine).
- contortus* Rud., 1819a, 637-638 (in *Mus capensis* s. *Georhychos illigeri*; Cape of Good Hope).—Duj., 1845a, 36-37.—Hall, 1916a, 21 (to *Trichuris*).—Heine, 1900a, 780.
- crassicauda* (Bellingh., 1840) Elberth, 1863a, 48.—Hall, 1916a, 13 (to *Trichoso-
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- crenatus* Rud., 1809a, 95-96 (suis and *apri* renamed) (in *Sus scrofa* dom. et fera; Goeze, 1782a, 122, pl. 6 figs. 6-7); 1814a, 86; 1819a, 17, 226-227.—Bail., 1866b, 72-73 (s. *Trichoc. dispar* Crepl.).—Bellingh., 1844, 478.—R. Bl., 1887e, 117; 1888a, 775.—Bonhill, 1911, (369), v. 8, 54, figs. 1-2 (in swine; Brit. Columbia).—Braun, 1895b, 229 (in S. s. d.); 1903a, 279; 1906a, 310; 1908a, 313; 1915a, 331.—Braun & Lühe, 1909a, 111, 151; 1910a, 122, 165.—Brumpt, 1910a, 401 (in pig); 1913a, 466.—Burchardt, 1880a, 635.—Campb. & Lacr. 1907, 79.—Cobbold, 1873c, 123 (in hog); 1879b, 406.—Crep., 1825, 7-10 figs. 1-3; 1839a, 279.—Dav., 1877a, cv. 231.—Duj., 1845, 38-39.—Fiebiger 1912a, 244.—Fröhner, 1915a, 260.—Garin, 1913, 104.—Gurlt, 1831, 349

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- globulosus* Linst., 1901c, 182-183, pl. 8 figs. 1-3 (in *Camelus dromedarius*; Mus. Frankf.).—Rans., 1911a, 115 (to *Trichuris*).
- gracilis* Rud., 1819a, 638-639 (in *Cavia aguti*; Brazil).—Cobbold, 1879b, 318 (in *Dasyprocta*).—Duj., 1845a, 38.—Hall, 1916a, 23 (to *Trichuris*).—Heine, 1900a, 780.—Also reported for *D. aguti*, *D. rufa*.
- hepaticus* Bancroft, 1893a, 86-90, pls. 7-8 figs. 1-7 (in "common rat" [Mus]; N. S. W.).—Hall, 1916a, 31 (to *Hepaticola*): 1916b, 517.—Rail., 1898b, 173 (to *Trichosomum*).—Tidswell & Johnst., 1912, v. 2, 112 (in *Mus alexandrinus*, *M. decumanus*, *M. musculus*, *M. rattus*).
- hominis* Schrank, 1788a, 4 (in *Homo*; Gœze, 1782a, 115, pl. 6 figs. 1-5); 1803, 189.—Baird, 1853a, 3 (s. dispar).—Bennet & Olivier, 1826, 21-22 (in H.).—R. Bl., 1887e, 115; 1888a, 774, 776, 787; 1900g, 486 (= *trichiurus*).—Bosc, 1802a, 25, pl. 11 fig. 11.—Braun, 1903a, 278; 1908a, 312; 1915a, 330.—[Brera, 1803a, 16, pl. 4 figs. 1-5.]—Brumpt, 1910a, 401; 1913a, 466.—Caland., 1889a, 68 (in *Homo*; Sicily); 1890a, 95, 107-110.—Cast. & Chalm., 1910a, 428; 1913a, 563.—Cat. RCSL, 1830, 38.—Chiaje, 1825a, 4 (so. d.).—Cobbold, 1866a, 5.—Cuv., —?—, pl. 25 fig. 1.—Dav., 1858e, 295-300; 1858f, 1217-1219; 1859b, 157-159.—Deslgch., 1824ggg, 744.—Eberth, 1863a, 48, 51, 53.—Girard, 1901, 442; 1901b, 265-266 (appendicitis); 1902a, 49.—Gmel. [1744]; 1790a, 3038 (s. *Trichuris*) (in H.).—Guiart, 1910a, 389.—Hémont, 1827a, 35.—Hoche, 1908, 246-249.—Huber, 1896a, 590-593 (s. d.) (in H.; Cosmopolitan).—Jærdens, 1802a, 17-19, pl. 1 figs. 6-10 (in H.).—Lam., 1801a, 338 (*Tricoc.*); 1816b, 212.—Nev.-Lem., 1902a, 109; 1908a, 460.—Nordm., 1840a, 658-659 (so. d.).—Previtera, 1900a, 9.—Rud., 1793a, 15-16; 1802a, 5 (renamed dispar); 1809a, 89 (=d.).—Shipley, 1896a (1901b), 145.—Simon, 1897a, 209, 227.—Sl. & Sw., 1912a, 338.—Stiles, 1907, 603; 1914, MM, v. 2, 295.—Vauil., 1901a, 98, 136.—Ward, 1895, 313; 1895, 332; 1903, 216.
- infundibulum* Linst., 1906, AN, v. 1 (3), 257, fig. 19 (in *Hystrix cristata*; Zool. Mus. Königsb.).—Hall, 1916a, 23 (to *Trichuris*).
- krenatus* Schneidem., 1896a, 309 (for *crenatus*).
- lacertæ* Schrank, 1788a, 5 (in fusslosen Eidechse; by Pall., Comment. petrop., 19, pl. 10 fig. 16).—Bosc, 1802a, 26.—Gmel., 1790a, 3039.—Nordm., 1840a, 660 (so. *echinatus*).—Rud., 1809a, 98 (so. e.).
- lemuris* Rud., 1819a, 18, 228 (intest. cœc., *Lemur mongoz*; Mus. Wien).—R. Bl., 1888a, 774.—Braun, 1895b, 229; 1903a, 279; 1906a, 311; 1908a, 313; 1915a, 331.—Heine, 1900a, 780.
- leporis* Rud., 1809a, 93 (so. *unguiculatus*) (quotes Frœl., 1789a, 144).—R. Bl., 1891t, 484-485 (s. u.) (in *Lepus variabilis*; Briançon, Haute-Alpes).—Hall, 1916a, 24 (to *Trichuris*).—Rail., 1893a, 484 (so. *unguiculatus*).
- [*megaloccephala* (Krabbe, 1869) Fuhrm., 1908, 115, 118 (lapsus for *Trichocephaloides megaloccephala*) (in *Totanus calidris*). See *Cestode Catalog.*]
- milvi* (Frœl., 1802) Rud., 1814a, 87 (in *Falco milvus*).
- minutus* Rud., 1819a, 638 (in *Didelphis cayopollin*; Brazil).—Cobbold, 1879b, 433.—Duj., 1845a, 40.—Heine, 1900a, 780.—Also reported for *Didelphys azaræ*, *D. cancrivorus*, *D. dom.*, *D. nudicaudata*, *D. virginiana*.
- muris* Schrank, 1788a, 4 (in *Mus musculus*; Gœze, 1782a, 119-121, pl. 7 figs. 1-5).—Bennet & Olivier, 1826a, 22 (in *M. m.*).—Bosc, 1802a, 26.—Frœl., 1802a, 30-31 (in *M. m.*).—Hall, 1916a, 26 (to *Trichuris*).—Nordm., 1840a, 659 (so. *nodosus*).—Rud., 1809a, 96, 97 (so. n.).—Schrank, 1803, 189-190.
- nitschi* Gieb., 1866a, 276 (in *Mustela martes*; by Nitzsch).—Linst., 1878a, 38 (in *M. m.*).
- nodosus* Rud., 1809a, 96-97 (*muris* renamed) (in *Mus musculus*; by Gœze); 1814a, 86-87; 1819a, 17-18, 227-228.—Bellingh., 1845a, 478.—Blainv., 1824a, 518 (to "Capillaire").—Braun & Lûche, 1909a, 111; 1910a, 122.—Brumpt, 1910a, 401; 1913a, 466.—Cobbold, 1879b, 316 (in lemmings, rats, voles, mice).—Duj., 1845a, 35-36.—Eberth, 1863a, 47, 48, 52, 53, 63.—Hall, 1916a, 26 (so. *Trichuris muris*).—Heine, 1900a, 780.—Lam., 1816a, 213.—Leuck., 1868a, 464.—Linst., 1909a, 78, fig. 74 (in *Arvicola amphibius*).—Nordm., 1840a, 659.—Oken, 1815a, 192-193.—Ollers, 1816a, 56.—Rail., 1889p, 63, 64 (in souris, rats).—Risso, 1826a (b), 260 (in souris; Alpes Maritimes).—Tidswell

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nodosus—continued.

& Johnst., 1912, 112 (in mice; N. S. W.).—Also reported for *A. arvalis*, *Echinomys anticola*, *Georhynchus capensis*, *Hesperomys physoides*, *Holochilomys brasiliensis*, *Loncheres bistriata*, *Mus amphibius*, *M. arvalis*, *M. rattus*, *M. sylvaticus*.

ophisaurus Froriep MS. in Rud., 1809a, 98 (so. *echinatus*) (in *Lacertæ apodis ventriculo*).

ovis Abildg., 1795 [nv.]—Hall, 1916a, 28 (to *Trichuris*).—Rail., 1893a, 481 (=affinis).—Rans., 1911a, 112 (to *Trichuris*).—Verrill, 1870, 176.—Ward, 1895a, 335 (in *Bos taurus*), 338 (in *Ovis aries*).

palæformis Rud., 1819a, 16, 19, 223–225 (in *intestinis crassis Simiæ sphingis*, *S. ursinæ*, *S. sylvani*, *S. patæ*, *S. sabææ*; Berlin, etc.).—R. Bl. 1888a, 774 (so. *hominis*).—Braun, 1895b, 229; 1903a, 279; 1906a, 311; 1908a, 313; 1915a, 331.—Crep., 1845, 326 (*paliformis*) (in *Macacus rhesus*).—Duj., 1845a, 33–34.—Heine, 1900a, 780.—Schneid., 1866a, 171 (so. *dispar*).

paliformis Crep., 1845, 326 (for *palæformis*) (in *Macacus rhesus*).

serratus Linst., 1879b, 334–335 (in *Felis dom.*; Coll. Hering); 1889c, 240; 1889a, 13 (in *F. d.*).—Fiebiger, 1912a, 246.—Heine, 1900a, 781 (in *F. d.*).—Hut. & Mar., 1913b, 503.—Nev.-Lem., 1912a, 758.—Rail., 1893a, 483.

[*simiæ* Treutler, 1793a, 26 (apparently not as specific name) (in *Simia patæ*; by Treutler).]

simiæ-patæ (Treutler, 1793) R. Bl., 1888a, 774 (so. *hominis*).

species Rail., 1892v, 116–117 (in *foet.*).

species Schnyder, 1906, 28, 36, 44, 48, 51 (in *Bos taurus*).

species Reported for *Erethizon dorsatus*, *Oryx leucoryx*, *Putorius*.

[*sphærocephalus* in Salmon & Stiles, 1898b, 15 (lapsus for *Trichodectes sph.*).]

spirillum (Pall., 1781a) Blainv., 1828a, 539 (to *Mastigodes*).

subdepressus Blainv., 1828a, 538 (reiers to Brems., 1824c, *Icones*, pl. 1 fig. 15–19, i. e. *depressusculus*, in *Canis fam.*).

subspiralis Dies., 1851a, 294 (*cecum*, *Dasypus loricatus*, *D. trilineatus*, *D. unicinctus*, *D. gymnotus*; Brazil).—Cobbold, 1879b, 321 (Brazilian armadillos).—Heine, 1900a, 780.

suis Schrank, 1788a, 5, 8 (in *Sus scrofa fera*; Gœze, 1782a, 112, pl. 6 fig. 6).—Rail., 1893a, 481 (=crenatus).—Rud., 1809a, 96 (so. c.).

tenuissimus Rud., 1803a, 4–6 (in *Strix bubo*; by Rud.); 1809a, 87–88; 1810a, 380; 1814a, 85–86; 1819a, 13.—Duj., 1845a, 14 (so. *Trichosoma obtusum*).—Olfers, 1816a, 56.

tetricis (Frœl., 1802) Rud., 1814a, 87 (in *Tetrao tetricus*).

trichinus Mans., 1903, 639 (s. *dispar*) (misprint for *trichiurus*) (common in feces of people from Tropics); 1903, 642; 1904, 639, 642.

trichiuria Mukerji & Dass, 1915, 205 (for *trichiura*) (in *Homo*).

trichiurus Simon, 1907a, 311, fig. 104 (for *trichiurus*); 1911a, 237.—Tidswell & Johnst., 1912, 112 (for *trichiurus*) (so. *dispar*) (in *Homo*; N. S. W., Queensland).—Wellman, 1914, 797–798.—Wolff, 1912, 86–87 (Deutsch-Ostafrika).

trichiurus (Linn., 1771) R. Bl., 1895 (1896b), 759–761, fig. 87 (s. *dispar*, *hominis*, *Asc. trichiura*, *Trichocephalus*, *Trichuris*) (in *Homo*; 1900g, 486; 1906, 372.—Braun, 1903a, 278; 1906a, 309 (*trichiurus*), 311, fig. 205; 1908a, 312; 1915a, 330, fig. 291.—Braun & Lücke, 1909a, 104, 150, fig. 42; 1910a, 113, 164, fig. 42.—Brehon, 1905, 540.—Brimont, 1909, 376; 1909, 423.—Brumpt, 1910a, 401; 1913a, 466.—Busacchi, 1917, *B.S.M.B.* v. 5, 65–72, 99 (path.); 1917, *Pens. med.*, v. 7, 154.—Caplescu, 1913, 538, 540, fig. 1.—Cast. & Chalm., 1910a, 929; 1913a, 1301.—Cecil & Bulkley, 1912, v. 15, 225–245, pls. 1–4.—Daniels, 1910a, 71, 122; 1914a, 134, 135.—Galli-Val., 1901c, 360, 365 (in *H.*); 1903f, 350–355, figs. 1–2; 1903g, 1434; 1903h, 224; 1903i, 653; 1904f, 14, 142; 1907, 213, 214, 225 (in *H.*; Carthage, Tunis, Kairouan).—Guiart & Grimbert, 1906a, 535–537, figs. 307–308.—Hempelm., 1912a, 108, 111.—Koch, 1910, v. 14, 103–104.—Lamour., 1913, 455–457.—Linst., 1905bb, 191, 192.—Looss, 1905, 192; 1914, v. 2, 510.—Mans., 1907, 4 ed., 704, 705, 706–707, figs. 125, C, 128.—Mathis, 1914, 197, 203 (in *H.*; Tonkin).—Mathis & Léger, 1909, 488.—da Matta, 1914, v. 1 (1), 23–24, fig. 1.—Neum. & Mayer, 1914a, 78, 410.—

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Nev.-Lem., 1902a, 94, 95, 108, 109; 1904a, 96, 97, 110, 111, 113; 1906a, 283, figs. A-E, 326, fig. D.; 1908a, 460.—Oefele, 1902a, 494.—Ringebach & Guyomarc'h, 1915, 302.—Roger, 1901a, 95, 96.—Royal, 1909, May 16, 501.—Schifone, 1908a, 1330 (Tricoc.).—Seifert, 1908a, 518, 520, 523, 538, 551.—Shipley, 1909t, 67, 68; 1911, 208, 216, 217.—Siccardi, 1905, 1476.—Sl. & Sw., 1912a, 338, 339, 402, fig. 190A, B.—Smith, 1911, 170, 1 fig. (in H. Phila.).—Stitt, 1910a, 232, 238; 1916a, 321.—Verdun, 1907a, 351-354, figs. 125-126, 158 (s. d., h., Asc. trichiura) (in H.; Cosmopolitan).—Ward, 1903, 216, fig. 3551.

trichuris (Blumenb., 1779) Strong, 1907a, 502 (for trichiurus).—Wellman, 1914, 797-798.

tubaeformis Leuck., 1868a, 466 (in Affen; quotes Schneid.).

unguiculatus Rud., 1809a, 93-94, pl. 1 fig. 11 (s. leporis) (in Leporis intestinis crassis; Holstein-Beck, 1785a, 1-6, pl. 1 figs. 1-5); 1819a, 17 (in cæco Arcatomydis citilli, Cuniculi feri, Leporis timidi, L. variabilis), 225-226.—Bail., 1866b, 74.—Baird, 1853a, 4 (in L. t.).—R. Bl., 1891t, 484 (s. leporis).—Braun & Luehe, 1909a, 111.—Brumpt, 1910a, 401; 1913a, 466.—Cobbold, 1879b, 316, 319.—Dewitz, 1892b, 129, fig. 92.—Duj., 1845a, 37.—Eberth, 1863, 47, 48, 49, 53, 62, pl. 7 fig. 21.—Fischer, 1840, v. 13 (1), 153 (in L. t.).—Fiebiger, 1912a, 246.—Galli-Val., 1901c, 360 (in L. t.); 1915, CifB, 512 (in L. t.; Oebe).—Garin, 1913, 104, fig. 37.—Hall, 1916a, 24 (so. Trichuris leporis).—Heine, 1900a, 780, 786.—Hut. & Mar., 1913b, 503.—Lam., 1816b, 213.—Leuck., 1868a, 464.—Linst., 1897, 618, pl. 28 fig. 29.—Marzocchi, 1908, 211 (Erycocephalus); 1908, 166 (Trycoc.).—Mueh., 1898b, 10, 49 (in hare).—Nev.-Lem., 1912a, 759.—Nordm., 1840a, 659 (s. Mastigodes leporis).—Olfers, 1816, 56.—Rail., 1893a, 484 (s. l.).—Risso, 1826a (b), 260 (in lièvre; Alpes Maritimes).—Schneid., 1866a, 172, 211, pl. 13 figs. 7, 8.—Shipley, 1896a (1901b), 145 (in hare, rabbit).—Stiles & Hass., 1894e, 348 (in L. sylvaticus, L. t.).—Stoss., 1896c, 125, fig. 7; 1898c, 90 (in lepre; Istria).—Zsch., 1914, v. 58, 94.—Also reported for Lepus, L. cuniculus dom., L. c. ferus, Spermophilus citillus.

vulpis Frøel., 1789a, 142-145, pl. 4 figs. 25-29 (in fox; Frøel.).—Bennett & Olivier, 1826, 23 (in wolf).—Bosc, 1802a, 26.—Cat. RUSL, 1830, 38.—Rail., 1893a, 483 (so. depressusculus).—Rud., 1809a, 94.—Schränk, 1803, 190.—Ward, 1895a, 343 (in Canis fam.).

TRICHODERMA Greef, 1869a, 115-117 (mt. oxycaudata) [not Trichoderma Steph., 1835, coleopt.; Swains., 1839, fish; Nonfried, 1894, insect].—Menz., 1914, AN, 77.—Panceri, 1878 (for 1876), AASim, v. 7 (10), 7.—Schep., 1908f, 200, 201.—Stiles & Hass., 1905b, 144.

oxycaudatum Greef, 1869a, 115-117, pl. 6 figs. 9-10.—Panceri, 1878, 7, fig. 14.—Schep., 1908b, 385-389, pl. 25 figs. 1-18; 1908g, 592.

TRICHODES Linst., 1874c, 271-286 (mt. crassicauda) [not Trichoda Müell., 1773, polyg.; not Trichodes Herbst, 1792, coleopt.; not Trichotis Felder, 1874, lepidopt.; not Trichoda Huebner, 1806, lepidopt.] (see Trichosomoides).—Hall, 1916a, 12 (so. Trichosomoides).—Stiles & Hass., 1905b, 144.

crassicauda (Bellingh., 1840) Linst., 1874c, 271-286, pl. 8 figs. 1-3; 1882, 12.—Hall, 1916a, 13 (to Trichosomoides).—Rail., 1893a, 489.—Rail. & Lucet, 1890b, 21.—Rollest., 1888a, 683.—Saul, 1914, CifB, 206.—Stoss., 1898c, 91 (to Trichosoma).—Wasielewski, 1913a, v. 3, 305.

crassicauda specifica Lowenstein, 1911, BkC, v. 76, 750-769, figs. 1-21 (in rat); 1912, VGdNA, v. 83 (2), 162-166 (in rat); 1912, MmW, v. 59 (6), 324.—Saul, 1914, CifB, 206.

TRICHODORUS Cobb, 1913, JWAS, v. 3 (16), 441 (mt. obtusus).

obtusum Cobb, 1913, 441.

TRICHOKEPHALUS Bælz, 1883a, 239 (for Trichoc.).

dispar (Rud., 1802), Bælz, 1883a, 238.

TRICHONCEPHALUS Lutz, 1894a, 66 (misprint for Trichoc.).

TRICHONEMA Cobbold, 1874h, 85-87 (mt. arcuata) [not Trichonema Fromentel, 1875, protozoan; Trichonema Stål, 1873, hemipt.].—Stiles & Hass., 1905b, 144.

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acuta Cobbold, 1874b, 83-87, figs. a-g (in horse; Eng.); 1874n, 218, 220, 1 fig.; 1875, v. 4 (1), 44 (Trichozenema); 1875e, 241, 242; 1878b, 85; 1879b, 374 (s. Nematodeum equi-caballi, so. Str. tetracanthus) (in Equus cab.).—Rail., 1893a, 462 (sub Sclerost. tetracanthum).—Seur., 1916, 343, 363.—Ward, 1895a, 341 (arcuatum).

TRICHONEMINÆ Rail., 1916, RmV, v. 92. 521.

TRICHOSOMA Rud., 1819a, 13-16, 219-220 (Capillaria 1800 renamed, hence type brevicolle=anatis) [not Trichosoma Boisd., 1834, lepidopt.; Swains., 1839, fish; Trichosomus Swains., 1839, fish; Chevrolat, 1881, coleopt.].—Althaus, 1864, 362.—A., D., & E., 1901b, 6.—Barile, 1912, v. 37, 126-133, figs. 1-3.—Bellingh., 1844, 475-476.—Blainv., 1824a, 513; 1828, 537-538. R. Bl., 1887g, 202-204; 1888a, 774.—Braun, 1883a, 182; 1895b, 213; 1903a, 248, 253; 1908a, 279; 1915a, 285.—Brems., 1824, 123-124.—Burm., 1856a, 279.—Carns, 1863, v. 2, 463 (contains div.; Gymnothere, Echinothere).—Car. RUSL, 1830, 38.—Crep., 1829b, 1-3; 1839a, 278.—Criv., 1845a, 5.—Dav., 1877a, ciii.—Deslgch., 1824hhh, 751-752; 1830e, 360-361.—Duj., 1845a, 4-9.—Eberth, 1863a, 43, 44, 55.—Fischer, 1840, 153.—Galeb, 1878b, 342.—Gasperi, 1913, v. 5, 639-642, figs. 1-2.—Gedœst, 1911a, 113.—Goldb., 1855a, 111.—Joy, 1835a, 503.—Kolenati, 1857d, 13.—Kowal., 1900a (b), 183-184; 1901a (b), 268-285, figs. 1-18; 1902a, 48; 1904, AN, 15-16.—Lepri, 1898, 55.—L'Hermier, 1826a, 10.—Linst., 1902d, 31; 1904n, 298, 299; 1909 (15), 77, 79; 1909, 66 (egg).—Lint., 1892i, 705.—Loewenstein, 1911, v. 76 (3), 545-591 (in rat).—Looss, 1901, 41.—Lutz, 1894a, 65.—Mayer, 1841, 5, 6.—Mehl., 1831a, 73.—Mol., 1857a, 151, 216, 217.—Mordw., 1908, v. 13 (1-2), 190.—Neum., 1892d, 345, 374, 376.—Nev.-Lem., 1912a, 650.—Nordm., 1840a, 660, 665 (s. Cap.).—Par., 1887, 357; 1897c (d), 380-385 (1-6), pl. 10 figs. 1-10.—Perugia, 1893a, 206-210; 1893b, 9-13; 1893c, 1-4; 1894a, 151-152.—Perugia & Par., 1890b, 774-777.—Pratt, 1916a, 221.—Rail., 1893a, 484 (s. Cap.).—Rail. & Lucet, 1889c, 360-362; 1890a, 381; 1890b, 19.—Rans., 1911a, 117 (so. Cap.).—Ratz, 1900f, 180.—Rayer, 1843g, 180-183, pls. 7-8.—Rizzo, 1902, v. 6, 26-41, figs. 1-11.—Rollet., 1888a, 676, 681, 686, 688.—Schlotthauber, 1860a, 125.—Schneid., 1866a, 12, 14, 15, 30, 165, 167-168, 173, 187, 188, 200, 211, 244, 245, 249, 253, 255, 264, 269, 277, 286, 312.—Schneidem., 1896a, 305.—Schnyder, 1906b, 191 (in Taube).—Shipley, 1896a (1901b), 144, 145, 163.—Sl. & Sw., 1912a, 391.—Solger, 1877a, 19-23, pl. 2; 1877b, 44-45.—Stiles & Hass., 1905b, 144.—Stoss., 1890a, 3-38 (monograph); 1898c, 91.—Wallenstedt, 1847a, 8.—Walter, 1866, 75-76.—Westwood, 1851, 644 (Trichostoma).

aërophylum Vaull., 1901a, 126 (for aërophilum) (in chat, martre, renard).

aërophilum Crep., 1839a, 278-279 (in der Luftröhre des gemeinen Fuchses; by Crep.); 1849, 55.—Balla, 1911, v. 34 (11), 121-124; 1912, v. 28 (2), 31 (trichosomiasis nasium).—Chaussat, 1850, 47.—Cobbold, 1861, 121.—Dies., 1851a, 258.—Eberth, 1863a, 48, 53, 58-59, pl. 7 figs. 2, 3, 16 (in Canis vulpes); 1863, 68.—Fiebiger, 1912a, 249.—Gedœst, 1911a, 113 (in cat).—Hut. & Mar., 1906a, 20, 60; 1910b, 29, 70, 78; 1913b, 31, 75, 84, fig. 4 (in Dachs, Fuchs, Hund, Katze, Wolf).—Muëll., 1889, v. 15 (4-5), pls. 6-9, 271-273 (in Canis vulpes); 1890c, 64, 67 (in cat; Munich) to (Eucoleus).—Nev.-Lem., 1912a, 760.—Rail., 1893a, 487.—Rail. & Lucet, 1890b, 19.—Rollet., 1888a, 681.—Schneid., 1866a, 168, 169, pl. 13 fig. 12.—Shipley, 1896a (1901b), 145 (in fox, marten).—Sl. & Sw., 1912a, 391, 403.—Stoss., 1890, 23.—Vaull., 1901a, 126 (aërophylum).—Also reported for C. fulvus, F. dom.

aërophylum Eberth, 1863a, 48, etc. (for aërophilum).

alatum (Mol., 1858) Stoss., 1890a, 7 (s. entomelas) (in Mustela foina, Putorius putorius, P. vulg.; Italy, France, Ireland).—Kowal., 1902d, 7 (25) (in P. fectidus; Dublany); 1904, v. 38, 26 (11), (in P. f.); Dublany. —Also reported for Putorius putorius.

alaudæ Rud., 1819a, 15 (in intestinis crassis Alaudæ arvensis; C. E. V.).—Dies., 1851a, 261.—Duj., 1845a, 16.—Stoss., 1890, 27.

anatis (Schrank, 1790) Rail., 1893a, 486 (s. Trichosoma brevicolle) (in Anser dom., wild Anatidae).—Gedœst, 1911, 113 (in dom. goose).—Hut. & Mar., 1913b, 503.—Kowal., 1902d, 7, [25] (in A. dom.; Dublany).—Nev.-Lem., 1912, 768.

angustum Duj., 1845a, 16-17 (in Fringilla coelebs; by Duj.).—Dies., 1851a, 253-254 (s. fringillæ) (in F. c.; Rennes).—Stoss., 1890a, 9 (in F. c.; France, Austria).

annulare Gedœst, 1903a, 50, 103 (for annulatum Mol.) (in Gallus gallinaceus).

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- annulatum* Mol., 1858d, 156 (in Phasianus gallus; Padua); 1861c, 320-321, pl. 15 figs. 1-2 (s. Cap. semiteres, Gord. gallinae, Fil. tetricis-gallinae, Hamularia nodulosa, Linguatula unilinguis, Trichosoma longicolle) (in Perdix cinerea, Phasianus colchicus, P. gallus, P. pictus, Tetrao tetraz, T. urogallus).—Anacker, 1887c, 514.—Caruccio, 1886, 293.—Dies., 1860, 292; 1861c, 280.—Geddes, 1911, 114 (in chicken).—Hass., 1896a, 6 (in Gallus dom.).—Hut. & Mar., 1906a, 403; 1910b, 506; 1913b, 258.—Land., 1882, 23.—Nev.-Lem., 1912a, 769.—Perronc. & Tomiolo, 1901, 68.—Rail., 1893a, 487.
- annulosum* (Duj., 1845) Dies., 1851a, 256 to (Calodium) (s. muris-decuman) (in Mus decumanus, M. rattus; Ireland, Rennes).—Eberth, 1863a, 48, 50, 53, 57, pl. 6 fig. 7.—Mueh., 1898b, 49 (in M. d.).—Rail., 1889p, 67 to (C.) (in rat, surmulot).—Stoss., 1890, 16.
- bacillatum* Eberth, 1863a, 48, 50, 53, 58, pl. 6 fig. 4, pl. 7 figs. 1, 8, 15 (in esoph., Mus musculus).—Stoss., 1890a, 24-25 (in M. m.).—Rail. & Lucet, 1890b, 19. [*boeticum* Ramb.—De Seabra, 1909, v. 3 (4), 155.—Insect.]
- bombinatoris* Linst., 1892a, 327, 342, figs. 6-7 (in Bombinator igneus; teste Linst.); 1893, 332.—Seur., 1916, 363 (in B. i.).
- bovis* Schnyder, 1906a, 28 (in Bos taurus; Zürich).—Rans., 1911a, 120 (to Cap.).
- breve* Linst., 1877b, 178 (in Totanus fuscus; Ratzeburg).—Stoss., 1890a, 27 (in T. f.; Ratz.).
- brevicollis* Kowal., 1901a (b), 274 (7) for brevicollis.
- brevicollis* Rud., 1819a, 13 (s. Trichoc. capillaris) (in intestinis caecis Anseris, Anatis querquedulae; Europe).—Bail., 1866b, 75.—Baird, 1853a, 3.—Cobbold, 1861, 122; 1879b, 447.—Dav., 1877a, ciii.—Dies., 1851a, 254.—Duj., 1845a, 21 (s. anatis. capillaris, Linguatula trichocephala).—Eberth, 1863a, 48, 50, 53, 58, pl. 6 figs. 12, 17.—Fiebiger, 1912, 247, fig. 166.—Geddes, 1903a, 59, 106 (in Anser cinereus dom.).—Hut. & Mar., 1906a, 403; 1910b, 506. Kowal., 1900a (b), 183-186; (Foie dom.); 1901a (b), 270-274, 284 (3-7, 17), figs. 1-7 (in A. cinereus, A. c. dom., Anas querquedula, Harelda glacialis, Mergus merganser, M. serrator, Oedemia fusca, Otis tarda); 1904, v. 38, 24 (9) (s. anatis).—Linst., 1890d, 185; 1909a, 79, fig. 75 (in Anas boschas, Anser anser, Anas q., M. m., M. s.).—Mehl., 1831a, 74, pl. 2 fig. 4 (in Eisente).—Mueh., 1898b, 49 (in H. g.).—Rail., 1893a, 486 (s. Trichoc. anatis).—Rans., 1911 (127), 117 (so. Cap. tumida).—Stoss., 1890, 16.—Wolffh., 1900a, 10, 54, 58, 59 (in Anas b. d., O. t.; Europe).—Also reported for Anas fusca, A. ferus, Bernicla sandwichensis.
- brevispiculum* Linst., 1873g, 293-294 (in Blicca bjerkna; by Linst.); 1878a, 259 (in B. d.); 1878, 230-231; 1885b, 247 (intest. B. b., Lota vulg.; by Linst.); 1909a, 79 (in B. b., L. v.).—Hofer, 1904a, 230 (in B. b.).—Stoss., 1890a, 11 (in B. b., L. v.; Razeburg, Hameln).—Zsch., 1903b, 132, 133 (in L. v.).
- canis vulpis* Rayer, 1843g, 182-183, pl. 7 figs. 1-11 (in bladder, Canis vulpis; by Rayer).—Duj., 1845a, 26 (so. Calodium plica).—Mol., 1861c, 328 (so. C. p.).
- capillare* Linst., 1882a, 14, pl. 2 fig. 19 (in Maulwurf [Talpa europaea]); 1887, 113.—Kholodk., 1901, 253 (in Sorex vulg.).—Stoss., 1890a, 13 (in Crocidura aranea, T. e.).—Trav., 1915, 153 (so. Cap. (Cap.) linstowi).
- caprimulgi* Rud., 1819a, 15 (in Caprimulgus europaeus; C. E. V.).—Dies., 1851a, 262.—[Duj., 1845a, 16 (in C. e.).]—Stoss., 1890a, 27.
- carbonis* Rud., 1819a, 16 (in intest., Pelecanus carbo; C. E. V.).—Dies., 1851a, 262 (s. Cap. pelecani-carbonis) (in Carbo cormoranus; M. C. V.).—[Duj., 1845a, 21 (in C. c.; Mus. Wien).]—Linst., 1909a, 80 (in Phalacrocorax carbo).—Skrj., 1916, 460 (in P. c.).—Stoss., 1890a, 27 (in P. c.; Wien).
- cati* Cobbold, 1873c, 125 (in wild cat).
- caudinflatum* (Mol., 1858) Stoss., 1890a, 7-8 (in Coturnix dactylisomans; Padua).—Geddes, 1903a, 50, 105 (in Phasianus colchicus); 1911a, 113 (in chicken).—Hut. & Mar., 1913b, 504.—Kowal., 1900a (b), 185 (s. longicollis pars, galinum) (in poule; by Kowal.); 1901a (b), 274-277, 285 (7-10, 18), figs. 8-11 (in Coturnia coturnix, P. c., Tetrao urogallus); 1902d (e), 30 (12) (so. galinum); 1904, 10 [25] ("Trichosomac audinflatum") (in Gallus dom.; Dublany).—Nev.-Lem., 1912a, 769.—Shipley, 1911, 214.—Reported for Cortunix com.

TRICHOSOMA—Continued.

- charadrii* Rud., 1819a, 16 (inter *Charadrii minoris* et *Himantopodis tunicas ventriculi*; C. E. V.).—Dies., 1851a, 262 (in C. m., *Himantopus melanopterus*; M. C. V.).—[Duj., 1845a, 20 (in C. hiaticula; by Crep.).—Linst., 1909a, 80 (in C. dubius).—Stoss., 1890a, 27 (in *Aegialites minor*, H. *melanopterus*).
- chrysotidis* Stoss., 1890a, 28 (in *Chrysotis amazonicus*; by Walter, 1866a (b), 78 (28)).
- collare* Linst., 1873g, 294-295, pl. 13 fig. 1 (in *Gallus dom.*; by Linst.).—Anacker, 1887c, 514.—Caruccio, 1886, 293.—Fiebiger, 1912a, 248.—Gedölst, 1903a, 50, 103 (in *Gallus gallinaceus*); 1911a, 113 (in chicken).—Hass., 1896a, 6 (in G. d.).—Hut. & Mar., 1906a, 403; 1910b, 506; 1913b, 503.—Lahd., 1882, 23.—Lucet, 1888a, 314 (s. *Asc. vesicularis*) (in chicken).—Mordw., 1908, v. 13 (1-2), 190.—Neum., 1900a, 515.—Nev.-Lem., 1912a, 768.—Perronc. & Tomiolo, 1901, 68.—Rail., 1893a, 487.—Stoss., 1890a, 19 (in G. d.; Ratzeburg).
- columbæ* Rud., 1819a, 15 (in intest. crass. *Columbæ dom.*; C. E. V.).—Gedölst, 1911a, 113 (in pigeon).—Hut. & Mar., 1913b, 503, 504.—Nev.-Lem., 1912a, 765.—Rail., 1893a, 485 (so. *tenuissimum*).—Stoss., 1895c, 33 (3) (in *Columba sp.*); 1898c, 91 (s. *tenuissimum*) (in *piccioni domestici*; Trieste).
- contortum* Crep., 1839a, 278 (in *Charadrius hiaticula*, *Corvus cornix*, *Falco buteo*, *Recurvirostra avocetta*, *Tringa pugnax*, *Uria grylle*, *Vanellus cristatus*; by Crep.); 1846, 136, 137.—Baird, 1853a, 2.—Dies., 1851a, 252.—Duj., 1843a, pl. 14 fig. C. 1-2; 1845a, 12-13 (so. *dispar* Duj.) (in *avocette*, *buse*, *combattant*, *corneille*, *guillemot*, *vanneau*; by Crep.).—Eberth, 1863a, 45, 48, 50, 53, 59, pl. 6 fig. 5, pl. 7 fig. 18.—Fiebiger, 1912a, 248.—Fröhner, 1915a, 260.—Gedölst, 1911a, 113, fig. 150 (in young ducks).—Hébrant & Antoine, 1913, v. 62 (1), 4-8.—Hut. & Mar., 1906a, 189, 208; 1910b, 252; 1913b, 258.—Kowal., 1904, v. 38, 21 (6) (in *Anas boschas dom.*; *Dublanj*).—Lepri, 1898a, 53, 54, 55-56, figs. 1-5 (in *Accipiter nisus*).—Leuck., 1868a, 462.—Linst., 1873g, 296 (in *Sturnus vulg.*); 1875a, 200 (in *Anas crecca*; by Linst.); 1877, 176-177 (in A. c., *Corvus corone*, *Larus ridibundus*, *Sturnus vulg.*); 1879a, 181 (in *Lusciola tithys*); 1884a, 135-136 (in L. *rubecula*); 1887d, 113 (in *Astur nisus*; by Linst.); 1890d, 182; 1897c, 618-619, pl. 28 fig. 30 (in *Corvus cornix*); 1909a, 79, fig. 76 (in *Anas boschas*, A. *crecca*, *Lar. rid.*).—Mordw., 1908, v. 13 (1-2), 190.—Müeh., 1898b, 50 (in C. c., L. r., *Machetes pugnax*, S. *vulg.*).—Müll., 1904a, 120.—Neum., 1892d, 375, 376.—Nev.-Lem., 1912a, 766.—Pearson & Warren, 1896a, 42 (in birds).—Rail., 1893a, 487-488, fig. 337.—Rail. & Lucet, 1889b, 382-383 (in *Anas dom.*; 1890b, 19, 21 (in *Accipiter nisus*, *Ruticilla tithys*, *Rubecula fam.*); 1890, 1-12, pl. 1 figs. 1-6).—Stoss., 1890a, 23-24 (in *Anas crecca*, *Aegialites hiaticula*, *Buteo vulg.*, *Corvus corone*, C. *monedula*, C. *cornix*, C. *frugilegus*, *Larus rid.*, L. *canus*, *Lusc. tith.*, L. *rub.*, *Mach. pugn.*, *Nisus communis*, *Recurvirostra avocetta*, S. *vulg.*, *Uria grylle*; Germany); 1892b, 72 (9) (in *Cor. corone*; Trieste); 1895c, 33 (3) (in *Brit. vulg.*, *Larus can.*; Trieste, *Dalmazia*); 1896, 123; 1898c, 92 (in B. v., C. c., L. c.; Trieste, *Iamiano*).—Wolfh., 1900a, 10, 30, 32 (in *Cor. corone*, C. *cornix*; Germany).
- corvi-monedula* Baird, 1853a, 105 (in *Corvus monedula*; Ireland, quotes Bellingh., 1845a, 477) (so. *resectum*).
- convolutum* (Fourm., 1885) Stoss., 1890a, 17 (in *Ossifraga gigantea*).
- corvorum* Rud., 1819a, 15, 223 (in intest. *Corvus caryocatactes*, C. *monedula*, C. *pica*; C. E. V.).—Baird, 1853a, 105.
- crassicauda* Bütsch., 1873a, 10 (misprint for *crassicauda*).
- crassicauda* Bellingh., 1840a, 349 (in Norway rat; by Bellingh.); 1845a, 476.—Baird, 1853a, 2.—Braun, 1895b, 8; 1906a, 4.—(Bütsch., 1872a, 236-241, pl. 8 figs. 1-7; 1873a, 37.—Dies., 1851a, 259 (s. *muris-decumanus*) (in *Mus decumanus*; Ireland, Paris).—Duj., 1845a, 11.—Eberth, 1863a, 48, 50, 53, 54, 61, pl. 6 fig. 3, pl. 7 figs. 9-11.—F., S., & T., 1916a, 4 (*crassicaudum*) (in M. d.).—Hempelm., 1912a, 108.—Leuck., 1868a, 462; 1879a, 14; 1886d, 10.—Linst., 1874c, 271-286, figs. 1-6.—Laewenstein, 1910, v. 69, 533-546 (pathology); 1911, v. 9 (6), 265-266; 1911, v. 22 (13), 596.—Looss, 1892a, 90.—Müeh., 1898b, 50 (in M. d.).—Pratt, 1916a, 221.—Rail., 1893a, 489.—Shipley, 1896a (1901b), 145.—Stoss., 1898c, 91-92 (in M. d.; Trieste).—Walter, 1866a (b), 76-77 (26-27) (in M. d.).
- crassicaudatum* Leuck., 1868a, 491 (apparently for *crassicauda*).—Pratt, 1916a, 221.

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- crotali* Rud., 1819a, 16 (in intest., *Crotalus durissus*; C. E. V.).—Dies., 1851a, 263 (s. Cap. *crotali-durissi*) (in *Urocrotalon catesbyanum*; M. C. V.).—[Duj., 1845a, 21 (in C. d.; M. C. V.).]—Par., 1897c (d), 380 (1), 383 (s. Cap. c.-d.) (in U. c.).—Rizzo, 1902b, 36.—Stoss., 1890a, 28 (in *Orocrotalon* c.).
- crypturi* Rud., 1819a, 636–637 (in intest., *Crypturus*; Brazil).—Dies., 1851a, 262 (in *Tinamus tao*; B.).—Duj., 1845a, 20.—Stoss., 1890a, 28 (in T. t.; B.).—Also reported for C. sp.
- curvicauda* Duj., 1845a, 16 (in *martinet* [*Cypselus*], *Hirundo rustica*; Rennes, Wien).—Dies., 1851a, 253.—Stoss., 1890a, 9–10 (in *Cypselus apus*, H. r.; Rennes, Wien).
- cylindricum* Eberth, 1863a, 47, 50, 53, 60, pl. 6 fig. 13 (in *Falco buteo*).—Muell., 1904a, 12.—Stoss., 1890a, 28 (in *Buteo vulg.*).
- cyprini* Stoss., 1890a, 31 (so. *tomentosum*) [see Crep., 1829a, 2–3, in intest., *Cyprinus*; and Mehl., 1831a, 74].
- delicatissimum* Gedöelst, 1903a, 50, 105 (in *Phasianus colchicus*); 1911a, 113 (in pheasant).—Hut. & Mar., 1913b, 258.—Nev.-Lem., 1912a, 763.—Perronc & Tomiolo, 1901, 68.
- diesingii* Kolenati, 1856d, (1857a), 13 (in *Myotus murinus*; Kolenati).
- dispar* Duj., 1845a, 13, pl. 2 fig. A (s. *contortum* Duj., 1843) (in *Falco subbuteo*; Rennes).—Dies., 1851a, 261 (s. c.) (in F. s.; Rennes).—Eberth, 1863a, 48, 50, 53, 60, pl. 7 figs. 4, 17.—Leuck., 1868a, 462.—Muell., 1904a, 120.—Rail. & Lucet, 1890b, 19.—Stoss., 1890a, 20 (in *Buteo vulg.*, F. s.; Rennes).
- dubium* Kowal., 1894a (b), 226 (*Dublany*); 1894, 6; 1985a (b), 361–362, 366 (13–14, 18), figs. 14–17; 1900a (b), 185 (so. *retusum*); 1902d (e), 30 (12) (so. r.).—Gedöelst, 1911a, 113 (in chicken).—Nev.-Lem., 1912a, 769.
- entomelas* Duj., 1845a, 10 (intestin d'une fouine [*Mustela foina*]; Rennes).—Cobbold, 1879b, 299 (in weasels).—Dies., 1851a, 259 (in *M. putorius*, M. f., M. vulg.).—Mol., 1861c, 327 (so. *Calodium alatum*).—Stoss., 1890a, 7 (so. *alatum*) (in M. f., *Putorius putorius*, P. vulg.; Padua, Rennes).
- erinacei* Rud., 1819a, 14 (in *intestinis ten. Erinacei europæi*; C. E. V.).
- exiguum* Duj., 1845a, 9–10 (in *hérissou*; Rennes).—Blochm., 1892b, 650, 651.—Cobbold, 1879b, 295 (in *Cheiropt.*).—Dies., 1851a, 251 (s. *erinacei*, Cap. *erinacei-europæi*) (in *Erinaceus europæus*; Rennes, Ireland).—Eberth, 1863a, 47, 50, 52, 53, 56, pl. 6 figs. 6, 9, 10.—Hofmann, 1899a, 192.—Leuck., 1868a, 463, 499.—Linst., 1878a, 15 (in E. e.); 1878, 231, fig. 16.—Muell., 1898b, 50 (in E. e.).—Schneid., 1866a, 168.—Stoss., 1890a, 11–12 (in E. e.; France, Germany); 1896c (d), 123 (5) (in E. e.; Trieste); 1898c, 91 (in *riccio*; Trieste).
- exile* Duj., 1845a, 15 (intest., *Turdus merula*; Rennes).—Dies., 1851a, 253 (in T. m.; Rennes).—Eberth, 1863a, 45, 48, 50, 57, pl. 7 fig. 7.—Kowal., 1903c, 201.—Stoss., 1890a, 14 (in T. m.; R.).
- falconis-nisi* Dies., 1851a, 261 (so. *falconum* Rud.) (in *Falco nisus*; Rennes; Duj., 1845a, 13, pl. 2 fig. A, 4).—Stoss., 1890a, 22 (so. *falconum*) (in F. n.; R.).
- falconis-pygargi* Dies., 1851a, 261 (so. *falconum* Rud.) (in *Falco pygargus*; Rennes; Duj., 1845a, 14).—Stoss., 1890a, 22 (so. *falconum*) (intest., F. p.; R.).
- falconum* Rud., 1819a, 15, 222–223 (cf. *Fil. milvi*) (in intest., *Falco buteo*, F. milvus; [Europe]).—Cobbold, 1858b, 164 (in F. m.); 1879b, 447.—Dies., 1851a, 260.—Eberth, 1863a, 48, 50, 53, 59–60, pl. 6 fig. 1.—Kowal., 1903c, 199, 200.—Linst., 1909a, 79 (in *Milvus nilvus*).—Muell., 1904a, 120 (*falconum*).—Rail. & Lucet, 1890b, 19.—Stoss., 1890a, 21–22 (s. *falconis-nisi*, f.-pygargi) (in *Buteo vulg.*, *Falco pygargus*, *Nisus com.*, *Milvus regalis*; Rennes).—Wolffh., 1900a, 10, 13 (in *Accipiter nisus*; Europe).—Also reported for *Astur nisus*, *Circus cyaneus*, C. *pygargus*.
- falconum* Muell., 1904a, 120 (for *falconum*).
- felis-cati* Dies., 1851a, 259 (s. *cati*) (in urinary bladder, *Felis catus fera*; Ireland, Bellingh., 1845a, 476); 1861a, 691.—Cobbold, 1879b, 309 (in wild cat; by Bellingh.).—Gedöelst, 1911a, 113 (in dom. cat).—Linst., 1880a, 49 (in F. c.).—Nev.-Lem., 1912a, 761.—Rail., 1893a, 488.—Shipley, 1896a (1901b), 145 (in cat).—Sieb., 1845a, 206.—Sl. & Sw., 1912a, 391, 404.—Stoss., 1890a, 28 (in F. c., F. dom.; Ireland, Germany, Austria, Phila.).—Wedl, 1855a, 392.—Wolffh., 1911, 54–56, 106.
- filiforme* Linst., 1885b, 247–248, pl. 15 fig. 26 (in *Triton alpestris*, T. *cristatus*); 1909a, 79 (in T. a., T. c.).—Stoss., 1890, 20.

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- fringillæ* Rud., 1819a, 15 (in intest., *Fringilla caelebs*; C. E. V.).
- gallinum* Kowal., 1894a (b), 226 (Dublanach); 1894, 6; 1895a (b), 362-364, 366 (14-16, 18), figs. 18-22; 1900a (b), 185 (so. *caudinflatum*); 1902d (e), 30 (12) (so. c.).—Gedælst., 1911a, 113 (in chicken).—Nev.-Lem., 1912a, 769.—Shipley, 1911, 214 (so. *longicollæ*).
- gracilis* Bellingh., 1840a, 349 (in *Gadus merluccius*; Ireland); 1841a, 477.—Dies., 1851a, 263 (in *Merluccius vulg.*; I.).—Duj., 1845a, 22.—Kroy., 1838-40a, 608 (in M. v.).—Stoss., 1890a, 25 (in *M. esculentus*; Italy, Ireland).
- gracile* Mol., 1858d, 156 to (Thomix) (in *Gadus merluccius*; Padua); 1861c, 322-325, 327, 328, pl. 15 figs. 3-8 to (Th.) (in G. m.; P.).
- hepaticum* (Bancroft, 1893) Rail., 1898b, 173.—Bossuat, 1902, v. 6 (2), 192.—Gasperi, 1914, v. 60 (11), 326.—Galli-Val., 1901c, 359 (in *Mus decumanus*; Switz.); 1903l, 88-89, fig. 2 (in M. d.).—Mink, 1909, v. 3, 52.—Stiles, 1906, 75.
- hepaticum* Gasperi, 1913, Pathologica, 642 (in chimpanzee; Paris); 1914, v. 60 (11), 326.
- hirundinis* Rud., 1819a, 15 (in intestinis *Hirundinis rusticæ*; C. E. V.).
- ibidis* Eberth, 1863a, 48, 50, 53.
- incrassatum* Dies., 1851a, 257 (*Liniscus exilis* renamed) (in *Sorex tetragonurus*; Renne); 1860, 691.—Cobbald, 1879b, 296 (in S. t.).—Stoss., 1890, 6.
- inflerum* Rud., 1819a, 13, 221 (in intest., *Turdus cyaneus*; Mus. Wien).—Bellingh., 1844, 476.—Blainv., 1828, 538.—Brems., 1824a, 124, pl. 1 figs. 12-15.—Crep., 1839, 278.—Dies., 1851a, 252.—Duj., 1845a, 14-15.—Lam., 1840, 660.—Nordm., 1840a, 660.—Stoss., 1890, 10.
- lemmi* Dies., 1851a, 260 (in *Lemmus amphibius*; Retzius, 1841a, 419).—Hall, 1916a, 33, 37 (in *Arvicola amphibius*).—Linst., 1909a, 80 (in A. a.).—Stoss., 1890a, 28 (in A. a.).
- leporis* Dies., 1851a, 258-259, 574 (so. *leporis pulmonale*).
- leporis (pulmonale)* (Rud., 1819) Dies., 1851a, 258 (s. *leporis*, Fil. *pulmonalis*) (in *Lepus timidus*; by Frøel.).—[Duj., 1845a, 12.]—Hut. & Mar., 1910b, 69.—Stoss., 1890a, 29 (in L. t.).
- lineare* Leidy, 1856b, 54 (intest., *Felis catus*; by Leidy); 1904a, 100-101.—Gedælst., 1911a, 114 (in cat).—Hut. & Mar., 1913b, 504.—Nev.-Lem., 1912a, 761.—Rail., 1893a, 489 (in F. c.).—Stoss., 1890a, 28 (so. *felis-cati*).—Also reported for F. dom.
- longevaginatum* Linst., 1879b, 335 (s. *alaudæ* M. C. V.) (in *Alauda arvensis*; Coll. Hering).—Stoss., 1890, 13.
- longicollæ* Rud., 1819a, 14, 221-222 (s. *Hamularia nodulosa*) (in intest. crass., *Phasianus gallus*, P. *colchicus*, in cœc. *Tetrao urogallus*, T. *perdix*, T. *tetrix*; Europe).—Bail., 1866b, 75.—Bellingh., 1844a, 476.—Caruccio, 1886, 293.—Cobbald & Graham-Smith, 1911, 284, 307.—Cobbald, 1858b, 165 (in Tet. u.); 1861, 122; 1869a, 67 (in black grouse, capercaillie, grey partridge, pheasant); 1879b, 440, 447, 448.—Dav., 1877a, ciii.—Dies., 1851a, 260.—Duj., 1845a, 19 (s. Cap. *semiteres*, Fil. *gallinæ*, F. *phasiana*, F. *tetricis*, Gord. *gallinæ*, Ham. n., *Linguatula unilinguis*) (in *Phasianus gallus*, P. *colchicus*, *Tetrao tetrix*, T. u.; Rennes, Mus. Wien).—Eberth, 1863a, 48, 53, 57-58, pl. 6 fig. 11.—Fiebiger, 1912a, 247.—Galli-Val., 1901c, 360 (in Ph. *versicolor*; Milan).—Hass., 1896a, 6 (so. C. s., F. g., F. p., F. t., G. g., H. n., L. u.) (in *Gallus dom.*).—Hut. & Mar., 1906a, 403; 1910b, 506.—Kowal., 1900a (b), 185 (of Vien Mus., so. *caudinflatum*, of Duj. so. *retusum*) (in Ph. co., Tet. u.; Mus. Wien); 1901a (b), 278 (11) (so. *retusum*).—Land., 1882, 23.—Mehl., 1831, 74.—Mol., 1861, 302 (so. *annulatum*); 1861c, 320 (so. T. a.).—Nordm., 1840a, 666 (so. Ham. n.).—Par., 1887, 85; 1887b, 357-358 (85-86), pl. 7 figs. 48-49 (s. Gord. g., Fil. *gallinæ*, F. *tet.*, L. u., Cap. s., Ham. n., *Trichosoma longicollæ*) (in *Gallus dom.*, Ph. co., P. *pictus*, *Perdix cinerea*, Tet. *tetrix*, T. u.; Cagliari).—Schlotthauber, 1869, 125.—Shipley, 1908d, 10, 11 (in grouse); 1909t, 68; 1911, 214-217, pl. 33 figs. 4-5 (in *Chrysolophus pictus*, *Coturnix com.*, *Gallus gallinaceus*, *Lyrurus tetrix*, *Perdix cinerea*, Ph. c., Tet. u.).—Stiles & Hass., 1894e, 349 (in T. u.).—Stoss., 1890, 15.—Wehrmann, 1909a, 235 (in *Numida meleagris*).—Wolffh., 1900a, 10, 46, 49, 50, 52, 53 (in Ph. c., Tet. u., *Sterna cinerea*; Germany).—Also reported for *Phasianus* sp.
- longicollæ* of Duj. and of Eberth [not of Rud.]; Rail., 1893a, 486 (so. *retusum*) (in cecum, *Gallus gallus*, *Numida*; by Duj. and Rail.).—Hass., 1896a, 6 (so. r.).—Kowal., 1900a (b), 185.

TRICHOSOMA—Continued.

- longifilum* (Duj., 1845) Dies., 1851a, 256 to (Calodium) (in *Accentor modularis*; Rennes).—Stoss., 1890a, 9.
- longispiculum* Sans., 1889c, 236-237 (in *Phyton* [i. e. *Python*] *molurus*: Mus. Pisa).—Kowal., 1900a (b), 186 (in *P. molurus*: Stanislawow Menag.); 1901a (b), 281-283 (14-16, 18) (in *P. m.*); 1902d (e), 26 (8) (in *P. m.*; Stanislawowie); 1904, v. 38, 26 (11) (in *P. m.*).—Par., 1897c (d), 380, 384 (1, 5), pl. 10 figs. 1-3 (in *P. m.*; India).—Rizzo, 1902b, 36.—Stoss., 1890a, 13 (in *P. m.*).
- manica* (Duj., 1845) Dies., 1851a, 257 to (Thominx) (in *Fringilla cœlebs*; Rennes).—Stoss., 1890a, 25 (in *F. c.*; R.).
- meleagris-gallo-pavo* Barile, 1912, BSzF, 126-133, figs. 1-3 (in *Meleagris gallopavo* dom.; Turin).
- mingazzinii* Rizzo, 1902b, 35-37, figs. 9-10 (in intest., *Tropidonotus natrix*; Catania).—Linst., 1909a, 79 (in *T. n.*).
- modiglianii* Par., 1897c (d), 381, 384 (2, 5), pl. 10 figs. 4-7 (in *Trimeresurus formosus*; Mentawai, Sumatra); 1898a (b), 118 (17) (in *T. f.*; Mentawai Isl.).—Rizzo, 1902b, 36 (in *T. f.*).
- mucronatum* (Mol., 1858) Stoss., 1890a, 8 (in *Mustela foina*; Padua).
- muris-decumani* Rayer, 1843g, 180-182, pl. 8 figs. 12-19 (in *Mus decumanus*).—Baird, 1853a, 2.—Duj., 1845a, 11 (so. *crassicauda*) (in *M. d.*; Paris, Ireland).—Hall, 1916a, 13, 18, 35.—Mol., 1861a (b), 616 (192) (=Calodium annulosum).—Stoss., 1890a, 18 (so. c.).
- muris-musculi* Dies., 1861a, 692 (quotes Crep., 1849a, 56; in *Mus musculus*: by Froel., 1791a, 100).—Hall, 1916a, 33, 37 (in *M. m.*).—Stoss., 1890a, 29 (in *M. m.*).
- muris-sylvatici* Dies., 1851a, 259 (in *Mus sylvaticus*; Rennes, Duj., 1845a, 11).—Hall, 1916a, 33, 36 (in *Apodemus sylvaticus*; France).—Stoss., 1890a, 29.
- mustela* Mol., 1861c, 327 (so. *Calodium alatum*) (in *Mustela vulg.*; Ireland, Bellingh., 1845a, 476).
- myoxi-nitela* Dies., 1851a, 260 (in *Myoxus nitela*; Rennes, Duj., 1845a, 12).—Cobbold, 1879b, 315 (in *M.*).—Hall, 1916a, 33, 36-37 (in *Eliomys quercinus*; France).—Stoss., 1890a, 29 (in *M. n.*; Rennes).
- nodosum* [? (Rud., 1809)] Eberth, 1863a, 53.
- obtusiusculum* Rud., 1819a, 13, 220 (in *Ardea grus*; Mus. Wien).—Crep., 1846, 136.—Dies., 1851a, 254.—Duj., 1845a, 20-21.—Lam., 1840, 660.—Mehl., 1831, 74.—Nordm., 1840a, 660.—Stoss., 1890, 6.—Also reported for *Vanellus cristatus*.
- obtusum* Rud., 1819a, 13, 220-221 (s. *Trichoc. tenuissimus*) (in intestinis cœcis *Strigis aluconis*, *S. bubonis*, *S. dasypodis*, *S. oti*, *S. passerinæ*; Europe).—Bellingh., 1844, 476.—Crep., 1846a, 130 (in *Falco buteo*, *F. lagopus*, *F. nisus*).—Dies., 1851a, 252 (s. *Fil. strigis*, *T. t.*) (in *F. l.*, *Strix passerina*, *S. bubo*, *S. aluco*, *S. tangmalmi*, *S. otus*, *S. flammea*; Greifsw., Rennes).—Duj., 1845a, 14 (s. *F. s.*, *T. t.*) (in *S. aluco*, *S. bubo*, *S. passerina*, *S. otus*, *S. dasypus*, *S. flammea*; Germany, Austria, Rennes).—Eberth, 1863a, 45, 48, 53, 59, pl. 6 figs. 14, 16.—Linst., 1877, 177 (in *S. otus*); 1880a, 49 (in *S. noctua*).—Muell., 1904a, 120.—Rail. & Lucet, 1890b, 19.—Stoss., 1890a, 21 (in *Bubo maximus*, *Nyctale dasypus*, *Otus vulg.*, *Strix f.*, *Syrnium aluco*, *Surnia noctua*, *S. passerina*; France, Austria, Germany).—Wolffh., 1900a, 10, 16, 17 (in *O. v.*; Germany).—Also reported for *Aegolius otus*, *Brachyotus palustris*, *Buteo lagopus*, *Coracias garrulus*.
- ornatum* Duj., 1843a, [335], 347, pl. 14 figs. B, 1-7 (de la Farlouse); 1845a, 28 (to *Calodium*).—Dies., 1851a, 256 to (C.) (in *Anthus pratensis*; Rennes).—Stoss., 1890a, 6 (in *A. p.*; R.).
- oropunctatum* Linst., 1873g, 296, pl. 13 fig. 2 (in *Sturnus vulg.*; by Linst.).—Stoss., 1890a, 12 (in *S. v.*; Ratzeburg).
- pachyderma* Linst., 1877b, 177-178 (in *Podiceps minor*; Hagenau); 1909, 80 (in *Columbus nigricans*).—Stoss., 1890a, 22 (in *P. m.*; Hagenau).
- pachyramotum* Wedl, 1856b, 127-129, figs. 9-12 (in *Jagdleopard*; by Wedl).—Dies., 1861a, 691 to (*Liniscus*) (in *Felis guttata*; Wien).—Stoss., 1890a, 13 (in *F. g.*).—Also reported for *Cynailurus guttatus*.
- papillifer* Linst., 1877a, 7, pl. 1 fig. 11 (in *Hirundo urbica*; by Linst.).—Stoss., 1890a, 22 (in *Chelidon rustica*; Hameln).—Also reported for *C. urbica*.

TRICHOSOMA—Continued.

- papilligerum* Rail. & Henry in Blome. 1911. RMv. v. 88 (11), 390 (*Trichosomum papillosum* Blome, 1909 nec Wedl 1856 renamed).
- papillosum* Wedl. 1856b, 129-130, figs. 13-14 (in sheep; by Wedl).—Blome, 1909, v. 21 (8-9), 353-368, pls. 1-3 figs. 1-15.—Curtice, 1890c, 16, 147.—Dies., 1861a, 692 (in *Ovis aries*).—Hut. & Mar., 1913b, 504.—Rail., 1893a, 489 (a strongyle) (in sheep; Buenos-Aires).—Rans., 1911a, 105, 107 (to *Strongyloides*).—Stoss., 1890a, 29-30 (in *O. a.*).—Trav., 1915, v. 7 (2), 159-160 (in *O. a.*).—Ward, 1895a, 338 (in *O. a.*).—Wolffh., 1911, 54.
- papillosum* (Polonio, 1860) Linst. 1878a, 21 (in *Mus decumanus*).
- papillosum* Fritsch. 1886a. 99, pl. 1, 105-106, figs. 7-8 (in stom., *Malapterurus electricus*; Egypt).—Linst., 1889a, 89 (in *M. e.*).
- papillosum* Blome. 1909. ZV, v. 21, 354-365, figs. 1-11. (in Auerhühner; Breslau); 1909, RMv, 390 (in *Tetrao urogallus*; B.); 1910, RgMv, v. 15, 716-717.—Trav., 1915, 156 (so. Cap. (*Thominx*) blomei).
- parile* Kowal., 1903b (c), 198-200 (7-9), figs. 7-9 (in *Bubo maximus*); 1903e, 518 (in B. m.); 1904, v. 38, 19, 21 (4, 6) (in B. m.; Boryslaw).
- picorum* Rud., 1819a, 15 (in intest., *Picus canus*, *P. major*, *P. viridis*; C. E. V.).—Dies., 1851a, 261 (in *Picus canus*, *P. v.*, *P. m.*; Europe); 1861a, 692.—[Duj., 1845a, 18 (in *P. m.*; Rennes).—Eberth, 1863a, 53.—Leidy, 1856b (1904a), 55 (101) (in *P. colaris*).—Linst., 1879b, 335-336 (in *P. martius*; Coll. Hering).—Stiles & Hass., 1894e, 349.—Stoss., 1890a, 10-11 (in *Gecinus viridis*, *G. canus*, *Picus collaris*, *P. m.*; Phila. & Europe).—Trav., 1915, 153 (of Leidy, 1856, so. Cap. (*C.*) leidyella).—Wolffh., 1900a, 10, 43 (in *Dryocopus martius*).—Also reported for *Dendrocopus major*.
- plica* Rud., 1819a, 14, 222 (in *Canis lupi vesica urinaria*; Berl.).—Bail., 1866b, 74 (to *Calodium*).—Balla, 1911, v. 27 (32), 579-580.—Bellingh., 1845a, 476 (in dog, fox).—Cobbold, 1869a, 47, 50; 1873c, 91; 1879, 305, 309.—Dav., 1877a, ciii.—Dies., 1851a, 255 to (*C.*) (*s. canis-vulpis*) (in *Canis vulpes*, *C. fam.*; B., Ireland, Paris).—Duj., 1845a, 10 (in dog, fox, wolf; B. I.) (cf. *Calodium*).—Eberth, 1863a, 47, 50, 53, 55-56, pl. 6 fig. 8, pl. 7 figs. 6, 13.—Galli-Val., 1908, 610 (in dog; Milan).—Gedölst. 1911, 113 (in dog).—Mol., 1861c, 328 (to *C.*).—Müch., 1898b, 50 (in *C. vulpes*).—Nev.-Lem., 1912a, 759.—Rail., 1893a, 485 (in chien, loup, renard; Europe).—Schneid., 1866a, 169, pl. 13 fig. 2.—Shipley, 1896a (1901b), 145 (in fox, wolf).—Sl. & Sw., 1912a, 391, 404.—Stoss., 1890a, 5 (in *C. f.*, *C. v.*; Europe).—Verrill, 1870, 173.—Ward, 1895a, 343 (in *C. f.*).—Also reported for *C. lupus*, *Vulpes vulg.*
- protractum* Duj., 1845a, 20 (in *Vanellus cristatus*; Mus. Wien).—Dies., 1851a, 262 (*s. vanelli*) (in V. c.; M. C. V.).—Stoss., 1890a, 30.
- putorii* Rud., 1819a, 14 (intestinis ten. *Mustela putorii*, *Erinacei europæi*; C. E. V.).—Mol., 1861c, 327 (*s. Calodium alatum*).
- recurvum* Solger, 1877a, 19-23, pl. 2 figs. 1-5 (in *Crocodilus acutus*; Mex.).—Cobbold, 1879b, 456.—Stoss., 1890a, 30 (in *C. a.*; Mex.).
- resectum* Duj., 1843a, [335], 347, pl. 14, figs. D1-3 (intest., *Corvus monedula*; Rennes); 1845a, 17-18 (in *C. m.*; R.).—Baird, 1853a, 2.—Dies., 1851a, 254 (*s. corvorum*, *corvi-monedulae*, Cap., *C. corvi-monedulae*) (in *C. caryocatactes*, *C. m.*, *C. pica*, *C. glandarius*, *C. frugilegus*; M. C. V., R., Ireland); 1861a, 691 (in *C. f.*; Padua); 1861c, 280.—Eberth, 1863a, 45, 48, 50, 56-57, pl. 6 figs. 15, 18, pl. 7 figs. 5, 12.—Kowal., 1903c, 197-198, figs. 3-6; 1903e, 517-518; 1904, v. 38, 21 (6) (in *Garrulus glandarius*, *Pica caudata*; Dublany).—Leuck., 1868a, 462.—Linst., 1877b, 177 (in *C. g.*).—Mol., 1858d, 156 (in *C. f.*; P.); 1861c, 321 (in *C. f.*; P.).—Stoss., 1890a, 14-15 (in *C. m.*, *C. f.*, *G. g.*; Europe).—Wolffh., 1900a, 10, 19, 20, 21, 25, 26, 30, 33, 34, 35, 36, 37, 38, 39 (in *Corvus corone*, *C. f.*, *G. g.*, *Lycos monedula*, *P. c.*, *Pyrrhocorax alpinus*; Europe).
- retusum* Rail., 1893a, 486 (*s. longicollis* Duj. nec Rud.) (in cecum, *Gallus gallus*, *Numida*; France).—Fiebiger, 1912a, 247.—Freese, 1908, DtW., v. 16 (50), 713-716; 1909, v. 66 [n. s.], v. 34 (7), 434-436; 1909, v. 44 (5), 144-145; 1909, v. 14, 621.—Gedölst. 1903a, 50, 103-104 (in *Gallus gallinaceus*, *Numida meleagris* dom.); 1911a, 113 (in chicken, guinea fowl).—Hass., 1896a, 6 (in *G. dom.*).—Hut. & Mar., 1910b, 506; 1913b, 503, 504.—Kowal., 1900a (b), 185-186 (*s. dubium*) (in poule); 1901a (b), 277-281, 285 (10-14, 18), figs. 12-15; 1902d (e), 30 (12) (*s. d.*); 1904, v. 38, 25 (10) (in *Gallus dom.*; Dublany).—Nev.-Lem., 1912a, 761.—Shipley, 1911, 214.

TRICHOSOMA—Continued.

- rigidulum* Duj., 1845a. 15–16 (in *Accentor modularis*; Rennes).—Dies., 1851a. 253 (in A. m.; R.).—Stoss., 1890a. 10 (in A. m.; R.).
- rubrum* Lint., 1892i. 705–707. figs. 1–5 (in *Spizella socialis*; Albany. N. Y.).
- schmidtii* Linst., 1874c. 283–286. pl. 8 figs. 4–6 (in *Mus decumanus*); 1878a. 21 (M. d.).—Stoss., 1890a. 16–17 (in M. d.).
- simile* Kowal. 1903b (c). 200–201 (9–10). figs. 10–11 (in *Turdus pilaris*); 1903e. 518, figs. 10–11 (in T. p.); 1904. v. 38, 19, 21 (4, 6) (in T. p.; Dublany).
- sonsinoi* Par., 1897c (d). 382–383. 384 (3–5). pl. 10 figs. 8–10 (in *Zamenis viridiflavus*; Pisa).—Rizzo, 1902b. 36 (in Z. v.).
- species Gerv.—Villot, 1875a. 467 (in *Delphinus delphis*).
- species Nicoll. 1911. PZSL. 674–676. fig. 165 (in *Lepus europæus*).
- species Perugia, 1893a. 11, 206–210 (in *Mus decumanus*; Genoa).
- species Schlotthauber, 1860a. 125 (in *Felis dom.*; by Schlotth.).
- species Schnyder. 1906a. 36 (in *Bos taurus*; Germany); 1906b. 191 (in cattle; Germany).
- species Wollfh., 1900a. 20 (in *Corvus corone*; Europe), 23 (in C. c.; E.), 34 (in C. frugilegus; E.), 45 (in *Turdus merula*; E.).
- species Wollfh., 1911. 56–57 (in *Anser cinereus dom.*; Argentine).
- species also reported for *Anas mollissima*, *A. tadorna*, *Anser torquatus*, *Charadrius pluvialis*, *Colymbus arcticus*, *C. septentrionalis*, *Falco albicilla*, *Felis catus*, *Vespertilio discolor*.
- speciosum* Ben., 1873b. 19–20 (in *Vespertilio daubentonii*, *V. dasycnemus*, *V. serotinus*; Belgium); 1873c. 319–321 (in bats; by Ben.).—Cobbold. 1879b. 294 (in Cheiropt.).—Linst., 1909a. 80. fig. 77 (in V. daub., V. das.).—Stoss., 1890a. 8 (in V. das., V. nattereri, V. daub., *Vesperus serotinus*; B.).—Also reported for *Vesperugo discolor*, *V. noctula*, *V. serotinus*.
- spinulosum* Linst., 1890d. 185 (in *Fuligula ferina*; Ing.).
- spirale* Mol., 1858 (1859e). 301 (in *Ibis falcinellus*; Padua); 1861c. 321 (in I. f. P.).—Dies., 1861a. 692; 1861c. 280.—Eberth. 1863a. 61. pl. 7 fig. 14 (in I. falcinella; Nizza).—Stoss., 1890a. 30–31 (in *Plegadis falcinellus*; Italy).
- splenaecum* Dies., 1851a. 255 to (Calodium) (for splenæcum) (in *Sorex araneus*; Rennes).—Cobbold. 1879b. 296 (in common shrew).—Leuck., 1868a. 462.—Stoss., 1890a. 8–9 (in *Crocidura aranea*, *S. leucodon*; Europe).
- splenaecum* Duj., 1843a. 332–338. pl. 14 figs. A. 1–10 (in *Sorex araneus*; Rennes); 1845a. 25–26 (in musaraigne; R.), pl. 1 fig. a.
- splenoecum* Schneid., 1866a. 313 (for splenaecum).
- striatum* Linst., 1879a. 182 (in *Astur nisus*; Ing.).—Stoss., 1890a. 19 (in *Nisus com.*; Hameln).
- strumosum* Reibisch, 1893a. 331–340. pl. 13 figs. 1–7 (in *Phasianus colchicus*; Germany); 1894a. 152.—Ciurea. 1914. 49–55. pl. 5 figs. 1–2.—Gedølst. 1911a; 113 (in young pheasants).—Hut. & Mar., 1913b. 258.—Nev-Lem., 1912a. 763.
- talpa* (Sieb., 1850 or Dies., 1851) Linst., 1882a. 13–14 (in *Talpa*); 1878a. 18 (in T. europæa).—Seur., 1916. 363.—Stoss., 1890a. 31 (in T. e.).—Visentini & Gandini. 1915. v. 13 (12), 362.
- tenu* (Duj., 1845) Dies., 1851a. 258 to (Eucoleus) (s. Fil. erinacei) (in *Erinaceus europæus*; M. C. V.).—Galli-Val., 1906. v. 41. 746–747. figs. 1–2 (in liver, E. e.; Lausanne); 1907 (176), 46.—A. Müell., 1889a. 273. pls. 6–9 (in lungs, E. e.).—Rail. & Lucet, 1889. 360.—Stoss., 1890a. 20 (in E. e.; Wien., Hameln).
- tenuissimum* Dies., 1851a. 256–257 to (Calodium) (s. columbæ, *Calodium tenue* (in *Columba dom.*, C. livia; Ireland).—Anacker. 1893g. 185.—Collinge. 1911. 58 (in pigeon).—Eberth. 1863a. 47. 50. 53. 56. pl. 6 fig. 2.—Fiebiger. 1912a. 247.—Fröhner. 1915a. 260.—Hut. & Mar., 1906a. 403; 1910b. 506; 1913b. 503.—Leidy. 1886e. 310 (in *Zenaidura carolinensis*; Florida).—Nev-Lem., 1912a. 765.—Par. & Per., 1894. 151–152 (in *Mus decumanus*).—Pratt. 1916a. 221.—Rail., 1893a. 485 (s. c. *Calodium tenue* Duj. nec *Eucoleus tenuis* Duj.).—Stiles & Hass., 1894e. 349 (in Z. c.).—Stødter. 1901a. 95 (in Tauben).—Stoss., 1890a. 12 (in Col. livia, C. dom., Z. c.; Ireland, Wien, Fla.); 1898c. 91 (so. c.).

TRICHOSOMA—Continued.

- tenuissimum* Leidy, 1891a (1904a), 412–413 (234) (in liver, *Mus decumanus*; by Leidy)—Trav., 1915, 158 (so. *Cap. leidy*).
- tomentosum* Duj., 1843, [335], 348, pl. 14 fig. G (in cyprins); 1845a, 22, pl. 2 fig. E (in *Cyprinus idus*, *C. erythrophth.*, ?*C. jesus*; Rennes, ?Greifsw.).—Dies., 1851a, 263 (s. cyprini) (in *Cyprini* sp. inc., *Leuciscus idus*, *L. erythrophth.*; Greifsw., R.).—Hofer, 1904a, 230 (in *Idus melanotus*, *Scardinius erythrophth.*).—Krøyer., 1846–53a, 434, 462 (in *L. e.*, *L. i.*).—Linst., 1909a, 80 (in *I. m.*, *S. e.*).—Stoss., 1890a, 31 (in *I. m.*, *S. e.*; R.).
- totani* Linst., 1875a, 200 (in *Totanus hypoleucos*; by Linst.); 1909a, 80 (in *Trig-noides hypoleucos*).—Stoss., 1890a, 26 (in *Tot. h.*; Hameln).—Also reported for *Actitis hypoleucos*.
- tridens* (Duj., 1845) Dies., 1851a, 257–258 to (*Thominx*) (s. *Th. tridens*) (in *Sylvia luscini*; Rennes).—Stoss., 1890a, 26 (in *Luscinia luscini*; R.).
- trilobum* Linst., 1875a, 198–200 (in *Vanellus cristatus*; by Linst.).—Stoss., 1890a, 24 (in *V. c.*; Hameln).
- tritonis* Krabbe, 1857a, 520 [nv.] [cf. Duj., 1845a, 21 (in *Triton punctatus*; Paris)]—Leuck., 1868a, 462.—Linst., 1909a, 80 (in *T. tæniatus*).
- tritonis-cristati* Dies., 1861a, 692 (in *Triton cristatus*; Wedl; Krabbe, 1857a, 520–522).—Bossuat, 1902, v. 6 (2), 197.—Rail., 1889p, 67 (in *Triton*).—Stoss., 1890a, 31 (in *T. c.*; Wien).
- tritonis-punctati* Dies., 1851a, 262–263 (in *Lissotriton punctatus*; Medoniæ; Duj., 1845a, 21, pl. 2 fig. F (see *tritonis*) (in *Triton punctatus*; Meudon)).—Stoss., 1890a, 31 (in *T. p.*; Paris).—Also reported for *T. tæniatus*.
- tuberculatum* Linst., 1914, CIB, v. 73, 395–396, figs. 1–2 (in *Acipenser ruthenus*; Biol. Station Wolga).
- tumidus* (Zed., 1803) Blainv., 1828a, 538 (in canard) (=brevicollis).—Baird, 1853a, 3.
- turdi* Rud., 1819a, 15 (in intest., *Turdus viscivorus*; Wien).
- vanelli* Rud., 1819a, 15 (in intest., *Tringa vanellus*; C. E. V.).
- verrucosum* Giles, 1892d, 47–48, figs. 7–10 (in stom., sheep; Shillong) (in unpag-ed addendum, transferred to Spiropt.).—Rans., 1911 (127), 102 (to *Gongylo-nema*).—Trav., 1915, MIOC, v. 7 (2), 160 (in *Ovis aries*).
- vespertilionis* Rud., 1819a, 14 (in intest., *Vespertilio lasiopterus*; C. E. V.).—Kolenati, 1856d (1857a), 13–14 (in *Meteorus discolor*, *Panugo noctula*).

TRICHOSOMAC Kowal., 1904, v. 38, 25 (10) (for *Trichosoma*).

- audinflatum* Kowal., 1904, v. 38, 25 (10) (misprint for *caudinflatum*) (in *Gallus dom.*; Dublany).

TRICHOSOMATA Cobbold, 1879b, 179 (pl. for *Trichosoma*).

Trichosomiasis (infection with *Trichosoma*).

- nasium*.—Balla, 1912, BtW, v. 28, 31 (see *Trichosoma aerophilum*).

TRICHOSOMOIDES Rail., 1895a, 1302 (*Trichodes* Linst., 1874, nec Herbst, 1792 renamed).—Hall, 1916a, 12, 13, 18 (type *crassicauda*).—Stiles & Hass., 1905b, 144 (type c.).—Trav., 1915, v. 7 (2), 147.

- crassicauda* (Bellingh., 1845) Rail., 1895a, 1302.—Hall, 1916a, 12, 13–19, 221, figs. 9–19 (in *Epimys norvegicus*, *E. rattus*; Europe, U. S. A.).

TRICHOSOMOIDINÆ Hall, 1916a, 9, 12 (tg. *Trichosomoides*) (*Trichinellidæ*); 1916b, 519.

TRICHOSOMUM Crep., 1829b, 1; 1839a, 278 (for *Trichosoma*).—Mehl., 1831a, 74.—Rans., 1911 (127) 117 (so. *Cap.*).

TRICHOSTOMA Westwood, 1851, 644 (for *Trichosoma*).

TRICHOSTRONGYLIDÆ Leiper, 1912, JLISTM, 116.—Cast. & Chalm., 1913a, 552–553.—Hall, 1916a, 106, 123, 148; 1916b, 518.—Rail., 1915, IV C, 735; 1915, RMv, 493.—Skrj., 1916, 472 (of Rail., 1914).—Trav., 1914 (of Leiper, 1908, see *Trichostrongylinae*).

TRICHOSTRONGYLINÆ Leiper, 1908 (3), 191 (subf. of *Metastrongylidæ*; contains *Trichostr.*, *Hammonchus*, *Nematodirus*, *Cooperia*, *Ostertagia*).—Blgr., 1914, v. 7 (3), 242 (subf. of *Strongylidæ*).—F., S., & T., 1916a, 433.—Hall, 1916a, 123, 124, 131, 139, 141, 142, 144, 145, 146, 147, 148; 1916b, 518.—Nev.-Lem., 1912a, 645; 1914, BSzF, v. 39 (7), 293.—Rail. & Henry, 1910, v. 3 (5), 311;

TRICHOSTRONGYLINÆ—Continued.

1912, 563, 564, 565 (contains: C., Graphidium, H., Histiost., Heligmosomum, N., O., T.).—Rans., 1911a, 124 (to replace in part *Metastrongylinae*).—Trav., 1914, May 15, 3-4; 1914, May 1, 3-4 (Brazil).

TRICHOSTRONGYLUS Looss, 1905o, 409-422, pls. 1-2 figs. 1-14 (tod. retortæformis); 1911a, v. 4, 201, 214, 216, 221, 223, 224, 274, 294, 317, 318.—Braun, 1908a, 326; 1915a, 345.—Brumpt, 1910a, 333, 389; 1913a, 459.—Cast. & Chalm., 1910a, 431, 449.—F., S., & T., 1916a, 434.—Gedœlst, 1911a, 118.—Gilruth & Sweet, 1910, v. 33 (39), 626-627; 1910, v. 66, 418-421 (gastritis in cattle).—Hall, 1916a, 123, 124, 125, 126, 127, 128, 129, 130; 1916b, 518.—Ihle, 1917, 167, 170, 171.—Nev.-Lem., 1903a, 417; 1912a, 645.—Rail. & Henry, 1909a, 86, 87; 1912, 565.—Rans., 1907k, 1-2; 1908, v. 64, 309-314; 1911, v. 41, 363-369, figs. 1-7; 1911 (127), 14, 47, 86-87, 88, 90, 91, 92, 94, 96; 1917, TASTM, 80, 81, 82, 83.—Sl. & Sw., 1912a, 325-327.—Stiles, 1907, 582; 1914, MM, v. 2, 271, 294.—Stiles & Hass., 1905b, 144, 150.—Trav., 1914, Bm, 325 (4) (*Tricostr.*).—Ward, 1916, 697.

arci (Cobbold, 1879) Rail. & Henry, 1909a, 87.—Fiebiger, 1912a, 274.—Gedœlst, 1911a, 119 (in donkey, goat, horse, ox, sheep).—Hut. & Mar., 1913b., 472.—Nev.-Lem., 1912a, 716.—Rans., 1916., 297; 1917, 82.—Sl. & Sw., 1912a, 376, 402.—Wolfh., 1911, 65-66.

calcaratus Rans., 1911, PUSNM, 365-368, figs. 3-6 (in *Lepus sylvaticus*; Bowie, Md.); 1916, 297; 1917, 83.—Hall, 1916a, 125, 126-128, figs. 152-156 (in *Sylvilagus floridanus mallurus*; Md.)

callis Trav., 1914, Bm, 325 (4) (in *Didelphys aurita*; Rio de Janeiro) (*Tricostr.*)

capricola Rans., 1907k, 2 (in goats, sheep; U. S. A.); 1911a, 14, 87, 96-98, 122, figs. 112-117 (in *Antilocapra americana*, *Capra hircus*, *Ovis aries*; U. S. A., Europe); 1916, 297; 1917, 82.

colubriformis (Giles, 1892) Rans., 1911a, 14, 87, 90, 122 (in *Ovis aries*; India); 1916, 295, 296; 1917, 80, 81.—Braun, 1915a, 346.—Lane, 1913, v. 48 (4), 129-132, (1-11), figs. 1-14 (*s. instabilis*) (in *Homo*); 1916, v. 4 (1), 76.—Neum. & Mayer, 1911a, 444.—Stiles, 1914, MM, v. 2, 294.

delicatulus Hall, 1916a, 125, 130-131, figs. 161-163 (in *Sciurus aberti mimus*; Colo.). Rans., 1916, 297; 1917, 83.

douglasi (Cobbold, 1882; Gedœlst, 1911) Theiler & Robertson, 1915, 291-345, figs. 1-22.

extenuatus (Rail., 1898) Rans., 1907k, 2 (*s. Str. gracilis* McFadyean, 1897, not Leuck.; 1842) (in cattle, goats, sheep; Eng., U. S. A.); 1911a, 14, 17, 82, 87, 94-96, 108, 121, 122, 123, figs. 106-111 (*s. S. g.*, *S. extenuatus*, *S. retortæformis*) (in *Antilocapra americana*, *Bos taurus*, *Capra hircus*, *Capreolus capreolus*, *Odocoileus hemionus*, *Ovis aries*, *O. nahura*, *O. mexicana*, *Rangifer terrestris*; U. S. A., Australia, Europe); 1916, 296; 1917, 82.—Blgr., 1914, v. 7 (3), 246, 247 (*s. S. g.*) (in sheep; Eng.).—Craig, 1915, 498.—Gardener, 1911, 484, 485, 487, 493, fig. 4 (in *c.*, *s.*; U. S. A., Australia, Europe).—Ihle, 1917, 165, 170, 172.—[Norris, 1904, v. 5 (1), 48-57, 1 map, pls., figs. 1-11.]—Shipley, 1911, 213.

falculatus Rans., 1911, PUSNM, 364-365, figs. 1-2 (in *Capra hircus*; Pesene, S. Africa).

fiberius Barker & Noyes, in Barker, 1915, JP, v. 1 (4), 196-197, fig. c (in *Fiber zibethicus*; Neb.).—Hall, 1916a, 124, 129-130, figs. 159-160 (in *Ondatra zibethica*; N.).—Rans., 1916, 297; 1917, 83.

filicollis (Rud., 1802a) Sl. & Sw., 1912a, 377, 402, fig. 206.

instabilis (Rail., 1893) Looss, 1905o, 422 (*s. Str. subtilis*).—Blgr., 1914, P, v. 7 (3), 246, 247 fig. 3. (intest., *Ovis aries*; Eng.).—Braun, 1908a, 326-327, figs. 266-267 (*s. S. s.*); 1915a, 346, figs. 297, 298.—Brumpt, 1910a, 389; 1913a, 459.—Cast. & Chalm., 1910a, 431, 926.—F., S., & T., 1916a, 434, 435, figs. 309-310.—Gedœlst, 1911a, 119 (in dromadaire, sheep, man).—Ihle, 1917, 165, 170, 171.—Jimbo, 1914, CfB, 54 (in *Antilope dorcas*, *Camelus dromedarius*, *Homo*, *Ovis aries*, *O. laticauda*, *Papio hamadrias*).—Lane, 1913, v. 48 (2), 1-11 (*s. colubriformis*).—Looss, 1911a, 216, pl. 12 figs. 127, 128, pl. 14 figs. 148-150, pl. 15 fig. 161; 1914, v. 2, 511.—Neum. & Mayer, 1914a, 443.—Nev.-Lem., 1908a, 458; 1912a, 716.—Rail. & Henry, 1909a, 87; 1912, 566.—Rans., 1907k, 2; 1911a, 14, 87, 88-89, 90, 92, 96, 122, 123, 124, figs. 94-97 (*s. ? s.*, *Str. colubriformis*, *S. retortæformis*) (in *Antilocapra americana*, *Cam. bactrianus*, *C. d.*, *Capra hircus*, *Capreolus capreolus*, *Gazella dorcas*, *H.*, *O. a.*, *O. nahura*,

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instabilis—continued.

P. h.; Europe, N. Africa, Japan; U. S. A., ? India; 1916, 295; 1917, 80, 81.—Shipley, 1911, 212 (in *Antilope d.*, C. d., H., O. a., O. laticauda, P. h.).—Sl. & Sw., 1912a, 326, 401, fig. 184.—Stiles, 1914, MM, v. 2, 294.—Stitt, 1910a, 242; 1916a, 324.—Ward, 1916, 697, fig. 4104.—Wellman, 1914, 798.—Wolfh., 1911, 65.

macile Trav., 1915, Bm, 388 (3) (in *Tatus* (T.) *navemcinctus*: Brazil [Cooperia written in the reprint, p. 3]).

nodularis (Rud., 1809) Shipley, 1909p, 340 (in *Anatidae*); 1911, 212–213.

orientalis Jimbo, 1914, AZJ, v. 8, (3–4), 459–465, pl. 5 figs. 1–5 (in *Homo*: Japan); 1914, CfB, v. 75 (1), 53–59, figs. 1–4.—Braun, 1915a, 346.—Kitamura, 1916, v. 2, 1–69, 6 pls.; 1917, JRMS, (1), 126.—Rans., 1916, 295, 296; 1917, 81, 82.—Ward, 1916, 697.

pergracilis (Cobbold, 1873) Rail. & Henry, 1909a, 87.—Cobbett & Graham-Smith, 1911, 274, 275, 282, 286, 299, 300, 304, pl. 41 figs. 9, 10, pl. 42 figs. 11, 12.—Fanth., 1911, 261; 1911, 316.—Leiper, 1911, v. 1, 207, 218–234, figs. 16–30.—Rans., 1916, 297; 1917, 83.—Shipley, 1908d, 9–10, 11 (in *grouse*); 1909t, 64–65 [fig. 1—erroneously reported in a rainbow trout, should be *Cystidicola farionis*]; 1911, 209, 213, 217, 218, pl. 33 figs. 1–3.—Wilson, 1911, v. 2, 91–112.

pigmentatus (Linst., 1904) Hall, 1916a, 124, 128–129, figs. 157–158 (in *Lepus nigricollis*; Ceylon).

probolurus (Rail., 1896) Looss, 1905o, 419–421, 422, figs. 9–11 (in *Antilope dorcas*, *Camelus dromedarius*, *Homo*, *Ovis aries*, O. laticauda; ?Paris and Egypt); 1905, 414, 1911a, v. 216, pl. 12 figs. 125, 126.—Braun, 1908a, 327 (in A. d., C. d., H., O. a., O. l.; Egypt); 1915a, 346.—Brumpt, 1910a, 391; 1913a, 461.—Cast. & Chalm., 1910a, 432, 926.—F., S., & T., 1916a, 435, figs. 311, 312.—Fiebiger, 1912a, 272.—Geddelst, 1911a, 119 (in *dromadaire*, sheep, man).—Jimbo, 1914, CfB, 54 (in A. d., C. d., H., O. a., O. l.).—Nev.-Lem., 1908a, 458; 1912a, 716.—Rail. & Henry, 1909a, 87; 1912, 366.—Rans., 1911a, 14, 87, 90, 92, 122, 123, 124, figs. 98–101 (s. *Str. probolurus*) (in C. bactrianus C. d., *Gazella dorcas*, H., O. a.; N. Africa, Europe, U. S. A.); 1916, 295, 296; 1917, 81.—Shipley, 1911, 212 (in A. d., C. d., H., O. a., O. l.).—Sl. & Sw., 1912a, 327, 402.—Stiles, 1914, MM, v. 2, 294.—Verdun, 1907a, 383 (in d., mouton, H.; Egypt).—Ward, 1916, 697.—Wellman, 1914, 798–799.

quadriradiatus (Stev., 1904) Shipley, 1909p, 340 (in pigeons); 1911, 213 (in pigeons).

retortiformis (Zed., 1800) Looss, 1905o, 413–418, 422, pl. 1 figs. 1–3 (in *Lepus cuniculus ferus*, L. timidus; Germany).—Blgr., 1914, P, v. 7 (3), 247.—Fiebiger, 1912a, 275.—Geddelst, 1911a, 118, fig. 159 (in goat, ox, rabbit, sheep, etc.).—Hall, 1916a, 124, 125–126, 128, 129, fig. 151 (in *Lepus europæus*, *Oryctolagus cuniculus*; Europe).—Jimbo, 1914, CfB, 54 (in L. c. f., L. t.).—Nev.-Lem., 1912a, 715.—Nicoll, 1911, 676 (in L. e.).—Rail. & Henry, 1909a, 87; 1913, 454.—Rans., 1907k, 1; 1907, Oct. 4, 6–7; 1911a, 86; 1916, 297; 1917, 83.—Shipley, 1911, 212 (in L. c. [fer.], L. t.).

subtilis (Looss, 1895) Looss, 1905o, 418–419, 422, pl. 1 figs. 4–8, pl. 2 fig. 7 (so. *instabilis*), (in *Antilope dorcas*, *Camelus dromedarius*, *Homo*, *Ovis aries*, O. laticauda, *Papio* (Cynoc.) *hamadryas*: Africa, Japan).—Brumpt, 1910a, 389; 1913a, 459.—Graham-Smith, 1913, 201.—Ihle, 1917, 170.—Rans., 1911 (127), 88 (so. *instabilis*).—Stiles, 1914, MM, v. 2, 294.—Verdun, 1907a, 383 (s. *Str. colubriformis*) (in *cynocephale*, *dromadaire*, H., mouton; Egypt, Japan).

tenuis (Mehl., 1846) Rail. & Henry, 1909a, 87.—Geddelst, 1911a, 119 (in dom. chicken, duck, goose).—Nev.-Lem., 1912a, 718.—Rans., 1916, 297 (cf Eberth 1861); 1917, 83.—Shipley, 1911, 212 (in *Anser cinerea*).

tenuissimus (Mazzanti, 1891b) Sl. & Sw., 1912a, 402.

vibrinus Shipley, 1909, 340 (for *vitrinus*) (in *Camelus dromedarius*, *Homo*, *Ovis aries*, O. laticauda; Egypt, Paris).

vitrinus Looss, 1905o, 421–422, pl. 2 figs. 12–14 (in *Camelus dromedarius*, *Homo*, *Ovis aries*, O. laticauda; Egypt); 1911a, 216.—Blgr., 1914, P, v. 7 (3), 246 (in sm. intest. and stom., O., a.; Eng.), fig. 4; 1914, v. 7 (3), 246–247, fig. 4; 1915, P. 135.—Braun, 1908a, 327–328 (in C. d., H., O. a., O. l.; Egypt); 1915a, 346.—Brumpt, 1910a, 371; 1913a, 461.—Cast. & Chalm., 1910a, 432, 926.—F., S., & T., 1916a, 435, 436, figs. 313–314.—Fiebiger, 1912a, 272.—Geddelst, 1911a, 119 (in *dromadaire*, H., sheep).—Ihle, 1917, 165, 170, 171.—Jimbo, 1914, 54 (in C. d.,

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vitrinus—continued.

H., O. a., O. l.).—Neum. & Mayer, 1914a, 444.—Nev.-Lem., 1908a, 460; 1912a, 716.—Rail. & Henry, 1909a, 87; 1912, 566.—Rans., 1907k, 1; 1911a, 14, 87, 92-94, 96, 122, 123, 124, figs. 102-105 (in C. d., *Capra hircus*, H., O. a.; Europe, Africa, U. S. A.); 1916, 295, 296; 1917, 81.—Sl. & Sw., 1912a, 327, 402, 520.—Stiles, 1914, MM, v. 2, 294.—Verdun, 1907a, 383 (in d., H., s.).—Ward, 1916, 697.—Wellman, 1914, 799.

TRICHOTRACHELIDÆ [? author?], Bos, 1894a, 215-216.—R. Bl., 1895, 746.—Braun, 1883a, 160, 173; 1895b, 213, 228; 1906a, 309.—Campb. & Lacr., 1907, 78.—Daniels, 1910a, 121; 1914a, 74, 133.—F., S., & T., 1916a, 361, 363.—Fiebiger, 1912a, 243.—Kholodk., 1899a, 181.—Lepri, 1898a, 55.—Mordw., 1908, v. 13 (1-2), 190.—Nev.-Lem., 1904a, 97; 1908a, 417; 1912a, 650.—Par., 1887b, 357 (85).—Rawitz, 1898a, 1414-1415.—Roger, 1901a, 95.—Schneidem., 1896a, 305, 309 (f. contains: *Trichina*, *Trichoc.*, *Trichosoma*).—Shipley, 1896a (1901b), 144.—Sl. & Sw., 1912a, 311, 337.—Stoss., 1898c, 90.—Verdun, 1907a, 321 (f. contains: *Trichoc.*, *Trichinella*).—Wagner, 1883, 125.—Ward, 1916, 693.

TRICHOTRACHELIDEA Dies., 1861a, 461 (f. contains *Trichoc.*, *Sclerotrichum*, *Oncophora*).—Carus, 1863, v. 2, 463 (f. contains *Trichina*, *Trichosomum*, *Trichoc.*).—Goldb., 1855a, 112.—Küech., 1855a, 235.—Weinl., 1858a, 89 (f. contains *Trichoc.*, *Trichina*); 1959c, 283.

Trichotracheliden (for *Trichotrachelidæ*).—Buëtsch., 1873a, 100.—Martini, 1910, v. 65 (3), 349-352, figs. 1-5; 1910, v. 21 (14), 640.—German for *Trichotrachelidæ*.

TRICHOTRACHELIDES Leuck., 1868a, 460-463 (f.).—R. Bl., 1887h, 205.—Simon, 1897a, 209, 227; 1907, 311; 1911, 237.

TRICHOZEMA Cobbold, 1875, v. 4 (1), 44 (misprint for *Trichonema*).

arcuata (Cobbold, 1874) Cobbold, 1875, 44 (in pony).

Trichocephaliasis (see *Trichocephaliasis*).—Kahane, 1907, v. 37, 235-241 (in *Homo*), 1907, v. 25 (15), 430; 1907, v. 33 (18), 733; 1907, v. 54 (20), 100; 1907, v. 2 (14), 556; 1907 (33), 617; 1907, v. 2, 45.

TRICHOZEPHALUS Kahane, 1907, FM, v. 25 (15), 430 (for *Trichoc.*).

dispar (Rud., 1802) Kahane, 1907, 430.

TRICHURATA Skrz., 1916, 463, 551 (n. subo.: contains *Trichuridæ*).

TRICHURIA Gage & Bass, 1910, Sept. 15, 306 (for *Trichuris*).

Trichuriasis Cast. & Chalm., 1910a, 929-931 (name proposed for infection with *Trichuris*).

TRICHURIDÆ Rail., 1915, IVC, 736, 744, 748 (contains *Cap.*): 1915, RM, 494, 505 (contains *Trichurinæ*, *Capillariinæ*, *Trichinellinæ*): 1916, RMv, 517.

TRICHURIDES Röederer & Wagler, 1762a, 41 (see *Trichuris*); 1806, xlii+1-349, pls. 1-3.—Boele, 1828a, 37.

TRICHURINÆ Rans., 1911a, 15, 20, 23, 110, 111, 117 (subf. of *Trichinellidæ*, contains: *Trichuris*, *Cap.*).—F., S., & T., 1916a, 419.—Hall, 1916a, 9, 19, 20, 30, 33; 1916b, 517.—Rail., 1915, RMv, 494.

TRICHURIS Röederer, 1761a, Oct. 10, 243-246 (mt. *trichiura*): 1762, 41-42, 185-189, 193, pl. 3 figs. 4a-b: [not *Trichurus* Wagner, 1843, for *Trichosurus* Lesson, 1828, mammal; *Trichiurus* Linn., 1758a, fish; *Trichiura* Steph., 1829, lepidopt.].—Andral, 1831a, 214.—Baird, 1853a, 3.—R. Bl., 1888a, 774 (so. *Trichoc. hominis*).—Bloch, 1782a, 32, pl. 9 figs. 7-12.—Boele, 1828a, 37.—Brug., 1791a, 99, pl. 33.—Braun, 1915a, 330.—Brumpt, 1910a, 400 (so. *Trichoc.*) (*Trichiuris*): 1913a, 465.—Cast. & Chalm., 1910a, 428; 1913a, 563.—Cobbold, 1879b, 179.—Deslgch., 1824iii, 752.—Donnadieu, 1877g, 10.—Dubini, 1844, v. 3 (12), 89-91, (19) 165-167, (28) 241-242.—Duchateau, 1816b, 253, 254.—Dungl., 1893 (1895a), 1108.—Fagge & Pye-Smith, 1902a, 465.—F., S., & T., 1916a, 419.—Galeb, 1878b, 285, 286.—Garin, 1913, 9, 99-118.—Geddelst, 1911a, 112.—Guart, 1905, 12.—Hall, 1916a, 19, 20-21, 23, 24, 26, 27, 28 (type *trichiura*): 1916b, 517.—Heine, 1900, 779.—Herbst, 1787a, 21, 42 (*Trichiuris*).—Holstein, 1785a, 1-6, pl. 1 figs. 1-5.—Hooper, 1799a, 5-7.—Huber, 1896a, 590 (so. *Trichoc. hominis*).—Küech., 1855a, 235, 238 (so. *Tricoc.*).—Lam., 1801a, 338 (so. *Tricoc.*).—Looss, 1902n, 756.—Müell., 1778a, 182.—Neum. & Mayer, 1914a, 410.—Pratt, 1916a, 220.—Rans., 1904d, 43, 44, 46, 47, 50, 52, 53, 54, 55, 57, 58, 60, 63 (in *Homo*: Italy, Japan, Brazil, Washington, D. C.): 1911a, 15, 16, 17, 20, 21, 111-112, 114, 115, 116 (s. *Trichoc.*, *Trichocephalos*, *Masti-*

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- godes, Tricoc.).—Rauh, 1779a, 11.—Roe, 1828, 5.—Rud., 1809a, 89.—Schneid., 1866a, 11.—Scudd, 1884a, 325.—Simon, 1897a, 227.—Slawikowski, 1819, 56.—Stiles, 1907, 582: 1914, MM, v. 2, 271, 295; 1915, 1992 (statistics).—Stiles & Garrison, 1906, 5, 11, 12, 22, 24, 27, 36, 39, 41, 49, 51, 61, 64, 65, 68, 71, 72.—Stiles & Hass., 1905b, 145.—Stitt, 1916a, 321.—Trav., 1915, v. 7 (2), 147.—Urechia, Tupa, & Mateescu, 1913, 65.—Vogel, 1772a, 648–652.—Walker, 1914, 173.—Ward, 1907, 207; 1916, 693.—Wrisberg, 1767; 1765a, 6–14; 1783, 9–32.
- affinis* (Rud., 1802) Stiles, 1902hh, 202 (of sheep and cattle); 1903, .8, 82.—Gedöelst, 1911a, 113 (in cattle, goat, sheep, perhaps also hog).
- alcocki* (Linst., 1906) Rans., 1911a, 15, 52, 112, 115, 123, fig. 143 (in *Cervus eldi*; India).—F., S., & T., 1916a, 421.
- [*auكتورum* = of authors] Slawikowski, 1819b, 56.
- cameli* (Rud., 1819) Rans., 1911a, 15, 111, 116–117, 123 (s. *Trichoc. echinophyllus*) (in *Camelus dromedarius*, *C. bactrianus*; Europe).—F., S., & T., 1916a, 421.
- campanula* (Linst., 1889c) Gedöelst, 1911a, 113 (in *Felis dom.*).—F., S., & T., 1916a, 421.
- caudiseta* (refers to Pall., 1775a, 449).—Muell., 1778a, 182 [apparently not as specific name; cf. *trichuris*].
- contorta* (Rud., 1819) Hall, 1916a, 20, 21 (in *Georychus capensis*; Cape of Good Hope).
- crenata* (Rud., 1809) Gedöelst, 1911a, 113 (in hog).—Brau & Bruyant, 1913, BSPE, 43 (in porc; Saigon) (*crenatus*).—F., S., & T., 1916a, 420, 421.
- depressiuscula* (Rud., 1809) Stiles & Pfender, 1902a, 733–740; 1903a, 105 (*depressiuscula*); 1903b, 517–518.—F., S., & T., 1916a, 420, 421.—Gedöelst, 1911a, 113 (in dog).—Stiles, 1903, 116.
- discolor* (Linst., 1906) Rans., 1911a, 15, 111, 114, 121, figs. 141–142 (in *Bos indicus*; Ceylon).—F., S., & T., 1916a, 421.—Gedöelst, 1911a, 113 (in zebu).
- echinophylla* Gedöelst, 1911a, 113 (in *dromadaire*) (see *Trichoc. echinophallus*, 1849).
- equi* (Schränk, 1788) Brug., 1791a, 99, pl. 33 fig. 5 (in intest., *Equus*).
- fossor* Hall, 1916a, 21–23, 24, fig. 20 (in *Thomomys fossor*; Colo.).
- giraffæ* (Dies., 1851) Rans., 1911a, 15, 111, 117, 123 (in *Giraffa camelopardalis*; Egypt).—F., S., & T., 1916a, 421.
- globulosa* (Linst., 1901) Rans., 1911a, 15, 112, 115–116, 123; figs. 144–146 (in *Camelus dromedarius*; ?Germany).—F., S., & T., 1916a, 421.
- gordius* Slawikowski, 1819b, 55–56 (quotes Bloch, 1782a).
- gracilis* (Rud., 1819) Hall, 1916a, 20, 23 (in *Dasyprocta aguti*; Brazil).
- hominis* (Schränk, 1788) Brug., 1791a, 99, pl. 33 figs. 1–4 (in intest. *Hominis*, *potissimum morbo laborantis*).
- infundibulus* (Linst., 1906) Hall, 1916a, 20, 23–24, 30, fig. 21 (in *Hystrix cristata*).
- intestinalis* (Wrisberg, [n. v.]) Hooper, 1799a (b), 252 (31) (so. vulg.) (in *Homo*).
- lacertæ* (Schränk, 1788) Brug., 1791a, 100, pl. 33 figs. 11, 12 (in *Lacertæ apodis* intest.).
- leporis* (Rud., 1809) Hall, 1916a, 20, 24–26, 30, figs. 22–26 (in *Citellus citellus*, *Lepus europæus*, *L. timidus*, *Oryctolagus cuniculus*, *Sylvilagus floridanus*, *S. f. mallurus*; Europe, U. S. A.).
- muris* (Schränk, 1788) Brug., 1791a, 99–100, pl. 33 figs. 6–10 (in intest., *Mus*).—Hall, 1916a, 20, 26–27, figs. 27–28 (in *Arvicola amphibius*, *Apodemus sylvaticus*, *Arvicantis abyssinicus*, *Epimys rattus*, *E. ugandæ*, *Georychus capensis*, *Holochilus brasiliensis*, *H. physodes*, *Isothrix bistriata*, *Microtus arvalis*, *Mus musculus*, *Thricomys apereoides*; Europe, Africa).
- nodosus* (Rud., 1809) F., S., & T., 1916a, 421 (in mouse).
- opaca* Barker & Noyes, in Barker, 1915, JP, v. 1 (4), 195–196, fig. b. (in *Fiber zibethicus*; Nebr.).—Hall, 1916a, 21, 27–28, figs. 29–31 (in *Ondatra zibethica*; U. S. A.).
- oris* (Abildg., 1795) Smith, A. J., 1908a, 269 (in *Antelope furcifer*; Phila. Zool. Gard.).—Blgr., 1914, v. 7 (3), 248 (s. *Trichoc. affinis* (in large intest., *Ovis aries*; Eng.)).—Boynton & Wharton, 1916, 352 (in cow; P. I.).—F., S., & T., 1916a, 420, 421.—Hall, 1916a, 20, 28–30, figs. 32–34 (in *Hystrix cristata*).—

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Mote, 1914, 28.—Rail., 1915, RMv, 494; 1915, IVC, 736 (in chamois, goat, ox, sheep).—Rans., 1911a, 15, 112-114, 121, 122, 123, figs. 138-140 (s. *Trichoc. affinis*) (in *Alce alces*, *A. americanus*, *Auchenia glama*, *Antilocapra americana*, *Blastocerus paludosus*, *Bos taurus*, *Camelus bactrianus*, *C. dromedarius*, *Capra hircus*, *Capreolus capreolus*, *Cervus axis*, *C. elaphus*, *Dama dama*, *Gazella dorcas*, *Giraffa camelopardalis*, *Mazama rufa*, *Odocoileus hemionus*, *Ovis ammon*, *O. aries*, *O. mexicana*, *Rangifer terranovæ*, *Rupicapra rupicapra*: Asia, Africa, Australia, Europe, New Zealand, S. A., U. S. A.).

serrata (Linst., 1879) Gedöelst, 1911a, 113 (in *Felis dom.*).

species Holstein Beck, 1785a, 1-6, pl. 1 figs. 1-5 (in Hasen; Königsb.).

suus (Schränk, 1788) Smith, A. J., 1908a, 268 (in *Sus scrofa*; Iowa).—Rail., 1915, RMv, 494; 1915, IVC, 736

trichiura (Linn., 1771) Stiles, 1901, p. 527 (s. *Trichoc. dispar*); 1902, 201, 202, 211, 213; 1903, 8, 37, 41, 82, 85; 1914, MM, v. 2, 295.—Amesse, 1913, 531 (in man).—Askanazy, 1896, v. 57, 104-117, pl. 2 figs. 1-9.—Barlow, 1915, 272 (in man; Spanish Honduras).—Cast. & Chalm., 1910a, 346, 428, 449, 812, 926, 929; 1913a, 456, 563, 1119, 1293, 1301, 1719.—Dead. & Thomps., 1916a, 521-522, figs. 115, 116.—F., S., & T., 1916a, 419, 420, 679, fig. 301.—Fanyo, 1904, v. 5, 683-685, 765-767.—Gedöelst, 1911a, 113 (in man).—[Hass., 1904a, 683-684.]—Hemmeter, 1902, 582.—Jamison, 1913, 70, 141, 210 (in Homo; Costa Rica).—King, 1911, 184.—Lüthe, 1905a (b), 317 (s. *Echin. trichuris*).—Lydston, 1904a, 684-685.—Martin & McKittrick, 1917, 383, 389 (13, 19), fig. 24, 33.—Musgrave, 1906a, 561.—Neum. & Mayer, 1914a, 78, 410.—Nicoll, 1914, 4 (Queensland).—Pratt, 1916a, 220, fig. 352.—Rans., 1904d, 42, 45, 60, 63 (in H.; Eng., Italy, Wash., D. C.); 1911 (127), 111.—Smith, A. J., 1908a, 268 (in H.).—Ward, 1903, 407; 1916, 693-694, fig. 4098.

trichiuris (Simon, 1907) Graham-Smith, 1913, 198.

trichiurus (Linn., 1771) Moniez, 1896a, 360 (so. *Trichoc. dispar*) (in Homo).—Cast. & Chalm., 1910a, 743; 1913, 978 (*trichiura*), 1719.—Galli-Val., 1914, CIB, 51.—Garin, 1913, 9, 100, 104, figs. 34-36.—Graham-Smith, 1913, 198.—Guiart, 1910a, 389.

trichuris (Blumenb., 1779) Cast. & Chalm., 1913a, 1719.

unguiculata (Rud., 1809) Gedöelst, 1911a, 113 (in dom. rabbit).—F., S., & T., 1916a, 421.

vulgaris Hooper, 1799a (b), 231, 252-256 (10, 31-35), 1, pl. (s. *Trichuris*, *Tr. intestinalis*, *Asc. trichuria*) (in H.).—Bradley, 1813a, 72-74, pl. 3 figs. 1-3 (in Homo) (*Tricurus*).

vulpis (Frel., 1789) Smith, A. J., 1908a, 269 (in *Canis dom.*; Phila. Zool. Gard.).—Rail., 1915, RM, 494; 1915, IVC, 736 (in dog).

TRICHURUS Fagge & Pye-Smith, 1902a, 4 ed., 465 (for *Trichuris*).

trichiura (Linn., 1771) Cast. & Chalm., 1913a, 979.

Tricocefaliasi (Italian name for infection with *Trichoc.*).—Guidi, 1910, v. 8, 161.

Tricocefalanemia (Italian name for anemia caused by *Trichoc.*).—Guidi, 1910, v. 8, 161.

Tricocefaloza Urechia, 1913, v. 33 (3), 65-69 (cases).

TRICOCEPHALUS Lam., 1801a, 338 (for *Trichoc.*).—Calmette, 1893, 218.—Chiaje, 1825a, 4.—Forschheimer, 1913, 255.—Oui, 1906a; 1906b, 265 (appendicitis).—Rans., 1911a, 111 (for *Trichoc.*)—Stiles & Hass., 1905b, 145.

affinis (Rud., 1802a) Francis, 1894a, 451.

depressusculus (Rud., 1809) Mégn., 1891, v. 11 (62), 511.—Daniels, 1897, 71.

dispar (Rud., 1802a) Daniels, 1897, 69.—Forschheimer, 1913, 255; 1914, 255.

hominis (Schränk, 1788) Lam., 1801a, 338.

nodosus (Rud., 1809) Blainv., 1824a, 518 to "Capillaire."

trichiuris (Tidswell & Johnst., 1912) Maxwell, 1916, 238 (China).

TRICOMA Cobb, 1894c, 389-391 (mt. cincta) [not *Tricomia* Walk., 1865, lepidopt.]; 1895a, 26; 1912, v. 2, 480-484, figs. 1-2.—Stiles & Hass., 1905b, 145.

cincta Cobb, 1894c, 390-391, figs. 2-3 (Bay of Naples).

TRICOSOMA Jasperi, 1913, Pathologica, 639 (for *Trichosoma*).

- TRICONTUS** Duj., 1845a, 3, 653 (changed to *Enoplus*).—Stiles & Hass., 1905b, 145 (type ?*E. tridentatus*).
- TRICOSTRONGYLIDÆ** Trav., 1914, Bm, 325, 326 (4, 5).
- TRICOSTRONGYLINÆ** Trav., 1914, Bm, v. 28 (17), 163 (1-4) (for *Trichostrongylinæ*); 1914, Bm, 325-327 (3-4).
- TRICOSTRONGYLUS** Trav., 1914, Bm, 325 (3, 4) (for *Trichostr.*).
- TRICURIS** Bradley, 1813a, 72 (for *Trichuris*).
- TRIDONTOPHORUS** Rail. & Henry, 1906c, 608 (misprint for *Triodontophorus*).—Wellman, 1914, 800.
deminutus (Rail. & Henry, 1905) Rail. & Henry, 1906c, 608.—Wellman, 1914, 800.
- TRILOBUS** Bast., 1865c, 93, 99-100 (tsd. *gracilis* [not *Trilobus* Bruenn., 1781, crust.; not *Triloba* Vest, 1867, Mollusk].—Büetsch., 1873a, 53.—Hoimæn., 1913, 616.—Jägers., 1909, SFD, 5, 15-16.—Oerley, 1880a (b), 67, 129-130 (55, 117-118).—Stiles & Hass., 1905b, 145.
birô Daday, 1899, v. 17, 566.
diversipapillatus Daday, 1905, v. 18 (44), 53-56, pl. 2 figs. 18-23, pl. 3 fig. 1 (Paraguay); 1905, Mte, v. 23, 325; 1913, 665.
gracilis Bast., 1865c, 99, pl. 9 figs. 20-22 (in brackish water; Falmouth).—Brakenhoff, 1914, v. 22, 282-284 (*gracilis*).—Braun, 1915a, 54.—Büetsch., 1873a, 53-58, figs. 21a-e, 23a-b (Germany).—Crookshank, 1886, 924.—Daday, 1905, v. 23, 344; 1913, 665-666.—Ditlevsen, 1912, 233-234, pl. 3 figs. 16, 20.—Hoimæn., 1913, 617.—Hoimæn. & Menz., 1915, 151-152.—Jägers., 1909, SFD, 16-17, fig. 19.—Laveran & Mesnil, 1912, 104.—Linst., 1876a, 11, 12 figs. 26, 27 (Ratzeburger See).—Man, 1907, v. 7, 16.—Menz., 1914, 82.—Micol., 1913, 11; 1914, ZJ, 433-438, pl. 10 figs. 5a-c, pl. 11 figs. 5d-e; 1915, ZJ, 256-257.—Oerley, 1880a (b), 130 (118), pl. 7 figs. 29a-b, 32a-b.—Plotnikov, 1901, 246.—Schneid., 1913, 30.—Stefanski, 1916, ZA, 364, 368.—Steiner, 1916, ZA, 339, 340, 344.
graciloides Daday, 1908, v. 26, 12-14, figs. 15a-d; 1910, Z, v. 23, 46-47, pl. 2 figs. 13-16 (Rikwa-See).
grandipapillatus Brakenhoff, 1914, AnV, Bremen, v. 22, 286-288, pl. 1 figs. 5-9 (near Sandhatten).
helveticus Hoimæn. in Hoimæn. & Menz., 1914, ZA, 86-87, fig. 10 (in lake Léman, etc.; Switz.); 1915, RsZ, 154-155, pl. 4 figs. 4a-b.
leptosomii Man, 1880a, 30 (so. *pellucidus* Büetsch.?) (in moist soil; Holland).
lomnickii Grochmalicki, 1911, v. 36, 372-376 (Siwa-Woda, bei Szklo).
longicauda Linst., 1876a, 12, figs. 29, 30 (in sand; Ratzeburgersee).—Hoimæn., 1913, 618.—Jägers., 1909, SFD, 18-19, fig. 22.—Oerley, 1880, 130, 131.
longus (Leidy, 1851) Bast., 1865c, 100 (in mud; Phila.).—Cobb, 1914, TAMS, v. 33, 114-117 (38, 39, 80-83, 94), pl. 6 fig. 15 (Potomac River, D. C.).—Linst., 1876a, 12.—Oerley, 1880a (b), 130 (118).
oetiespapillata Linst., 1876a, 11-12 fig. 28 (in sand; Ratzeburgersee).—Jägers., 1909, SFD, 16, 17, fig. 20.—Oerley, 1880a (b), 130, 131 (118, 119).
pellucidus Bast., 1865c, 100, pl. 9 figs. 23-24 (in mud; Falmouth).—Brakenhoff, 1914, v. 22, 284-286, pl. 1 fig. 4.—Büetsch., 1873a, 53.—Daday, 1910, v. 23, 46.—Ditlevsen, 1912, 234.—Hoimæn. & Menz., 1915, 153-154.—Jägers., 1909, SFD, 16, 17-18, 19, fig. 21.—Linst., 1876a, 12.—Man, 1907, v. 7, 16.—Menz., 1914, AN, 82.—Micol., 1914, ZJ, 438-440.—Oerley, 1880a (b), 130 (118).—Plotnikov, 1901, 246.
species Schneid., 1913, KBNV Riga, 30 (in *Coregonus albula*).
tennicarodatus Daday, 1894, Mte, v. 12, 135-136.
- TRINCHOCEPHALUS** da Matta, A. A., 1914, AbM, v. 4 (5), 388 (misprint for *Trichoc.*).
- trichiurus* (Linn., 1771) da Matta, 1914, 388 (in man; Amazonas, Brazil).
- TRIODONTOLAIMUS** Man, 1893a, 115 (mt. *acutus*).
acutus (Villot, 1875) Man, 1893a, 115-118, pl. 7 fig. 12.
- TRIODONTOLAIMUS** n. g. Micol., 1913, SAW Wien, 117-118 [not Man, 1893] (type by present designation *alpinus*).
alpinus Micol., 1913, 118 (in fresh water; Ostalpen).
lacustris Micol., 1913, 119 (in fresh water; Ostalpen).

- TRIODONTOPHORUS** Looss, 1902, May 13 (1901a), 37, 39, 40, 78-86 (*Triodontus* Looss, 1900, not Westwood, 1845, renamed) (tsd. *serratus*), 92, 96, 99, 101, 103, 104, 106, 118, 119; 1911, v. 4, 324.—Blgr., 1916, P, 422-423.—Brumpt., 1910a, 333; 1913a, 457.—Cast. & Chalm., 1910a, 439; 1913a, 549.—Daniels, 1910a, 149; 1914a, 163.—F., S., & T., 1916a, 439.—Gedœlst., 1911a, 127.—Linst., 1904f, 9 (of Strongylidae).—Nev.-Lem., 1906a, 274; 1908a, 416; 1912a, 649.—Rail., 1905, 270.—Rail. & Henry, 1902a, 110 (*Triodontoporus*); 1909b, 170 (type *serratus*); 1912, 565.—Sl. & Sw., 1912a, 330.—Stiles, 1914, MM, v. 2, 271.—Stiles & Hass., 1905b, 145 (tsd. *serratus*).—Sweet, 1909, v. 22, 503-527, 1 pl.
- brevicauda* Blgr., 1916, P, 430-432, 433, figs. 1c, 2c, 3c, 4c, 5c, 6c (in *Equus cab.*; Eng.).
- deminutus* Rail. & Henry, 1905b (c), 269-272 (1-4) (in *Homo*; Mayotte); 1905e, 569-571; 1905f, 1-3; 1905g, 295-296; 1905h, 338; 1906c, 608; 1909b, 169 (to *Ternidens*); 1912, v. 14, 577 (to *Tern.*).—Braun, 1908a, 329 (in negro; Mayotte); 1915a, 351.—Brumpt., 1910a, 397; 1913a, 457.—Cast. & Chalm., 1910a, 439, 449, 926; 1913a, 1293.—Daniels, 1910a, 71.—Garin, 1913, 8.—Leiper, 1908, v. 11 (12), 181-184, figs. 1-4 (in H.; Nyassaland); 1908, 1-8, figs. 1-5; 1909, v. 44 (5), 147-148; 1913, 276-297, fig. 21; 1915, 570-571, figs. 1-4 (in H.; Ny., Portuguese F. Africa).—Looss, 1914, v. 2, 512, 513, fig. 63.—Neum. & Mayer, 1914a, 74, 443.—Nev.-Lem., 1906a, 274; 1908a, 454.—Sambon, 1908f, 31 (*diminutus*).—Sl. & Sw., 1912a, 330 (*deminutus*).—Stitt, 1910a, 232, 242; 1916a, 324.—Turner, 1910, 58 (in H.; Ny., S. Af.).—Verdun, 1907a, 383-384 (in H.; M., Af.).
- diminutus* Sambon, 1908f, 31 (for *deminutus*) (in *Homo*).—Neum. & Mayer, 1914a, 74, 443.
- intermedius* Sweet, 1909b, 509-511, pl. 29 figs. 1-3 (in horse; Horsham, Victoria).—Blgr., 1916, P, 423-426, 427, 428, 432, 433, fig. 1A, fig. 2A, 3A, 4A, 5A, 6A (in h.).—Rail., 1915, 493; 1915, 735 (in donkey).
- minor* (Looss, 1900) Looss, 1901a (1902), 38, 39, 82-83, pl. 3 figs. 23-30, 84, 85, 136; 1911a, 325, pl. 15 fig. 165.—Blgr., 1916, 423, 424, 426, 431, 432, 433.—Gedœlst., 1911a, 127 (in donkey).—Leiper, 1913, 276.—Neum. & Mayer, 1914a, 74, 443.—Nev.-Lem., 1912a, 744.—Rail., 1905, 270; 1915, 493; 1915, 735 (in d.).—Rail. & Henry, 1909b, 170.—Wolffh., 1911, 72-73 (in *Equus cab.*; Argentine).
- serratus* (Looss, 1900) Looss, 1901a (1902), 38, 39, 82, 84, 85, 136, pl. 3 figs. 31-38; 1911, v. 4, 324, pl. 15 fig. 164.—Blgr., 1916, 423, 424, 426, 432, 433.—Gedœlst., 1911a, 128, fig. 172 (in donkey).—Leiper, 1913, 276.—Linst., 1904f, 9 (in *Equus cab.*; Iranativu).—Nev.-Lem., 1912a, 745.—Rail., 1905, 270; 1915, 493; 1915, 735 (in d., horse).—Rail. & Henry, 1909b, 170
- tenuicollis* Blgr., 1916, P, 426-430, 431, 432, 433, 434, fig. 1B, figs. 2B, 3B, 4B, 5B, 6B (in horse).
- TRIODONTOPORUS** Rail. & Henry, 1902a, 110 (for *Triodontophorus*, tsd. *serratus*).—Gedœlst., 1903a, 56, 93.—Stiles & Hass., 1905b, 145.
- minor* (Looss, 1900) Gedœlst., 1903a, 56, 93 (in *Equus asinus*).
- serratus* (Looss, 1900) Gedœlst., 1903a, 56, 93 (*Equus asinus*).
- TRIODONTUS** Looss, 1900c, 153, 190-191 (tsd. *serratus*) [not *Triodontus* Westwood, 1845, coleopt.; *Triodon*, Cuv., 1829, fish; Ameghino, 1875, mammal].—Cast. & Chalm., 1910a, 439.—Hut. & Mar., 1906a, 406; 1910b, 509.—Rail. & Henry, 1902a, 110 (so *Triodontoporus*).—Stiles & Hass., 1905b, 145-146 (tsd. *serratus*).
- minor* Looss, 1900c, 190-191 (in colon, *Equus*; Egypt).—Hut. & Mar., 1906a, 406; 1910b, 509; 1913b, 510.
- [*robustus* (Giles, 1892) Looss, 1900c, 190 (to *Triodontus*, does not make the combination).]
- serratus* Looss, 1900c, 191 (in colon of *Equus*; Egypt); 1901, 317.—Hut. & Mar., 1906a, 406; 1910b, 509; 1913b, 510.
- TRIPULA** Bast., 1865c, 93, 178 (tsd. *glomerans*) (renamed *Tripyla*).—Stiles & Hass., 1905b, 146.
- TRIPYLA** Bast., 1865c, 93, 115-116 (tsd. *glomerans*) [not *Tripylus* Phil., 1845, echino-derm].—Büetsch., 1873a, 48.—Cobb, 1893b, 280-286 (31-37).—Hofmæn., 1913, 606.—Jægers., 1909, SFD, 5, 7.—Man, 1876a (b), 167 (90).—Menz., 1914, AN, 46.—Oerley, 1880a (b), 67, 131-132 (55, 119-120).—Stiles & Hass., 1905b, 146.

TRIPYLA—Continued.

- affinis* Man, 1880a, 12-13 (in moist soil: Holland).—Cobb, 1893b, 281, 282, 283 (32, 33, 34).—Ditlevsen, 1912, 221.—Menz., 1914, AN, 46.
- arenicola* Man, 1880a, 13-14 (in sand; Holland).—Cobb, 1893b, 281, 283 (32, 34).—Hoimæn. & Menz., 1915, 134-135.
- circulata* Micol., 1913, SAW Wien, 119-120 (in fresh water; Ostalpen); 1914, ZJ, pl. 15 figs. 14a-c (Lunz).
- crassicauda* Daday, 1899, Mte, v. 17, 561-562.
- dentata* Daday, 1894, Mte, v. 12, 130-131; 1897, v. 2 (1), 89-90, figs. 61-62 (aquatic & in sand; Balaton).
- filiacaudata* Man, 1880a, 11-12 (in moist soil: Holland).—Brakenhoff, 1914, v. 22, 273.—Cobb, 1893b, 281, 282, 285 (32, 33, 36).—Hoimæn., 1913, 607-608.—Hoimæn. & Menz., 1915, 133-134.—Jägers., 1909, 8, fig. 8.—Southern, 1914, PRIA, v. 31, 6 (Clare Isl.).
- gigantea* Daday, 1897, v. 2 (1), 110, figs. 100-102 (aquatic; Balaton).
- glomerans* Bast., 1865c, 115-116, pl. 9 figs. 16-17 (in mud; Falmouth and East-hampstead, Berks).—Büetsch., 1874b, 269.—Cobb, 1893b, 281, 282, 283 (32, 33, 34).—Oerley, 1880a (b), 132 (120).
- intermedia* Büetsch., 1873a, 52, pl. 6 figs. 34a-c (on grass roots; F. a. M.).—Cobb, 1893b, 281, 285 (32, 36).—Hoimæn. & Menz., 1915, 134.—Menz., 1914, AN, 42, 47, 83.—Oerley, 1880a (b), 132 (120).
- lata* Cobb, 1914, TAMS, v. 33 (2), 73, 82-84 (39, 48, 50, 88), pl. 3 fig. 7 (Alpine lakes, Bald Mountain, Colo.).
- marina* Büetsch., 1874b, 269-270, figs. 12a-c (in Kieler Bucht).—Cobb, 1893b, 281, 282, 284 (32, 33, 35) (Strand; K.: perhaps not a Tripyla).—Oerley, 1880a (b), 133 (121).—Schneid., 1906d, 626.—Villot, 1875a, 466 (K.).
- minor* Cobb, 1893b, 281, 283-284 (32, 34-35), pl. 39 figs. 1-3 (in soil about banana plants; Fiji).
- monhystera* Cobb, 1893b, 281, 284 (32, 34) (for monhystera).
- monohystera* Man, 1880a, 13 (at roots of plants in moist marsh soil: Holland).—Cobb, 1893b, 281, 284 (32, 35) (monhystera).
- papillata* Büetsch., 1873a, 52-53, pl. 6 figs. 35a-b (Schlamm des Mains, Coniervenmassen eines Aquariums).—Brakenhoff, 1914, v. 22, 273.—Cobb, 1893b, 281-282-283 (32, 33-34) (in mud and moist soil and among confervæ; Holland and Germany).—Ditlevsen, 1912, 221.—Hoimæn., 1913, 607.—Hoimæn. & Menz., 1915, 132.—Jägers., 1909, 8-10, fig. 9.—Man, 1907, v. 7, 9, 12.—Menz., 1914, AN, 35, 46, 82.—Micol., 1914, ZJ, 408-410, pl. 9 figs. 1a-j: 1915, 252.—Oerley, 1880a (b), 132, 133 (120, 121).—Stefanski, 1916, ZA, 364.
- salsa* Bast., 1865c, 116, pl. 9 figs. 18-19 (in brackish water: Falmouth).—Cobb, 1893b, 281, 282 (32, 33) (on roots of *Ruppia maritima*; Eng.).—Oerley, 1880a (b), 132 (120).
- setifera* Büetsch., 1873a, 51-52, pl. 6 figs. 36a-f (an der Wurzeln eines Pilzes; Schwanheimer Wald); 1874b, 269.—Brakenhoff, 1914, v. 22, 272.—Cobb, 1893b, 281, 282, 285 (32, 33, 36) (in marshy earth, Holland, and roots of a fungus, Germany).—Ditlevsen, 1912, 222.—Hoimæn. & Menz., 1915, 132-133.—Jägers., 1909, 8, fig. 7.—Man, 1876a (b), 167-168 (90-91); 1876b, 90-91 (Leyden).—Menz., 1914, AN, 31, 33, 35, 41, 46-47, 82.—Oerley, 1880a (b), 132 (120).—Schneid., 1906e, 683.
- tenuicauda* Cobb, 1893b, 281, 282, 285-286 (32, 33, 36-37) (in mud of a brook; Australia).

TRIPYLOIDES Man, 1886a, 60-66 (tsd. vulgaris).—Stiles & Hass., 1905b, 146 (tsd. v.).
[*marina* (Büetsch., 1874) de Man, 1886a, 60, 66.]

vulgaris Man, 1886a, 61-66, pl. 11 figs. 1-11, 1907, v. 20, 87 (marine; Zealand).—Jägers., 1904b, 417.—Savelev, 1912, 119.

TRISCHISTOMA Cobb, 1913, JWAS, v. 3 (16), 444 (mt. pellucidum).

pellucidum Cobb, 1913, 444 (roots of sugar cane; Jamaica, W. Indies).

TRISPICULASCARIS Skrj., 1916, 48-49, 123-124 (tsd. & mt. *Ascaris helicina* Mol.).
helicina (Mol., 1860e) Skrj., 1916, 49-50, 124, pl. 4 figs. 19-21 (in crocodile).

TRISTICHAETA Panceri, 1878 (for 1876), AASim, v. 7 (10), 7 (mt. *inarimense*).
inarimense Panceri, 1878, 7-9, figs. 15-21 (marine).

- TROPIDOCERCA** Dies., 1851a, 80, 207 (mt. paradoxa) (see also *Tropisurus*, *Tetrameres*); 1861a, 673.—Foster, 1914, JP, v. 1 (1), 45–47, fig. 1.—Linst., 1899c, 155–164, figs. 1–16; 1909 (15), 48, 68.—Maupas & Seur., 1916, 617.—Mol., 1857a, 151; 1861c, 297.—Ols., 1869b, 487.—Schellhase, 1913, 311–312, figs. 1–3 (in Gallus).—Seur., 1914, CrSB, v. 76 (4), 173–176, figs. 1–3; 1914, CrSB, 1016, 1018; 1915, CrSB, v. 78 (10), 279–282, figs. 1–4.—Stiles & Hass., 1905b, 146.
- bispinosa* Mol., 1860c, 342–343 (14–15) (s. *Spiropt. scinci-officinalis*) (in *Scincus officinalis*; M. C. V.).—Dies., 1861a, 675 (in S. o.).—Linst., 1879a, 179 (in S. o.).
- certa* Leidy, 1866e, 313 (in stom., *Diomedea exulans*; by Ruschenberger).
- coccinea* Seur., 1914, CrSB, v. 76 (17), 814–817, figs. 1–4 (in *Phoenicopterus roseus*; Algeria); 1915, CrSB, 282 (in ventricle of *Bubulcus lucidus*; Al.).—Maupas & Seur., 1916, 618.
- contorta* Weidman, 1913, PANS, 141–147, pl. 4 figs. 1–9 (in *Dichocerus bicornis*; Phila. Zool. Gard.).
- fissispina* Dies., 1861a, 674 (in *Anas boschas dom.*, A. b. fera, *Fulica atra*; Lieberkühn, 1855, 314–335, pls. 12–13); 1861c, 279 (s. *Astomum poricola*, *Tetrameres spec.*) (in A. b.; by Schlotthauher).—Fiebiger, 1912a, 242.—Fröhner, 1908, v. 16 (46), 665 (in Enten).—Grosso, 1914, CfB, v. 74 (3–4), 272–274, figs. 1–4.—Hut. & Mar., 1910b, 481.—Linst., 1879a, 177–178 (in wall of proventric., A. b. d., A. b. f., F. a.); 1899c, 160–163, figs. 5–13; 1909a (1), 68, figs. 50a, b (in A. b., F. a., *Mergus merganser*, *Nyroca ferina*).—Maupas & Seur., 1916, 618.—Rail., 1893a, 544 (to *Tropisurus*).—Rust, 1908, v. 6 (2), 30 (in *Daphnia pulex*, Enten).—Seur., 1914, CrSB, 779, 781; 1914, CrSB, 173, 174, 175, figs. 2–3 (in *Podiceps fluviatilis*); 1915, CrSB, 282; 1916, 350.
- globosa* Linst., 1879a, 175 (in wall of proventric., *Fulica atra*; Ing.). 1909a, 69 (in F. a.).
- gynæcophila* Dies., 1861a, 674 (for *gynecophila*).—Linst., 1879a, 178 (in wall of proventric., *Ardea nycticorax*); 1909a, 68 (in *Nycticorax n.*).—Maupas & Seur., 1916, CrSB, 615.—Seur., 1915, 279–280 (31–32), figs. 1–2 (in stom., N. n.; Algeria).
- gynecophila* Mol., 1858 (1859c), 298 (in cystibus, *Ardea nycticorax*; Padua); 1861c, 297–299, pl. 10 figs. 13–18 (in A. n.; P.).
- incrimis* Linst., 1879a, 176–177, fig. 24 (in wall of proventric., *Astur nisus*, A. palumbarius; by Linst.).—Maupas & Seur., 1916, 618.—Seur., 1913, v. 5, 191–199, figs. 1–11 (in *Corvus corax tingitanus*, *Passer dom.*; Bou-Saâda); 1914, 173, 175, fig. 1 (in Epervier); 1915, 281, 282; 1916, 350.
- inflata* (Mehl., 1846) Dies., 1861a, 674–675 (in *Anas glacialis*, A. mollissima, *Charadrius pluvialis*, *Ciconia nigra*, *Mergus albellus*, M. serrator, *Numenius arquatus*; by Mehl., Crep.).—Fiebiger, 1912a, 243.—Linst., 1879a, 177 (so. paradoxa of Linst., 1877, 5–6, pl. 1 figs. 6–7).—Lühe, 1898g, 623.—Rail., 1893a, 545 (of Züern, s. *Tropisurus fissispinus*).—Also reported for *Harelda glacialis*.
- nouveli* Seur., 1914, CrSB, v. 76 (16), 778–781, figs. 1–8 (in *Himantopus himantopus*; Algeria); 1915, CrSB, 282.
- nouveli* Foster, 1914, JP, v. 1 (1), 45 (for *nouveli*).
- paradoxa* (Dies., 1835) Dies., 1851a, 207 (s. *Spiropt. inflata*, *Tetrameres haemochrous*) (in *Anas anser fera*, A. glacialis, *Ardea grus*, A. virgo, *Cathartes urubu*, *Charadrius pluvialis*, *Ciconia nigra*, *Falco peregrinus*, *Mergus serrator*, *Numenius arquatus*, *Scolopax rusticola*, *Strix torquata*, *Tringa variabilis*; Brazil, M. C. V.).—Jägers., 1909, v. 2 (3), 10 (of Linst., 1877, so. *Eustrongylides elegans*).—Linst., 1877a, 5–6, pl. 1 figs. 7–8; 1879a, 177 (in *Cathartes urubu*, *Strix torquata*; Brazil).—Stiles & Hass., 1894e, 350 (in *Diomedea exulans*).—Also reported for *Anser cinereus*, *Anthropoides virgo*.
- paradoxa* (Cobbold, 1864) Linst., 1889a, 19 (in *Sus scrofa dom.*).—Rail., 1893a, 545 (to Simondsia).
- species* Foster, 1914, v. 1 (1), 45–47, fig. 1 (in provent., *Philohela minor*; Bowie, Md.).
- spiralis* Seur., 1915, CrSB, 280–282 (32–34), figs. 3–4 (in ventric., *Bubulcus lucidus*; Algeria); 1916, CrSB, 297.—Maupas & Seur., 1916, 615.
- tenuis* Linst., 1889a, 56 (in *Mergus merganser*) (quotes Lieberk., 1855a, 314–336, figs. 8–11) [cf. *Acanthophorus tenuis* in *Anas boschas dom.*].

TROPIDOCERCA—Continued.

unispina Dies., 1861a, 674 (in *Corvus cornix*; Lieberkühn, 1855, 335-336).—
Linst., 1879a, 178-179 (in wall of proventric., *C. c.*).—Stiles & Hass., 1894e,
350 (in *C. americanus*).

TROPIDURUS Wiegmann, 1835b, 338 (for *Tropisurus* 1835, type *paradoxus*) [not
Tropidurus Neuwied, 1824, reptile].—Crep., 1839, 281.—Stiles & Hass.,
1905b, 146.

TROPISURUS Dies., 1835a, 83, 93-105 (mt. *paradoxus*); 1851a, 207 (renamed *Tropi-
docerca*).—Crep., 1839a, 281.—Geddes, 1911a, 111.—Neum., 1892d, 345,
374, 377.—Nev.-Lem., 1912a, 653.—Nordm., 1840a, 669.—Rail., 1893a, 544
(s. *Acanthophorus*, *Tetrameres*, *Tropidocerca*).—Stiles & Hass., 1905b, 146
(s. *Tropidurus*, *Tetrameres*, *Tropidocerca*).

fissispinus (Dies., 1861) Neum., 1888a (1892d), 346 (377) (in canard dom.); 1906,
319 (in tame duck).—Geddes, 1911a, 111, fig. 149 (in duck).—Hut. &
Mar., 1910b, 481; 1913b, 480.—Nev.-Lem., 1912a, 832.—Rail., 1893a, 544
(s. *Acanthophorus tenuis*).—Stædter, 1901a, 61, 95.

inflatus (Mehl., 1846) Neum., 1892d, 377.

paradoxus Dies., 1835a, 94-105 (in wall of prov. *Cathartes urubus*; Brazil).—
Crep., 1839, 281.—Nordm., 1840a, 669 (in *C. u.*).—Seur., 1915, CrSB, 282.

TRYCHOSTRONGYLUS Kitamura, 1916, JAMA, v. 67 (20), 1480 (for *Trichostr.*).

TRYCOCEPHALUS Marzocchi, 1907, GRAM, v. 70, 261 (misprint for *Trichoc.*);
1908, 166.

unquiculatus (Rud., 1809) Marzocchi, 1907, GRAM, v. 70, 261.

TYLENCHUS Bast., 1865c, 94 (changed to *Tylenchus* in same paper).—Stiles &
Hass., 1905b, 147.

TYLENCHINE Marciniowski, 1909 [nv].—Menz., 1914, AN, 61 (contains *Tylenchus*,
Aphelenchus, *Heterodera*).

TYLENCHOLAIMUS.—See Scudd., 1884a, 330 (for *Tylencholaimus*).—Stiles &
Hass., 1905b, 147.

TYLENCHOLAIMELLUS Cobb, M. V., 1915, TAMS, 28-29 (mt. *dipodorus*).

dipodorus Cobb, 1915, 28-29 (Maple River, Mich.).

TYLENCHOLAIMUS Man, 1876a (b), 119-120 (42-43) (sd. *mirabilis*).—Cobb,
1893b, 296 (47).—Menz., 1917, RsZ, 155.—Oerley, 1880a (b), 67, 126 (55,
114).—Stiles & Hass., 1905b, 147.

affinis Brakenhoff, 1914, AnV Bremen, v. 22, 295-299, pl. 2 figs. 13-17 (Bremen).

aquaticus Micoll, 1913, SAW Wien, 120-121 (in fresh water; Untersee, Ostalpen);
1914, ZJ, 531-532, pl. 19 figs. 33a-b.—Menz., 1917, RsZ, 155, 158.

cuscutifrons Cobb, 1893b, 296 (47), pl. 42 figs. 1-4 (in soil about roots of banana
plants; Fiji).

grandis Steiner, 1914, AHP, 427-428, figs. 15, 16 (to *Xiphinema* Cobb).

limnophilus Daday, 1893, 32, 39-40, pl. 1 figs. 1-5.

minimus Man, 1876a (b), 120-122 (43-45), pl. 6 figs. 16a-b (grass; Leyden).—
Oerley, 1880a (b), 127 (115).—Southern, 1903, v. 17 (6), 124-125 (in sweet
peas; Donnybrook).

mirabilis (Brätsch., 1873) Man, 1876a, 120. Oerley, 1880a (b), 127 (115).—
Steiner, 1914, AHP, 428, 429.

stecki Steiner, 1914, AHP, 428-429, figs. 17-19 (bei Arosa, Switz.).

zealandicus Man, 1876a (b), 122-123 (45-46), pl. 6 figs. 17a-b (free; Walcheren
Isl.).—Oerley, 1880a (b), 127 (115).

TYLENCHOMORPHUS Fuchs, 1914, in 688-692 [nv]; 1914, RAE, 375; 1915, ZJ, 190,
207 (tod. *mirabilis*).

mirabilis (Leuck., 1884a) Fuchs, 1915, 190.

TYLENCHORHYNCHUS Cobb, 1913, JWAS, v. 3 (16), 438 (mt. *cylindricus*).

cylindricus Cobb, 1913, 438 (in soil; Southern Cal.).

TYLENCHULUS Cobb, 1913, JWAS, v. 3 (16), 287-288 (tod. *semipetrans*).

semipetrans Cobb, 1913, 287-288, figs. 1-2 (on citrus roots; Cal.); 1914, JAR, v.
2 (3), 217-230, figs. 1-13 (on citrus roots; Cal., Fla., Spain, Malta, Palestine,
Australia); 1917n, 432.—Thomas, 1913, 1-14, figs. 1-8 (in citrus roots).—
Trabut, 1915, BSHNA, v. 6 (7), 118-119, figs. a-b (roots of citrus).

- TYLEN**(*HUS* Bast., 1865c, 125-128 (94, *Tylenenchus* (tsd. *davainii*).—A., D. & E., 1901b, 8.—Agric. J. Union South Africa, Pretoria, 1911, v. 2 (6), 709 (lucerne).—Aur., 1883, 5, 9, 10.—Bessey, 1905, S, v. 21, 391-392 (grass).—Bos, 1891, 1, 4, 5, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22, 25, 26, 27, 28, 30, 36, 37, 38, 40, 41, 42, 44.—Braun, 1895b, 215 (= *Anguillulina*).—Büetsch., 1873a, 31.—Cast. & Chalm., 1910a, 403; 1913a, 517.—Cobb, 1888a, 30-31; 1893a, 812-816 (35-39); 1893b, 296-301 (47-52); 1902, AG, v. 13, 1031-1033, fig. 1.—Fuller, 1913, AJ, Pretoria, v. 6 (3), 440-448, figs. 1-3, pl. 33.—Hempelm., 1912a, 101.—Hofmæn., 1913, 645.—Horn, 1909, v. 63, 67-77, 1 pl. (in moss).—Jægers., 1909, SFD, 6, 43-44.—Jaffrin, 1901, v. 45, 787-788 (chrysanthèmes).—Johnst., 1909, s, v. 30, 576 (wheat).—Laidlow, 1914, v. 12, in 370-377, figs. 1-3.—Lebo & Taylor, 1914, v. 93, 242, fig. 1.—Linst., 1876, 11.—Looss, 1905, 169; 1911, v. 4, 243, 244, 246, 250, 251.—Low, 1904e, 420-421, figs. 1-4.—Man, 1876a (1876b), 124 (47); 1892a, 121-125, figs. 1-3, pl. 16, figs. 1-14 (Meer-esalge).—Menz., 1914, AN, 61.—Muell., 1884a, 37.—Nev.-Lem., 1913a, 283.—Noel, 1907, v. 29, 34-36.—Oerley, 1880a (b), 67, 102-103 (55, 90-91).—Penel, 1905, 99.—Pennetier, 1886, 284-286; 1887a, 365 (vitality).—Pratt, 1916a, 218.—Rollest., 1870, 137; 1888a, 686.—Shipley, 1896a (1901b), 131, 154, 155, 157, 160, 163.—Southern, 1909, v. 4, 91.—Steiner, 1914, in 259-275, figs. 1-29.—Stiles & Hass., 1905b, 147 (tsd. *davainii*).—Thomas, 1896a, 50-53.—Vañha, —?—, 1-6.—Volkart, 1905, v. 33, 642-644, figs. 1-2 (Weizenelchen).
- acutocaudatus* Zimmermann, 1898, 42-43, fig. 12 (in coffee roots; Java); 1898, 29; 1904, v. 2 (1), 33 (on c. plants; J.).—Faber, 1909, CfB, v. 23 (6-9), 218 (on c. r.; J.).
- agrostidis* Bast., 1865c, 128 (s. *Vibrio graminis*, *Anguillula graminearum* pars, apparently for *agrostis* Steinb., 1799a).—Bos, 1891, 5.—Marcinowski, 1909, 44.—Nev.-Lem., 1913a, 284, 297.—Oerley, 1880a (b), 103 (91).
- allii* Beyerinck, 1883 [nv.].—Bos, 1886, 106, 107; 1888, 38, 39; 1888, v. 3 (2), 162, 165, 166, 167; 1889, v. 3 (3), 282, 284.—Cobb, 1893b, 300 (51) (so. *devastatrix*).
- arenarius* (Neal, 1889) Nev.-Lem., 1913a, 284, 297.
- askenasi* Büetsch., 1873a, 39-41, pl. 2 figs. 8a-g (in *Hypnum cupressiformis*; Feldburg).—Bos, 1888, v. 3 (2), 167, 168.—Chatin, 1884b, 12.—Huber, 1909, 6 (in moss).—Oerley, 1880a (b), 103 (91).
- biformis* Cobb, 1909, 63; 1915, JAR, v. 4 (6), 561, 563 (so. *similis*).
- bioculatus* Zimmermann, 1904, v. 2, 11-36, pls. 1-5 [nv.] (on tea plants; Java, Ceylon) [not found; on p. 27 he gives *Tetranychus*].—Embleton, 1905, ZR (for 1904), Verm., 54.
- bryophilus* Steiner, 1914, AHP, 271, 273, figs. 19-20 (Moosrasen; Schweiz); 1916, v. 46, 329; 1916, ZA, 337.
- bulbosus* Micol., 1915, ZJ, 271-272 (cf. species 1914, 529, figs. 35a-b) (Hallstättersee).
- candens* Jablonowski, 1899, 6, 157-162, 184-189, figs. 1-4, Ausz. 15-16, 17 [cf. *scandens*].
- cobbi* Man, 1906, v. 41, 161 (*T. gracilis* Cobb, 1888, 70 renamed).
- coffæ* Zimmermann, 1898, 16-30, figs. 3-10 (on coffee); 1898, v. 27, 44; 1898, 29; 1904, v. 2 (1), 33 (on coffee plants; Java).—Faber, 1909, CfB, v. 23 (6-9), 218, figs. 39-40 (coffee roots; Java).
- consobrinus* Man, 1906, v. 41, 160-163, figs. 4-7 (la prairie de terre sabloneuse; près de Flessingue, Holland).
- contorta* Kûehn, 1857 [nv.].—Dolley, 1894a, 1021 (s. *Trichina contorta*).
- contortus* n. sp. Fuchs, 1915, ZJ, 117, 128, 131, 135, 165, 167, 175, 176 (in *Ips typographus*).
- contortus cembraei* Fuchs, 1915, ZJ, 180 (in *Ips cembrae*).
- contortus typographi* n. sp. Fuchs, 1914, ZA, 203 (in *Ips typographus*); 1914, RAE, 375 (in I. t.); 1915, ZJ, 117-120, 186, 187, 188, 189, 206 [= *contortus*] (in I. t.).
- davaini* Man, 1880a, 74-75 (for *davainii*).—Ditlevsen, 1912, 243.—Brakenhoff, 1914, v. 22, 299-300.—Linst., 1889a, 136.—Menz., 1914, AN, 62, 88.—Steiner, 1916, ZA, 345.

TYLENCHUS—Continued.

- davainii* Bast., 1865c, 126, pl. 10 figs. 109-111 (in moss: Falmorth).—Aur., 1883, 10.—Büetsch., 1873a, 37, pls. 1-2 figs. 7a-c (on roots of moss and grass; by Büetsch.).—Cobb, 1888a (b), 30 (70).—Man., 1876a (b), 132-133 (55-56), pl. 7 figs. 22a-c (Leyden).—Matouscheck, 1910, v. 10, 272-280, figs. 1-2.—Oerley, 1880a (b), 103, 106 (91, 94).
- dendrophilus* Marcinowski, 1908, 43; 1909, v. 7 (1), 131-135, figs. 60-64 (in water; by Marcinowski).
- devastatrix* (Kühn, 1869 (nv.)) Oerley, 1880a (b), 106 (94) (s. *Angrivillula secalis*, A. dipsaci).—AJCGH, 1909, v. 35 (4), 393-396 (in lucerne).—Board Agric. & Fish., Lond., 1911, 1-4, figs. 1-3.—Bos, 1883, 138-144, figs. 74-76; 1886, v. 32, 105-113; 1887, 119, 121, 124, 125, 365; 1887, 753; 1888, 36, 39, 44, 50, 51; 1888, 585-586 (clover, hyacinth, onions, teasel); 1888, v. 3 (2), 161-256, pls. 1-10; 1889, 257-332; 1890, 333-348, fig. 1; 1890, v. 8 (10), 310-311; 1891, 1-44, figs. 1-2 (in various plants); 1891, 3, 5, 8, 14; 1891, v. 38, 149-155; 1892, 545-588, 2 figs.; 1899, 370-372 (in *Phlox decussata*); 1907, 3, 4, 6; 1908, v. 14 (3-4); 65-77.—Carpenter, 1905, EPRDS, v. 1 (6), 285-288, fig. 2 (in oats; County Down); 1906, 321; 1908, v. 1 (15), 568.—Cobb, 1893b, 299-300 (50-51) (s. *allii*, *dipsaci*, *haversteinii*, *hyacinthi*) (in clover, buckwheat, hyacinth, oats, onions, potatoes, rye, teasel, etc.).—Dewitz, 1892b, 141, fig. 108.—Debray & Maupas, 1896, 1-55, pl. 1 figs. 1-17 (in Algeria) (from Algérie agricole).—del Guercio, 1915, 236-245, fig. 4.—Hewitt, 1913, 147, 148.—Kirk, 1908 (16), 123-126; 1909, ESR, v. 21 (2), 153-154.—Laidlow & Price, 1910, JDA, v. 8 (3), 163-171, figs. 1-5 (in onions).—van Luijk, 1913, v. 25, 9-17; 1913, ESR, v. 29 (2), 151.—Marcinowski, 1908, 41.—Maupas & Debray, 1896, 1-55, 1 pl. (Alger).—Nev.-Lem., 1913, 284, 291-297, figs. 248-250.—Osterwalder, 1910, v. 24 (4), 250-251.—Ritzema (see Bos), 1887, 753-754 (in hyacinths, onions, rye, teasel); 1908, v. 14, 65-77.—Rcstrup, 1896, v. 2, 52, 55; 1898, v. 4, 95; 1900, v. 6, 50; 1901, v. 7, 27.—Shipley, 1896a (1901b), 155, 156, 160.—Southern, 1909, v. 4, 91.—Theobald, 1913, 269, 276, 277, 289, 291.—Thomas, 1896a, 53.—U. S. Dept. Agric., Wash., 1913, Weekly News Letter, v. 1 (9), 3-4.—Wagner, 1914, v. 12, 67-68, 1 fig.
- dihystera* Cobb, 1893a, 814 (37) (roots of sugar cane; N. S. Wales).
- diplogaster* (Linst., 1890e) Fuchs, 1915, ZJ, 117, 130.
- dipsaci* (Kühn, 1857) Bast., 1865c, 128 (in anthodiiis depravatis *Dipsaci fullo-* num).—AJCGH, 1909, v. 35 (4), 393-396 (lucerne).—Bessey, 1914, v. 4 (2), 118.—Bos, 1886, 106, 108, 109; 1888, v. 3 (2), 164, 166; 1889, v. 3 (3), 259, 307, 308.—Büetsch., 1873a, 33 pl. 2 fig. 8a, 40-41.—Chatin, 1884b, 11.—Cobb, 1893b, 300 (51) (so. *devastatrix*).—Hempel., 1912a, 106.—Jacobi, 1903, 1-4 figs. 1-2.—Lounsbury, 1910, v. 36 (2), 155-157, pl. 1.—Marcinowski, 1909, v. 7 (1), 14, 17, 23, 130; 1909, 42.—Natal Agric. J., 1909, v. 13 (6), 751-756.—Oerley, 1880a (b), 103-104 (91-92) (s. *Anguillula devastatrix*).—Spieckermann, 1911, v. 40 (3-4), 475-515.—Schwartz, 1912, 27.
- dispar* Fuchs, 1914, ZA, 199; 1915, ZJ, 131, 135, 167, 177, 206, fig. A (in *Ips typographus*).
- dispar ateri* Fuchs, 1914, ZA, 205.
- dispar cryphali* Fuchs, 1914, ZA, 195, figs. 9-11 (in *Cryphalus piceus*); 1914, v. 45, 195-207, figs. 1-14.
- dispar cunicularii* Fuchs, 1914, ZA, 205.
- dispar curvidentis* Fuchs, 1914, ZA, v. 45, 195-207, figs. 1-8, 12-13 (in *Ips curvidentis*).
- dispar typographi* Fuchs, 1914, ZA, 195, 203 (in *Ips typographus*); 1914, RAE, 375 (in I. t.); 1915, ZJ, 131-139, 187, 188, 206 (=dispar) (in I. t.).
- dubius* Büetsch., 1873a, 39, pl. 2 figs. 9a-c (on roots of *Centaurea cyanus*; lng.).—Cobb, 1888a, 30.—Daday, 1905, Mte, v. 23, 327.—Ditlevsen, 1912, 243.—Holmæn & Menz., 1915, 182.—Man., 1876a (b), 126-128 (49-51), pl. 7 figs. 19a-c (Leyden).—Menz., 1914, AN, 61 62, 82, 83.—Micol., 1915, ZJ, 272-273.—Oerley, 1880a (b), 103, 108 (91, 96).
- elegans* Man., 1876a (b), 133-135 (56-58), pl. 7 figs. 23a-c (free; Walcheren).—Menz., 1914, AN, 62 (so. *filiformis*).—Oerley, 1880a (b), 103, 109 (91, 97).—Silva Araujo, 1878b, 52.
- emarginatus* Cobb, 1893b, 814 (37) (in soil; N. S. W.).
- exiguus* Man., 1876a (b), 131-132 (54-55), pl. 7 fig. 21.—Menz., 1914, AN, 62 (so. *filiformis*).—Oerley, 1880a (b), 103, 106-107 (91 *exiguus*, 94-95).—Silva Araujo, 1878b, 52.

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- falcariæ* Oerley, 1880a (b), 103, 105 (91, 93) (in leaves of *Falcaria rivini*).—Frauenf., 1872, 396.
- filiformis* Büetsch., 1873a, 37, pl. 2 fig. 10 (at moss roots; by Büetsch.).—Cobb, 1888a, 28, 30.—Holmæn., 1915, 183.—Jägers., 1909, SFD, 44–45, fig. 62.—Linst., 1876a, 10, fig. 23 (unter leuchten Moos; Stade).—Man, 1876a (b), 128–131 (51–54), pl. 7 figs. 20a–d; 1907, v. 7, 20.—Menz., 1914, AN, 31, 32, 34, 40, 41, 62, 82, 83.—Micol., 1914, ZJ, 527–529.—Oerley, 1880a (b), 103, 107 (91, 95).
- fucicola* Man, 1892a, 121–125, figs. 1–3, pl. 16 figs. 1–14 (in *Fucus* (*Ascophyllum*) *nodosus*; Seamill, W. Kilbride, Ayrshire).—Marcinowski, 1909, v. 7 (1), 124 (in *F. nodosum*).
- fungorum* Büetsch., 1873a, 41–43, pl. 2 figs. 11a–c (in faulenden Pilzen; by Büetsch.).—Chatin, 1884b, 12.—Man, 1906, v. 41, 163.—Oerley, 1880a (b), 103, 108–109 (91, 96–97), pl. 5 figs. 22a–c.
- gracilis* Man, 1880a, 71–72 (in moist soil; Holland).
- gracilis* Cobb, 1888a (b), 30–31 (70–71), pl. 2 figs. 24–25 (free; Jena).—[See *cobbi*.]
- graminis* (Hardy, 1850) Marcinowski, 1909, v. 7 (1), 126 (on *Festuca dumetorum*, *F. ovina*, *F. rubra*).—Nev.-Lem., 1913a, 284, 297.
- granulosus* Cobb, 1893b, 300 (51–52) (in root stock of banana plants; Fiji).
- havensteinii* Kuehn, 1881 [nv.].—Bos, 1888, v. 3 (2), 167, 168, 207; 1890, v. 3 (4), 338; 1892, v. 3 (7), 561.—Cobb, 1893b, 300 (51) (*havensteinii*) (so. *devastatrix*).
- havensteinii* Cobb, 1893b, 300 (51) (for *havensteinii*).
- hordei* Schoyen, 1885a, 1–16, figs. 1–14 (forming nodules on roots; Jotunheim).—Bos, 1891, 5; 1891, 6; 1907, 2, 5.—Nev.-Lem., 1913a, 284, 297.
- hyacinthi* Prilleux, 1881, J. Sc. c. Hort., v. 3, 258 (in *Jacinthe romaine*; midi de la France).—Bos, 1886, 106; 1888, 36; 1888, v. 3 (2), 162, 166, 167, 168; 1899, v. 3 (3), 307, 308.—Chatin, 1884b, 13; 1884c, 375.—Cobb, 1893b, 300 (51) (so. *devastatrix*).—Linst., 1889a, 137.—Th., 1913, 291.
- imperfectus* Büetsch., 1876a, 363–364, pl. 24 figs. 7a–d (in faulenden Pilzen; Ing.). 1876, v. 10, 231–236.—Chatin, 1884b, 12.—Man, 1906, v. 41, 163.—Oerley, 1880a (b), 103, 109 (91, 97).
- intermedius* Man, 1880a, 72–73 (in sand and moist soil; Holland).—Chatin, 1884b, 21.—Holmæn., 1913, 645–646.—Holmæn. & Menz., 1915, 183–184.
- lamelliferus* Man, 1880a (b), 70–71 (in moist soil; Holland).—Cobb, 1888a, 28 (68).
- lamelliformis* Cobb, 1888a (b), 28, 30 (68, 70) (for *lamelliferus*).
- leontopodii* Oerley, 1880a (b), 103, 105 (91, 93) (for *Anguillula* sp. in leaves of *Leontopodium alpinum*; Frauenfeld, 1872, 396).—Bos, 1891, 5.
- leptosoma* Man, 1880a, 73 (in moist soil; Holland).
- macrogaster* Fuchs, 1914, in 688–692 [nv.]; 1914, RAE, 375; 1915, ZJ, 129, 153, 154, 156–158, pl. 19 figs. 40–44 (in Mulm des *Ips typographus*).
- macrophallus* Man, 1880a, 76 (in moist soil; Holland); 1906, v. 41, 163.
- major* Fuchs, 1914, in 688–692 [nv.]; 1914, RAE, 375; 1915, ZJ, 154–156, pl. 19 figs. 35–39 (in Mulm des *Ips typographus*).
- millefolii* Læw., 1874a, 17–21, figs. 1–6 (in galls on leaves of *Achillea millefolium*); 1875a, 342–349.—Bos, 1891, 5.—Chatin, 1884b, 13.—Man, 1906, v. 41, 163.—Marcinowski, 1909, v. 7 (1), 116–123, figs. 49–54 (in *A. m.*, *A. tanacetifolia*); 1909, 44, 45.—Oerley, 1880a (b), 103, 104 (91, 92).—Reuter, 1903, v. 30, 25–26 (in *A. m.*).—Trotter, 1903a, 173–174 (in *A. m.*, *A. tanacetifolia*).
- minutus* Cobb, 1893a, 815 (38) (roots of sugar cane; N. S. W.).
- mirabilis* Büetsch., 1873a, 44–45, pl. 19 figs. 14a–b (on moss roots; F. a. M.).—Man, 1876a, 120, 121.
- multicinctus* Cobb, 1893b, 301 (52), pl. 42 figs. 1–7 (about roots of banana plants; Fiji).
- nivalis* Kuehn, 1880 [nv.].—Marcinowski, 1909, v. 7 (1), 125–126 (in *Gnaphalium leontopodium*).—Menz., 1914, AN, 80.
- obtusius* Bast., 1865c, 128, pl. 10 figs. 117–118 (at rootlets of oats; Broadmoor, Berks).—Büetsch., 1873a, 39.—Oerley, 1880a (b), 103, 108 (91, 96).
- olææ* Cobb, 1906, 164, 165, 178–179 (about roots of diseased cane; Hilo, H. I.).
- pellucidus* (Bast., 1865) Büetsch., 1876, v. 10, 235.

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- penetrans* Cobb, 1917, JAR, v. 11, 27-33, figs. 1-5 (cotton, potatoes, camphor, violets; U. S. A.).
- phalaridis* (Steinbuch, 1799) Oerley, 1880a (b), 103, 104 (91, 92).—Bos, 1891, 5.—Marcinowski, 1909, 44.—Nev.-Lem., 1913a, 284, 297 (of Bast.).
- phlei* Horn, 1888a, 139-155, pls. 1-2 (on *Phleum bœcheri*; Europe).—Man, 1906, v. 41, 163.
- pillulifer* Linst., 1877a, 1-2, fig. 1 (in an aquarium; by Linst.).—Jegers., 1909, SFD, 44, fig. 61.—Oerley, 1880a (b), 103, 107 (91, 95).
- pratensis* Man, 1880a, 71 (in moist or sandy soil; Holland).—Zimmermann, 1898, 31-32.
- pseudorobustus* Steiner, 1914, 270-271, figs. 17-18 (in Erde unter einem Moospolster; Switz.).
- putrefaciens* Kühn, 1879 [nv].—Bos, 1886, 107; 1888, 36, 40; 1889, v. 3 (3), 284.—Braun, 1883a, 186 (s. *Trichina contorta*; 1895b, 215 (to *Anguillulina*; 1903a, 255 (to *Anguillulina*); 1908a, 287; 1915a, 298.—Brumpt, 1910.—Cast. & Chalm., 1910a, 403; 1913a, 517.—Chatin, 1884b, 43 (anguillule de l'oignon), 1-56, pls. 1-2 figs. 1-36; 1884c, 377; 1889a, 34-37 (in onion); 1888e, 1431-1433 (in *Allium cepa* [onion]; Europe).—F., S., & T., 1916a, 379.—Nev.-Lem., 1908a, 504.—Rolleston, 1888a, 684.—Verdun, 1907a, 382 (to *Anguillulina*).
- radicicola* (Greef, 1872) Oerley, 1880a (b), 103, 104 (91, 92).—Cobb, 1893b, 297-299 (48-50), figs. 4-9 (on roots of apricot, almond, amaranth, banana, bean, beet, begonia, blackberry, buddleia, cabbage, cow pea, cucumber, dahlia, egg plant, fig, gourd, grape, maize, melon, morning glory, mulberry, orange, peach, pea, peanut, petunia, plum, potato, pumpkin, purslane, radish, sanfoin, shepherd's purse, spinach, spiraea, squash, sunflower, tomato, walnut, willow; N. S. W., Queensland, Victoria); 1897, v. 8, 208-252, figs. 1-53; 1902, v. 13 (10), 1031-1033.
- robustus* Man, 1876a (b), 124-126 (47-49), pl. 6 fig. 18a-c (free; Leiden).—Brackenhoff, 1914, v. 22, 299.—Daday, 1905, v. 23, 327.—Ditlevsen, 1912, 243.—Oerley, 1880, 103, 107-108.—Silva Araujo, 1878b, 52.—Southern, 1914, v. 31, 8 (Clare I.).—Steiner, 1914, 271.
- sacchari* Soltwedl, 1881, v. 5, 143 or 147 [nv].—Bos, 1891, 5.—Zimmermann, 1898, 31, 32-34.
- scandens* (Schneid., 1866a) Romanin, 1867a, 91-100 [nv].—Bos, 1887, 367 [nv.]; 1888, 51; 1889, v. 3 (3), 273, 280; 1891, 5; 1907, 4, 5, 6.—Dewitz, 1892b, 141, fig. 109.—Fiebig, 1912a, 225.—Hempel, 1912a, 108, 110.—Huber, 1879a (b), 39-43; 1909, 1-8 (s. *Anguillula tritici*, *A. graminarum*, *Rhabditis tritici*) (in various plants; Germany).—Menz., 1914, AN, 81, 86.—Toscani, 1869a, 96-101 [nv.].
- schachtii* (Schmidt, 1871) Oerley, 1880a (b), 103, 106 (91, 94).
- secalis* (Nitzsch, 1868) Oerley, 1880a (b), 103 (91).
- setiferus* Cobb, 1893a, 813 (36) (in soil; N. S. Wales).
- similis* Cobb, 1893b, 301 (52), pl. 7 figs. 1-5 (about diseased banana plants; Fiji); 1915, JAR, v. 4 (6), 561-568, figs. 1-2 (of sugar cane and banana).
- species* Man, 1906, v. 41, 160-163, figs. 4-7 (terre sablonneuse; Flessingue).
- species* Micol., 1914, ZJ, 529, pl. 19 figs. 33a-b (in fresh water; Ostalpen (cf. *bulbosus*)).
- species* Thomas, 1896a, 50-53 (in *Cirsium oleraceum*; by Ohrdruf).
- species* Thomas, 1885, v. 4, 42 [nv.]; 1893, EN, v. 19, 293 (in gall on *Taraxacum officinale*; Ohrdruf).—Trotter, 1903a, 174.
- symmetricus* Cobb, 1914, TAMS, 73, 111-112 (39, 77-78) (marsh in black clay with much decayed vegetation; Arlington Farms, Va.).
- terricola* Bast., 1865c, 127-128, pl. 10 figs. 115-116 (in rootlets of wheat plant; Broadmoor, Berks).—Oerley, 1880a (b), 103, 108 (91, 96).
- tilia* Oerley, 1880a (b), 103, 104 (92, 97) (in Lindenknospen; Darmstadt; Bütsch., 1873a, 36).
- tritici* (Steinbuch, 1799) Bast., 1865c, 126-127, pl. 10 figs. 112-114 (in ears of wheat, oats, rye).—Aur., 1883, 6.—Bos, 1889, v. 3 (3), 280; 1891, 5 (quotes Duj.) (so. *scandens*).—Bütsch., 1873a, 32.—Chatin, 1884b, 11 (du blé); 1884c, 376.—Johns., 1909, S, v. 30, 576.—Marcinowski, 1909, 42, 43.—Menz., 1914,

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AN, 61, 83, 84, 85, 86, 87, 88, 89.—Nev.-Lem., 1913a, 284, 285–291, figs. 244–247.—Oerley, 1880a(b), 103, 104–105 (91, 92–93) (of *Rofiredi*).—Fratt, 1916a, 218.—Shipley, 1896a (1901b), 155, 156, 160, 163 (in corn); 1911, 217.—Southern, 1909, v. 4, 91 (in corn) (quotes “Need.”)—Ward, 1895a, 320.

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TYLOPHARYNX Man, 1876a (b), 116–119 (39–40) (mt. striata).—Oerley, 1880a(b), 67, 101–102 (55, 89–90).—Silva Araujo, 1878b, 52 (Tylopharinx).—Stiles & Hass., 1905b, 147.

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TYPHLOPHOROS Linst., 1906, JPAS, v. 2 (7), 270 (mt. lamellaris).

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UDONCHUS Cobb, 1913, JWAS, v. 3 (16), 442 (mt. tenuicaudatus).

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- americana* Stiles, 1902 v (w.), 777-778 (1-3) (in *Homo*; U. S. A.); 1902x, 869; 1902y, 778; 1902z, 787; 1902hh, 183, 186, 189, 190, 191, 192, 193, 201, 207, 211, 212, 216, 217, 219; 1903k (1), 3, 9, 13, 17, 18, 19, 20, 33, 34, 35, 38, 39, 40, 41, 42, 43, 48, 58, 65, 75, 85, 88, 91, 96, 97, 98, 99, 100, 101, 102, 103, 105, 107, 111, 113, 115; 1903, 303 to (Necator); 1905v, 35; 1907e, 583, 584; 1914, MM, v. 2, 272, 282. —Aless., 1905, 28-29, 45, pl. 1 figs 2, 4, 9, 10, 16, pl. 4 fig. 2. —A., K., & G., 1904, Dec. 1, 18, 28, 36, 79, 93, 107. —Betts, 1906, v. 9, 87-95. —Bondurant, 1903, 299. —Braun, 1906a, 331-332; 1908a, 337; 1915a, 360. —Brooks, 1903, 31, 32, 33. —Brumpt, 1910a, 371; 1913a, 435. —Brush, 1905, Jan. 5. —Capps, 1903a, 28. —Cast. & Chalm., 1910a, 438; 1913a, 560. —Colbert, 1907, v. 3, 369-373. —Dead. & Thomps., 1916a, 454, 455, 456, figs. 86-90. —Dunbar, 1904 1905, TMN, v. 14, 3-5. —Dunn, 1910, APN, v. 44, 52-84. —Fiorentini, 1908, v. 2, 74. —Folkes, 1904, JMMA, v. 9, 268. —Goodhue, 1906, 1583. —Guiart, 1910a, 410. —Guiteras, 1902c, 100-101; 1902d, 110; 1902e, 278. —Herzog, 1896a, 1907a, 544 (and beri-beri). —Higgins, 1906, 881, 882. —Index-Cat. Lib. Surg. Gen. Off. U. S. Army, Wash., 2, s., v. 19, 37. —Isola, 1904, v. 15, 239-241 (Italy); 1904, v. 5 (129), 1-4. —James, 1904, v. 1, 554-557 (cases). —JAMA, 1904, Apr. 9, 965 (Porto Rico); 1908, Feb. 29, 711-712. —Leidy, 1909, June, 1832 (1). —Linst., 1902, v. 9 (24-25), 778; 1903o, 526-527 (in *Homo*; U. S. A.) (to Ankylostomum); 1903o, 526-527 (in Chimpanzee, *Limia* [=Simia] troglodytes; W. Africa). —Loeb & Smith, 1904, 2. —Looss, 1905a, 28 (to N.), 124. —Med. Rec., N. Y., 1904, Mar. 12, 422. —Musser, 1913a, 437. —Neum. & Mayer, 1914a, 72, 74, 427. —Nev.-Lem., 1904a, 97, 111; 1906a, 278, 280, figs. D-F; 1908a, 441. —Oliveira, 1904, 101. —Patterson, 1908, 187-190; 1910, 838. —Pieri, 1905, 554, 727-730. —Plasencia, 1902, v. 3, 175-189, pl. 4 fig. 7; 1904a, 140. —Rans., 1904, 59, 63. —Robledo, 1909, 605. —Royal, 1909, May 16, 501. —Schifone, 1908a, 1328. —Siccardi, 1905, 1474, 1476. —Simon, 1907a, 308, pl. 15, a. —Sl. & Sw., 1912a, 336. —Smith, A. J., 1903, 6, 7, 8, 9, 11, 12, 13, 15, 16, 17, 18, 19, 22, 23, 25, 26, 27, 28; 1903a, 583-590; 1904a, 69, 70 (in chimpanzee; Africa), figs. 1, 2; 1908b, 265, 268 (11, 26) (in H.; Texas, Pa.). —Spivak, 1903a, 583. —Ward, 1903, 703, 704, 705, 708; 1903l, 221, 222, figs. 3563-3565.
- balsami* (Par. & Grassi, 1877) Dolley, 1894a, 1021 (so. trigonoc.) (of dogs).
- balsamoi* Cohn, 1899a, 8 (misprint for balsami).
- bidens* (Mol., 1861) Stoss., 1899d, 126 (in *Nasua narica*, *N. socialis*, *Procyon cancrivorus*; Brazil). —Aless., 1905, 44.
- box* (R. Bl., 1886) Stoss., 1899d, 123 (in *Boa constrictor*). —Aless., 1905, 42-44, 45, pl. 3 figs. 11-13, pl. 4 fig. 11 (in *B. imperator* & *boa* on pl. 3). —Looss, 1911a, 200.
- braziliensis* (Gomez, 1910) Rail., 1911, RMv, v. 88, 779.
- canina* (Erc., 1859) Rail., 1900d, 83, 84, 88, 89, 90, 91, 92, 93 (s. Doeh. trigonoc. Erc., 1854 [not 1859] in dogs. Sclerost. c. Erc., 1859. Doeh. balsamoi Par. & Grassi, 1877 in cat. U. trigonoc. Rail., 1885, in dog. Ankylost. tubef. Linst., 1885, in cat); 1903, 17. —Aless., 1905, 29-31, 45, pl. 2 fig. 6, pl. 4 fig. 3 (in *Canis fam.*, *C. lupus*, *C. vulpes*, *C. azarae*, *Cynailurus guttatus*, *Felis dom.*, *Megalotis cerdo*, *Vulpes lagopus*). —Bishop & Dawson, 1914, v. 9 (10), 199-201. —Capps, 1903a, 28. —Fiebigger, 1912a, 288. —Galli-Val., 1901c, 360 (in cat). —Smith, A. J., 1903, 1, 13 (in dogs; Texas); 1904a, 70; 1908a, 264, 268 (in *Canis dom.*, *C. mexicanus nubilus*, *F. cyra*, *F. jaguarundi*; Phila.). —Stiles, 1902hh, 189; 1903k (1), 14, 17.
- catholica* Onelli, 1905, Revista Jard. zool., 144-149 (in *Canis azarae*, *C. lupus*, *Felis leo*, *F. mitis*, *F. onca*, *Eumeces murinus*; Buenos Aires). —Wolffh., 1911, 75.
- carinii* Trav., 1915, Bm, v. 29 (10), 73 (1-4) (in *Canis azarae*?; from S. Paulo).

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- cernua* (Crep., 1829) Rail., 1885a, 362, figs. 244, 254; 1893a, 474-475, figs. 322, 333 (s. *Monodontus weddii*); 1897a, 1134; 1899g, 345; 1900, v. 15, 87 to (M.) = *M. trigonoc.* (Rud.) from sheep; 1900e, 106 (so. *M. trigonoc.*); 1902, (type of *Bunost.*).—Aless., 1905, 28, 36-37, 45, pl. 3 figs. 1, 2, pl. 4 fig. 6; 1909, AdP, 463.—Blasi, 1913, v. 25, 401-410.—Blgr., 1914, v. 7 (3), 242 (so. *Bunost. trigonoc.*).—Campb. & Lacr., 1907, 77-78 (treatment).—Fiebiger, 1912a, 289.—Galli-Val., 1898c, 8; 1898n, 377.—Garin, 1913, 6, 7.—Gough, 1908, 4 (in *Oreas canna*, sheep; S. Africa).—Ihle, 1917, 167.—Kowal., 1904, v. 38 7 (22) (in *Ovis aries*; Dublany).—Neum., 1888a, 387-389, figs. 172-173; 1892a, 416-418, figs. 203-204; 1892d, 427-428, 429, figs. 203-204.—Nev.-Lem., 1912a, 742.—Rans., 1911a, 30 (so. *M. trigonoc.*).—Rizzo, 1900a, 107-115, figs. 1-2; 1900, 781.—Stiles, 1901p, 532 (in sheep; Texas); 1902hh, 189, 191; 1903k (1), 17 (so. *trigonoc.*), 34 (in *O. a.*).—Stiles & Hass., 1894e, 345 (in *Bos taurus*, *O. a.*, *Sus scrofa*).—Stoss., 1899d, 123-124 (69-70) (in *Antelope rupricapra*, *Capra hircus*, *O. a.*); 1904, 3, fig. 10.—Ward, 1895a, 335 (in *B. t.*), 338 (in *O. a.*).
- crassa* (Duj., 1845) Stoss., 1899d, 126-127 (72-73) (in *Viverra genetia*; Senegal).
- criniformis* (Gaeze, 1782) Rail., 1899c, 25 (in *Meles taxus*); 1900d, 82.—Aless., 1905, 41-42, 45, pl. 2 fig. 13, pl. 4 fig. 10 (in *M. t.*).—Looss, 1902c, 423, 425 (type of *Uncinaria*); 1905a, 23, 24, 27 (in *Putorius putorius*; Leipzig), 28, 81 (s. *Doch. trigonoc.* of Leuck.), 92, 104, 111, 126; 1905, 60; 1911a, 168, 194, 196, 196, 197, 198, 209, 212, 221, 256, 268, 279 (s. *Doch. trigonoc.* of Leuck.), 280, 281, 282, 284, 286, 287, 313, 329, 345, 347, 355, 377, 418, 437, 453, 512, 570, pl. 11 figs. 105, 106a, pl. 12 fig. 116, pl. 15 fig. 166.—Par., 1907, 3.—Rail. & Henry, 1909b, 170; 1915, BSPE, 274.—Stoss., 1899d, 125 (71) (in *M. t.*; Europe).—Verdun, 1907, 360.
- duodenalis* (Dubini, 1843) Rail., 1885a, 357-359, figs. 245-248; 1893a, 465-470, figs. 323-326; 1896 (1897a), 1132-1135 (alleged presence in horse); 1899, 343, 344, 345, 346.—Aless., 1905, 26-27, 29, 30, 32, 45, pl. 1 figs. 1, 3, 5-8, 11-15, pl. 4 fig. 1.—Allyn, 1901, 63.—Anders, 1903a, 1250.—A., K., & G., 1904, Dec. 1, 18, 20, 28, 34, 40, 93, 107, 117.—Assénova, 1899, 68, 107-109.—Belgium, 1899, 1-16.—[Bilharz, 1852a, 53-76.] Birch-Hirschfeld, 1889a, in 1-937, figs. 1-178.—[Bizzozero, 1883a, in xii+1-251, figs. 1-39, pls. 1-7 figs. 1-80.]—R. Bl., 1886k, 627-655; 1888a, 744 (to *Ankylost.*); 1888b, 35-46, fig. 1; 1888o, 701; 1890b, 97, figs. 41-42; 1890c, 945-948, figs. 42-43, 28-47; 1890, 67, figs. 42-43; 1895, 756-759; 1900g, 485-491.—[Bonuzzi, 1884a, 281-285, 289-292, 302-306, 323-325, 331-333.]—Braun, 1906a, 331-332.—Brumpt, 1910a, 365; 1913a, 428.—Claytor, 1901a, 1251.—Cohn, 1899a (b), 8, 14, 16, 17, 18, 19, 21.—Craig, 1905, 898, 937.—Dawson, 1903b, [1].—Eichhorst, 1890a, 313-521; 1901a, 311.—Fiebiger, 1912a, 287.—Fiorentini, 1908, v. 2, 74.—Galli-Val., 1898n, 373, 375, 376, 377, 378; 1901c, 360 (in *Homo*; Pavia); 1906, 748-749, fig. 3.—Garin, 1913, 5.—Gerv. & Ben., 1859a, 109; 1859b, 109.—Guiart, 1910a, 407.—Herrick, 1902a, 101 (U. S. Army); 1902b, 144.—Hoffm., 1890a, 398.—Hogg, 1889a, 133-134; 1889, 750; 1893, 67.—Huber, 1896a, 597.—JAMA, 1901, 117.—J. d. Med. et Chir., 1885, Feb.—Linst., 1881, in 85-87; 1882, 634-637; 1883c, 785-788; 1884b, 726; 1885c, 15-20; 1886b, 75-77; 1887, 20-23; 1889, 1-2.—[Lombard, 1879a, 409-461; 1880a, 390, 688; 1880b, 516-530.]—[London Times, 1880, Mar. 20.]—Looss, 1897c, 913; 1901a (1902, May 13), 27, 29, 31, 49, 53, 54, 56, 61; 1901h, 733, 735; 1902c, 422; 1902d, 324; 1905a, 21, 26; 1905c, 122 (to *Ancylost.*); 1911a, 200.—McWeeney, 1907, v. 123, 366-367; 1907, v. 25, 411 (St. Vincent).—Mans., 1903e, 639, 645, "amounts to a positive curse"; 1904, 639, 645.—Matienzo, 1903a, 354-356, pls. 1-2 (Tampico); 1904a, 141-144, 145.—[Meissner, 1881a, 81-90; 1882a, 26-31; 1885a, 205, 209, 211, 214, 218, 219, 221, 222.]—de Menezes, 1904a, 47-50.—Moniez, 1896a, 390-396.—Musser, 1913a, 436.—Nev.-Lem., 1902a, 94, 95, 106, 107; 1904a, 96, 97, 108, 109, 111; 1906a, 276, 277, 278, 281, 326, figs. A-F; 1908a, 438.—Normura (1893a), 38-48.—Northrup (1904a), 1905a, 18, 432.—Oefele, 1902a, 488, 492, 493, 494, 495.—Oliveira, 1904a, 101.—Ozzard, 1899, no. 1999, 964.—Pepper, 1908, v. 18, 75-80, 1 pl.—[Pistoni, 1880, 335.]—Plasencia, 1902b, 175-189, pls. 1-4 figs. 1-7; 1904a, 140.—Roger, 1901, 94-96.—[Rosen, 1893, 5.]—Sandwith, 1901, 690.—Shaw, 1901, 1028.—Shipley, 1896, 143.—Simon, 1897, 226; 1907a, 307.—Sl. & Sw., 1912a, 332.—Smith, A. J., 1903, 1, 13, 14, 15, 16, 17, 18, 26, 28, 29; 1904a, 69, 70; 1908, 268 (in *Homo*; Texas, Pa.).—Stiles, 1901, 523-532; 1902hh, 183, 185, 187, 188, 189, 190, 191, 192, 193, 194, 196, 197, 198, 201, 207, 208, 210, 213, 215, 216, 217, 219; 1903k (1), 3, 14, 16, 21, 24, 35, 108, 110, 113, 115, 116; 1907e, 584.—Stiles & Hass., 1894e, 346 (in *Felis dom.*); 1899, 165, 167.—Stoss., 1899, v.

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lucasi Stiles & Hass. in Stiles, 1901p, 532 (for *U. species* of *S.* & *H.*, 1899, 165) (in seal pups of Alaska).—Capps, 1903a, 28 (in seal pups of Alaska).—Smith, A. J., 1904a.—Stiles, 1902hh, 191; 1903k (l), 17, 34, 48; 1903oo, 156; 1903xx, 311.

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maxillaris (Mol., 1861) Stoss., 1899d, 126 (72) (in *Procyon cancrivorus*; Brazil).

melis (Schränk, 1788) Fröel., 1789a, 136–137 (s. *Asc. crinif.*) (in Dachs).—Cat. RCSL, 1830, 41 (s. *Str. crinif.*).—Dies., 1851a, 300 (s. *Doch. crinif.*).—Duj., 1845a, 276 (so. *Doch. crinif.*).—Gmel., 1790a, 3041.—Looss, 1902c, 422, 423, 425; 1905a, 23, 25.—Mol., 1861a, 495.—Par. & Grassi, 1877, 193.—Rud., 1793a, 18 (s. *vulpis*, *Asc. crinif.*); 1802a, 39 (so. *Str. crinif.*); 1809a, 234 (so. *Str. crinif.*) (in *Ursus meles*).—Schränk, 1803, 207. Stiles, 1903k (l), 15 (probably so. *vulpis*).—Stoss., 1899d, 125 (71) (so. *crinif.*).—Zed., 1803a, 90 (so. *Str. crinif.*).

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perniciosa (Linst., 1885) Cohn, 1899a (b), 5–22, figs. 1–4 (in *Felis pardus*).—Aless., 1905, 44.—Garin, 1913, 5.—Looss, 1911a, 518.—Rail., 1900, v. 15, 83, 89, 91, 94 (s. ? *Str. tubæf.* Gurlt, S. (*Doch.*) t. Leisering, S. t. Linst.).—Stoss., 1899d, 119–120 (64–65) (in *F. tigris*; Zool. Gard., Hamburg).

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radiata (Rud., 1803 emend. Schneid., 1866) Rail., 1885a, 362–363 (in *Bos taurus*); 1893a, 475; 1900e, 105 to (*Monodontus*), 106 (cats, so. *M. sp.*).—Aless., 1905, 38–39, 45, pls. 3, 4, figs. 3, 4, 6.—Bertoloni, 1909, v. 10, 117–120.—Campb. & Lacr., 1907, 78 (*radiatus*).—Capps, 1903a, 28 (in cattle; Tex.).—Dawson, 1903b, [1–3] (in cattle).—Fiebiger, 1912a, 290.—Galli-Val., 1898n, 377.—Garin, 1913, 6, 7.—Gasperi, 1912, v. 4, 248–253, figs. 1–6; 1902, *Natura*, v. 3, 191–120.—Hut. & Mar., 1910b, 504; 1913b, 2, 507.—Nev.-Lem., 1912a, 743.—

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- Rans., 1911 (127), 31 (so. *M. phlebotomus*).—Rizzo, 1900, 781.—Smith, A. J., 1904a, 70 (in cattle; Tex.).—Stiles, 1901p, 532; 1902hh, 189; 1903k (1), 17 (=Bunost. phlebotomum), 34, 75.—Stoedter, 1901a, 87 (of Rail. so. *M. p.*).—Stoss., 1899d, 124–125 (70–71) (in *B. t.*, *Sus scrofa*; Greifsw., America); 1904, 3, figs. 7–9.—Ward, 1895a, 335 (in *B. t.*).
- rhebdites* Blumer, 1905, July 15, 115 (refers to the rhabditiform larva of Uncinaria).
- sangeri* (Cobbold, 1879) Rail., 1897a, 1134; 1173; 1899, 345.—Aless., 1905, 39–40, 45, pls. 3, 4, figs. 5–7.—Piana & Stazzi, 1901, 416.—Stiles, 1902hh, 191.
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- songeri* Rail., 1899g, 345 (misprint for *sangeri*).
- species Lucas, 1897, S, v. 6 (149), 707 (in fur seal) [see lucasi].—Stiles & Hass., 1899a, 165–167, fig. (see lucasi) (in *Callorhinus ursinus*; Bering Sea).—Rail. & Henry, 1909b, 170 (in *Callorhinus ursinus*).
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- stenocephala* (Rail., 1884) Rail., 1885a, 361–362, figs. 252–253 (in dogs; Villers-Cotterets); 1893a, 473–474, figs. 331–332; 1900d, 83, 84, 88 (*s. Str. trigonoc. Rud.* of Gurlt, 1831, in *Canis* fam.), 89 (*s. S. t.* of Erc. 1851, in *C. f.*), 90, 91 (*s. Ankylost. trigonoc. of Linst.*, 1885, from fox), 93 (*s. Str. tetragonoc. Rud.* of Treutler, *Str. trigonoc. of Gurlt*, 1831, Schneid., 1866, *Doch. trigonoc. of Erc.*, 1859 (not 1854), Leuck., 1865, *Ankylost. trigonoc. of Linst.*, 1885); 1915, RMv, 492; 1915, 734.—Aless., 1905, 37, 45, pl. 2 figs. 9, 11, pl. 4 fig. 12.—R. BL., 1883a, 770.—Braun, 1906a, 331.—Brooks, 1903, 32.—Campb. & Lacr., 1907, 78.—Capps, 1903a, 28 (in dogs, foxes).—Craig, 1915, 503 (treatment).—Fiebiger, 1912a, 289.—Galli-Val., 1901c, 360 (in cat.).—Geddes, 1911a, 124, fig. 167 (in dog).—Hut. & Mar., 1913b, 504.—Isola, 1906, v. 17, 87 (in dog).—Kowal., 1904, v. 38, 22 (7) (in *Canis* fam.; Lwów).—Lane, 1916, IJMR, v. 4 (1), 89.—Leiper, 1915, 572.—[Leuck., 1867b, 131–134; 1868a, 434, 436.]—Looss, 1905a, 55 (*s. Doch. trigonoc. of Leuck.*, *U. crinif.* (of Rud.)); 1905a, 25, 27, 28; 1911a, 168, 194.—Mans., 1907, 717.—Neum., 1888a, 419, figs. 206, 207; 1892a, 453, 465–466, figs. 241–242.—Nev.-Lem., 1912a, 738.—Rail. & Henry, 1909b, 170.—Siccardi, 1905, 1475.—Smith, A. J., 1903, 13, 16; 1904a, 70 (in dogs).—Stiles, 1902hh, 189, 192, 194; 1903k (1), 14, 15 (probably=*vulpis*=*melis*=*crinif.*), 17, 19 (in dogs, foxes, *Vulpes lagopus*), 34.—Stiles & Hass., 1899a, 165.—Stoss., 1899d, 122–123 (68–69) (in *Canis* fam., *V. azaræ*, *V. vulg.*); 1902e, 9 (in *C. f.*; Cagliari).—Ward, 1895a, 343.
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- (CRACOW) Gluzinski, 1899, *Pl*, v. 38 (28), 378-380.
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- (CRABTREE, N. C.) Graham, 1910, BNCBH, v. 25 (9), 452-453.
- (DEUTSCHLAND) Austregesilo, 1913, AST, v. 17, 445-446.—Fisch., 1892a, 26-34; 1893a, 311.—Ingers, 1886, CmW, v. 24, 663.—Rauth, 1910, MmW, v. 57 (13), 716.
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- (CHICAGO) Bagby, 1907, JAMA, v. 48 (4), 325.
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 (N. CAROLINA) Shore, 1910, BNCBH, v. 25, 18-19; v. 25 (9), 422.
 (U. S. A.) Bass, 1910, AD, v. 3, 231-236, pls. 1-2.—Fowler, 1911, JNMA, v. 3, 231-233.—Gage & Bass, 1910, Sept. 15, 304.—Pepper, 1908, JMR, v. 13 (1), 75-80, pl. 1; 1903, CiB, v. 42 (14), 515.—Stiles, 1903, 10, 21.—White, 1914, PHR, v. 29 (8), 462; 1914, JTMH, v. 17 (7), 103-104.

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- (AUSTRALIA) Brough, 1901.
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- (BOCHUM) Tenholt, 1904e, 1791-1792; 1905a, 335.
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- (HONOLULU) Fauntleroy, 1915, AJTDP, v. 2 (11), 703-714.
 (KENTUCKY) Nuckols, 1914, KMJ, v. 12 (1).
 (LIÈGE) Lambinet, 1903b, 166-169, 174-175.
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- (AUSTRIA) Goldmann, 1900a, 1-54, pl. 1; 1901a, 547-548.
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- (KILWA) Peiper, 1910, DmW, v. 36 (19), 912.
- (KIMBERLEY) Haldane, 1904a.
- (KÖLN) Leichenstern, 1885a, 195-198; 1885*b*, 484-486, 501-503, 523-526.

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- (LAGOS) Strachan, 1899b, 208; 1900c, 5.
- (LEEWARD ISLANDS) Alford, 1900, MR, v. 57, 1093.—Nicholls, 1900a, 247-249; 1900b, 54-55; 1900c, 1093.
- (LÉON) Browne-Weber, 1904, Bdl'H.
- (LERCARA) Giordano, 1882a.
- (LIBERIA) Bohne, 1908, HC, v. 4 (3), 93.
- (LIÉGE) Dejace, 1904 Scalpel, v. 57, 381.—Masius & Francotte, 1885a, 27-49, figs. 1-2.
- (LIMBOURG) Dubois, 1886a, 268-270; 1886b, 575.—TsHoG, 1904, v. 6, 129-143, pl. 1.
- (LORRAINE) Perrin & Thiry, 1913, 422 (in the iron mines).
- (LOS ANGELES) King, 1910, SCP, v. 25, 119-121.
- (LOUISIANA) Eustis, 1910, NOMSJ, v. 63, 248-350.—Gage & Bass, 1910, Sept. 15, 304 (students at Toulane).—Porter, 1911-12, NOMSJ, v. 64, 377-383.
- (LUCCA) Bonardi, 1897, GdO, v. 18, 106.
- (LÜETICH) Masius & Francotte, 1885, BARm, v. 19 (4).
- (MADRAS, INDIA) Rosenberger & Brinton, 1911, NYMJ, v. 94, 231-232.
- (MALAY) Graham, 1909, JTMH, v. 12 (22), 333-334; 1910, CfB, v. 46 (16), 495-496.
- (MANTOVANO) Perronc., 1881m, 170-174; 1881n, 6.
- (MARONI) Blin, 1914, AHMc, v. 17 (1), 149-176; 1914, TDB, v. 4 (2), 101-102.
- (MARSEILLE) Rouslacroix, 1909, CrSB, v. 66 (23), 1117.
- (MARTINIQUE) Moreau de Jonnes, 1816a, 15-23.
- (MARYLAND) Price, 1910, Md.MJ, v. 53, 201-206; 1910, JAMA, v. 54 (21), 1720.
- (MAURICE) Lesur & Lesur, 1897a, 463.
- (MAYOTTE) Rail. & Henry, 1912, v. 14, 579-580.
- (MESSINA) Cammareri, 1885a, 485-487.—Fiorentini, 1908, v. 2, 68-77.—Famulari, 1916, Malaria, v. 7, 305-309; 1917, TDB, v. 9, 274.—Rho, 1885a, 1139-1145; 1886, RiMC, v. 3, 491.
- (MEXICO) Agramonte, 1902, Em, v. 1, 143-152; 1902, NYMJ, v. 76 (16), 702-703; 1903, AM, v. 2 (2), 73; 1903, JAMA, v. 40 (18), 1234.—Alvarez, 1909, JAMA, v. 52 (18), 1388-1390; 1909, DmW, v. 35 (23), 1038; 1909, JTMH, v. 12 (16), 241.—Black, 1911, CSJM, v. 9 (4), 168.—Colbert, 1911, CSJM, v. 9 (2), 76-77.—Jesse, 1911, CSJM, v. 9 (4), 168.—Legge, 1911, CSJM, v. 9 (4), 168.—McCleave, 1911, CSJM, v. 9 (4), 168.—Manuell, 1903a; 1903b, 1234.—Swope, 1911, CSJM, v. 9 (4), 168.
- (MILAN) Allevi, 1908, R, v. 2 (12), 688-697.
- (MISSISSIPPI) Bass, 1906, JAMA, v. 47, 185-189, charts 1-9; 1906, MR, v. 70 (4), 148.
- (MUGLIA, CATANIA) Previtera, 1898a, 546-557; 1899a, 15-31.
- (NAP.) Paolucci, 1894, Em, v. 10 (4), 375-378.—Tinozzi, 1894a, 170-172, 183-185; 1894b, 375-378; 1895a, 295; 1895b, 269-270.
- (NATAL) Elliott, 1908, SAMF, v. 6, 264; 1908-09, Transvaal MJ, v. 4, 32-34, 110; 1909, JTMH, v. 12 (9), 141; 1910, TSTMH, v. 3, 176-210.—Haydon, 1908, JTMH, v. 11 (12), 43-44.—Hill, 1910, P, v. 3, 312-313.—Nicol, 1910, Transvaal MJ, v. 5, 228-238; 1911, JTMH, v. 11 (2), 24-25.
- (NEW CALEDONIA) Collin, 1912, BSPe, 192-193; 1912, AHMc, v. 15, 368.—Ortholan & Javelly, 1911, AHMc, v. 14, 558-561, 835; 1912, AST, v. 16 (17), 603.
- (NEW GUINEA) Pfeiffer, 1896a, 1145-1146.
- (NEW YORK) Brooks, 1910, MR, v. 77 (5), 191-192; 1910, CfB, v. 46 (16), 498.—Siler, 1910, MR, v. 77 (5), 212-213.
- (NONTROPICAL COUNTRIES) Oliver, 1910, TSTMH, v. 3, 155-175, 195-210; 1910, NYMJ, v. 91 (10), 510-511; 1910, L, v. 178, v. 1 (6), 356-359; 1910, MR, v. 77 (9), 375; 1910, DmW, v. 36 (8), 383; 1910, BkW, v. 47 (9), 405; 1910, BMJ, v. 1, 589; 1910, MmW, v. 57 (22), 1194-1195.
- (NORFELD) Salomon, 1904a, 113-119.

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- (N. ANNAM) Mathis & Léger, 1910, BSPE, v. 3 (1), 32-38; 1910, Pm, v. 18 (8), 63.
- (N. CAROLINA) Allen, 1910-11, BNCBH, v. 25, 451.—Ferrell, 1910, BNCBH, v. 25 (4), 168-174; 1910, JAMA, v. 55 (6), 529; 1910, BNCBH, v. 25 (8), 336-337.—Ivey, 1904, CMJ, 86-89; 1904, v. 25, 204-207.—Nicholson & Rankin, 1904a, 978-987; 1904b, 1045; 1904c, 1724; 1904d, 869.—Nicholson, 1904, CMJ, v. 25, 376.—Rankin, 1904, CMJ, 380-387; 1905a, 443-446, 555-559, 680-682; 1910, Md. MJ, v. 53, 401-404; 1910, JAMA, v. 54 (21), 1720.—Stiles, 1903oo, 149-166, 223-239; 1910, PHR, v. 25 (12), 354-355.
- (NORTHERN TERRITORY) Breinl, 1913, BNT, 10; 1913, TDB, v. 2 (8), 413.
- (N. NYASSA DISTRICT) Conran, 1913, JLSTM, v. 2 (3), 225-230, tables 1-6; 1913, JTMH, v. 16, 195-198.—Eldred, 1914, JTMH, v. 17, 209-215.
- (NORTHWESTERN PROVINCES) Close, 1899a, 156-157.
- (OBERSCHLESIE) Schrader, 1899a, 352-370, figs. 1-16.
- (OLDENBURG, HUNGARY) Rathonyi, 1896a, 655-656; 1897a, 292-293; 1897b, 412.—Zappert, 1892a, 347-354; 1894a, 314.
- (ORIENT) Clover, 1912, JAMA, v. 56 (24), 1837-1840.
- (OUADAI) Motas, Jamot & Robert, 1914, BSPE, 525.
- (PADUA) Borgherini, 1881a, 163-165, 178-180.
- (PANAMA) Capps, 1903, Wis.MJ, May, : 1903, NYMJ, v. 78 (2), 103.—Whipple, 1909h, 40-48, figs. 1-3; 1909i, 326; 1909k, 888-889; 1910a, 189; 1910b, 497-498.
- (PARMA) Bocchia, 1909, BSMP, v. 2, 176-187; 1909, 591; 1910, CfB, 495.—Canali & Riva, 1889a, 535-537.
- (PAS-DE-CALAIS) Brehon, 1905, 1-14; 1905, AdP, v. 9, 540-545; 1907, CfB, v. 39 (23-25), 781.
- (PAVIA) Leuck., 1868, 411.—Monti, 1909, Ss, v. 10, 49-95; 1909, BSMP, v. 23, 153-163, pl. 1; 1909, R, v. 3, 448-454, pl. 1; 1909, Cs, v. 20, 481-483.
- (PERU) Escomel, 1916, Ref. méd., Lima, v. 2, 9-11.
- (PERUGIA) Baldeschi, 1890, GiSm, v. 12 (22), 869-884.—Sacchi, 1887a, 22-30.
- (PHILA.) Boggess, 1901, PHR (44), 2530-2531.
- (PHILIPPINES) Chamberlain, 1910, PJS, v. 5, 259-266, 341-344; 1910, BFSBH, v. 5 (12), 180-181.—Cole, 1910, PJS, v. 2, 333-342, pls. 1-4; 1907, MS, v. 21, 298-312; 1907, NYMJ (1506), 710-711; 1907, MR, v. 71 (21), 866; 1909, CPA, v. 20 (5), 219.—Gomez, 1911, PJS, v. 6 (3), 239-249.—Heiser, 1908, JAMA, v. 51 (23), 1994-1995; 1909, NYMJ, v. 89 (7), 329-331; 1909, MmW, v. 56 (21), 1093; 1909, JSMA, v. 1, 488-496.—Phalen & Nichols, 1909, MS, v. 25, (4), : 1910, CfB, v. 46 (9), 258.
- (PISA) Sons., 1889i, 213-230; 1889m, 284-286.
- (PISOGNE) Tosatto, 1883a.
- (PORTO ALEGRE) de Oliveira, 1904a, 101.
- (PORTO FICO) AM, 1904, v. 7 (6), 206; 1905, v. 9 (9), 369-370; 1905, v. 10 (1), 5; 1905, 635.—Ashtford, 1900, 552-556; 1900, PMJ, v. 5 (16), 892; 1900, MN, v. 75 (16), 615; 1901, 121-124; 1907, JAMA, v. 48, 1057; 1907, MS, v. 20 (1), 40-55; 1907, WMA, v. 6 (3), 191-207; 1913, AJMS, v. 145 (3); 1913, S, v. 31, 291-294.—Ashford & Gutierrez, 1910, JAMA, v. 54 (22), 1757-1761; 1910, NYMJ, v. 91 (23), 1181; 1911, 1-335, pls., 1 map.—Ashford & King, 1903, AM, v. 6 (10-11), 391-396, 431-438; 1903, AM, v. 6 (11), 422; 1903, JAMA, v. 41 (12), 744; 1903, JAMA, v. 41 (13), 805; 1903, NYMJ, v. 78 (13), 629-630; 1904, NOMSJ, v. 56 (9), 651-674; 1904, JTM, v. 7 (10), 159; 1904, JAMA, v. 42 (14), 924; (18) 1185; 1904, JAMA, v. 43 (5), 334; 1907, MR, v. 72 (2), 79; 1907, BMSJ, v. 156 (5), 149-150; 1907, *ibid.*, v. 156 (14), 415-421, figs. 1-3; 1907, L, v. 172, v. 1 (18), 1242.—A., K., & G., 1904, 1-120, pls. 1-4; 1904, JAMA, v. 42 (19), 1229; 1905, Med., v. 11 (7), 520-522.—R. Bl., 1888a, 769.—BIP, 1908, v. 6 (7), 317-318.—Colbert, 1908, JNMMS, v. 3 (4), 510.—DmW, 1910, v. 36 (3), 143-144.—Gutierrez, Gonzales, & Sein y Sein, 1907, 37-38.—Gutierrez, Martinez, & Sein y Sein, 1908, JH, Camb., v. 8 (4), 553-555.—Gutierrez, King, & Ashford, 1906, 1-51, i-lkvi.—JAMA, 1908, v. 50 (9), 711-712.—McConathy, 1902a, 581-583; 1902b, 352-353.—O'Reilly, 1905a, 221.—Otis, 1913, JAMA, v. 61 (13).—Patterson, 1908a, 243-246; 1908, MmW, v. 55 (38), 2005. PMJ, 1900, v. 5 (10), 541-542.—

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(PRAG) Chiari, 1893a, 531-534, fig. 1; 1894a, 327-328; 1894b, 312-313.

(PUNJAB) Wimberley, 1904a, 96.

(QUEENSLAND) Hogg, 1889, AMG, ref. in Lancet (11), 750.—O'Brien, 1909, AMCT, v. 1, 324-328; 1910, CfB, v. 46 (16), 497.—Salter, 1909a, 352-356; 1909b, 304.—Tidswell & Johnston, 1912, v. 2, 112.

(QUEENSLAND, N.) Nicoll, 1914, Sept. 12, 4.

(REWA DISTRICT, FIJI) Hirsch, 1894a, 1274-1275.

(RHEINPROVINZ) Mayer, 1885a, 145-148.

(RHODE ISLAND) Burgess & Meader, 1917, RIMJ, v. 1 (3), 61-65.

(RHODESIA) Massey, 1907, JTMH, v. 10 (11), 197.

(RICHMOND CO., VA.) Stiles & Crane, 1910, PHR, v. 25, 505-506.

(RIO DE JANEIRO) de Almeida, 1913, RmSP, v. 16 (2), 27-32; 1914, TDB, v. 3 (6), 295.—Jobim, 1835.

(ROMAGNA) Testi, 1887a, 513-525.

(SACHSEN) Karg, 1905, JVVN, (33), 1-47.—Møller, 1896a, 292-295; 1897a, 153-157.

(ST. ETIENNE) Briançon, 1904, 1-353.—Trossat & Eraud, 1882a, 217-227, 253-260, 341-342.

(ST. GEORGES, GRENADA, WINDWARD ISLAND) Cockin, 1913, AST, v. 17 (21), 758.

(ST. GOTHARD) Bugnion, 1881, RmSr, v. 1 (5), 321-322.—Concato & Perronc., 1880e, 150.

(ST. LUCIA) Galgey, 1897, BMJ, v. 1, 200-202.

(S. TOME) da Costa, 1913, AHPe, v. 4, 119-180; 1914, TDB, v. 3 (6), 294.

(ST. VINCENT) Branch, 1904, SCMR, 210-212.—McWeeney, 1907, DJMS, v. 123, 366-367; 1907, TRAM, v. 25, 411.

(SAPIAN) Mayer, 1912, AST, v. 16 (20), 704-705.

(SAMBONEDDETTO DEL TRONTO) Micheli, 1909, GmM, v. 17, 1-3.

(SAMOA) Parker, 1910, MR, v. 73 (19), 819.—Rossiter, 1910, USNMB, v. 4 (2), 145; v. 4 (4), 476-478.

(SAWAH-LOENTO) van Steeden, 1901a, 221-236; 1902a, 141.

(SCHANTUNG) Prieur & Fûerth, 1910, AST, v. 14 (19), 601-604.

(SIAM) Highet, 1915, L, v. 189, v. 2 (4), 202.

(SICILIA) Amato & Gabrielli, 1912, v. 6 (3), 123-129.—Giuffrè, 1888a, 381-384.—Par., 1886a, 464-468.—Pernice, 1887a, 97-109.—Tomaselli-Peratoner, 1900a, 795-799, 806-822, 832-834, 843-846.

(SIERRA LEONE) Harvey, 1908, JRAMC, v. 11 (1), 1-23, figs.—Smith, 1899c, 1543.—Yorke & Blacklock, 1915, ATMP, v. 9 (3), 425-427, figs. 1-4.

(SOUDAN) Bay, 1904, 369-387 (southern).—Christopherson, 1910, v. 13, 3-7 (Egyptian); 1910, CfB, 791.

(S. CAROLINA) Bruce, 1911, JSCMA, v. 7, 341-347.—Ward, 1911, JSCMA, v. 7 (9), 329-358.

(SOUTHERN PINES, N. C.) Johnson, 1905, CMJ, v. 53, 292.

(SPAIN) Codina, 1904, ArAm, v. 24, 152.—de Larra y Cerezo, 1904a, 491-496; 1905a, 275-276.

(SPANISH HONDURAS) Barlow, 1915, 272.

(SUMATRA) Salm, 1905b, 615-616.

(SWITZ.) Koitcheff, 1908, 1-61, pls. 1-2.

(TAMPICO) Matienzo, 1903a, 354-356, pls. 1-2; 1904a, 141-145.

(TENNESSEE) Evans, 1910, SMJ, v. 3, 506.

(TEXAS) Herff, 1894a, 412-416; 1894b, 613-616; 1895a, 218; 1895b, 349-353; 1895c, 12.—Schaffler, 1901a, 399-408; 1901b, 655-658; 1901c, 1-10.—Smith, 1903, AJMS, v. 126 (5), 768-798, figs. 1-10; 1903, JAMA, v. 41 (22), 1369.—Stiles, 1903yy, 353-445, figs. 1-85; 1912, S, v. 35, 555.

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- (TORINO) Bozzolo, 1879b, 369-370; 1879c, 24-25.—Leuck., 1868, 411.
 (TRANVAAL) Posnett, 1906a, 718-719; 1906b, 305; 1907a, 439.
 (TUNIS) Gobert & Catouillard, 1908, BSPe, v. 1 (10), 600-602; 1908, Pm, v. 16, 828; 1908, Adl'IP, v. 4, 173-178; 1909, CfB, v. 43 (9-12), 347-348.
 (UDI DISTRICT, CENTRAL PROVINCE, S. NIGERIA) Wyler, 1913, JTMH, v. 16, 193-195.
 (UMBRIA) Guerra-Coppiolo, 1913, v. 7, 1-6.—Norsa, 1905a.
 (URUNDI) Lange, 1914, Diss. Leipzig.
 (U. S. A.) Allyn & Behrend, 1901, 98.—A., K., & G., 1904, 26.—Smith, 1903, MR, v. 63 (19), 757; 1903, AM, v. 5 (20), 771; 1903, MN, v. 82 (21), 994.—Stiles, 1901p, 523-532; 1903g, 517-521; 1903k, 1-121, figs. 1-86; 1903l, 1-122; 1903m, 76-77; 1903n, 757-758; 1903p, 640-641; 1903q, 61-65; 1904g, 193-196, figs. 8-12; 1904q, 117-121.—Stone, 1903a, 680-683, figs. 1-2; 1903b, 628; 1903c, 660.
 (U. S. A., CENTRAL) Holland, 1913, MR, v. 84 (18), 821; 1913, NYMJ, v. 98 (18), 890.
 (U. S. A., SOUTHERN) Arnold, 1911, KMJ, v. 9 (5), 227-229.—Carter, 1909, MM, v. 33, 617-631.—Gage & Bass, 1910, AIM, v. 6 (3), 303-306; 1910, JAMA, v. 55 (15), 1324; 1910, JTMH, v. 13 (21), 332.—Harris, 1902e, 776; 1903e, 133-148, figs. 1-3; 1903f, 208-209.—Lemann, 1903a, 260-266; 1903b, 211-216.—Smith, A. J., 1914, OP, v. 12 (20), 617-627.—Smith, C., 1903a, 709-713, figs. 1-4; 1903b, 508; 1903c, 677; 1903d, 251; 1904b, 592-597, figs. 1-2; 1904c, 973; 1904d, 465; 1904e, 1450; 1905a, 147-148.—Snyder, 1908a, 751-759.—Stiles, 1902ll, 2433-2434; 1902mm, 760; 1903f, 11-12; 1903uu, 315; 1905x, 35; 1910c.
 (VENEZUELA) Bareggi, 1882a, 276-278.—Mouat-Biggs, 1915, JTMH, v. 18, 178-179; 1915, TSTMH, v. 8, 216-217.
 (VERONA) Bonuzzi, 1884a, 281-285, 289-292, 302-306, 323-325, 331-333.
 (VIÑALES) Rivero y Beltran, 1910, SyB, v. 3 (5-6), 737-738.
 (VIRGINIA) Freeman, 1911, VMSM, v. 16 (3), 57-61.—Gray, 1901a, 269-270.—Waddell, 1910a, 546-549 (Piedmont region).
 (VOGHERA) Cattaneo, 1911, Savoro, v. 4, 227-232; 1911, BSmcP, v. 30, 165-176.
 (WARM CLIMATES) Mans., 1903e, 639.—Turner, 1896b, 99-102.
 (W. INDIES) Branch, 1905, 261-262.—Mans., 1903e, 659.—Spitzly, 1898, BMJ, (1932), 116.
 (WESTPHALIA) A., K., & G., 1904, 24.—Bruns, 1904, MmW, v. 51, 657-662, 715-717; 1904, DmW, v. 30 (19), 720; 1904, JAMA, v. 42 (21), 1394.—Haldane, 1903c, 1-13; 1903d, 1590-1591.—Müell., 1910, 178; 1910, BOHIp, v. 2 (11), 1979.—Mulvaney & Koenig, 1903a, 1-23, 1 map.—Oliver, 1904a, 1635-1637; 1904b, 1280; 1904c, 1-32; 1905a: 1905b, 189-202; 1905g, 191-192.—Tenholt, 1903e, 297-305.
 (WIEN) Heschl, 1876a, 484-485; 1876b, 148-153; 1876c, 925-928.
 (WÜRZBURG) Seifert & Müell., 1885a, 457-459.

—, ground-itch:

- (ASSAM) Bentley, 1902a, 190-193; 1902b, 299; 1902c, 311; 1902d, 1310; 1902, GTNI, v. 42 (6), 759-761; 1902, JTM, v. 5, 61-64; 1902, ZC, v. 9 (16-17), 504.
 (BOGOTA) Lombano-Barranèche, 1907, RmB, 161-163.
 (GR. BRIT.) Elliott, 1902, BMJ, v. 1, 807-808.—Nash, 1902a, 587.
 (INDIA) Dallas, 1902, IMR, v. 23 (9), 241-243; (13) 365-366.
 (U. S. A.) Dead. & Thomps., 1916a, 465.—Smith, 1906a, 1693-1695, figs. 1-3; 1906b, 1099; 1906c, 878; 1907a, 16.

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- (DEUTSCHLAND) Zinn & Jacoby, 1898, 3.
 (LOND.) Sandwith, 1894, L, v. 1, 1363.
 (SWITZ.) Schulthess, 1882, 169.
 (U. S. A.) Dead. & Thomps., 1916a, 445, 462 (clinical).—Stiles, 1910, JAMA, v. 54 (5), 391-392; 1910, NYMJ, v. 91 (7), 356; 1910, MR, v. 77 (8), 336.

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(SIERRA LEONE) Harvey, 1908, JRAMC, v. 11 (1), 1-23, figs.

(U. S. A.) Stiles, 1901p, 523-532.

(WINDWARD ISLANDS) Nicholls, 1913, AST, v. 17 (21), 758.

—, cats:

(ITALY) Grassi, 1878c, 451-454; 1879a, 493.

—, cattle:

(PRAG) Duchanek, 1909, BtW, v. 25 (44), 805; 1909, VR, v. 22, 344; 1909, TC, v. 32 (8), 114-118; 1909, TR, v. 15 (37), 292.

(U. S. A.) Conradi & Barnett, 1908, BSCAES, 1-23, figs. 1-9.—Dawson, 1903b, 1-3; 1907, DtW, v. 15 (17), 243-244.

—, dogs:

(ASSAM) Gray, 1899a, 1107; 1899b, 902.

(DEUTSCHLAND) Leichtenstern, 1898, 4.—Liefmann, 1905, 357.—Korbelius, 1899a, 187.—Looss, 1898, CiB, v. 1 (24), 863-870; (25), 913-926; 1911, v. 4, 211, 328, 333.—Mello, 1908, AsrSAvi, 104; 1908, DtW, v. 17 (22), 318; 1910, AVR, v. 36 (4), 510.—Tenholt, 1896, 9.

(FRANCE) Calmette & Breton, 1905, BAM, v. 53, 312-314.—Cuille, 1908, Rv, v. 33 (10), 613-618, fig. 1; 1908, Cv, v. 31 (46), 747-748; 1908, JMvZ, v. 12, 734-735; 1909, RMv, v. 86 (1), 48-49; 1909, ESR, v. 20 (9), 882-883; 1909, DtW, v. 17 (21), 301-302; 1909, JTVS, v. 4 (2), 159-162; 1910, BtW, v. 26 (15), 324; 1910, Al, v. 33 (19) 223.—Mégn., 1882ff, 408-412, 417-432; 1882ll, 663-666; 1882mm, 59; 1882uu, 1882vv, 1-20; 1883i, 311-325, figs. 1-2; 1883, CrSB (7), 172.

(GR. BRIT.) Leiper, 1910, 200.—Oliver, 1910, 166.

(HUNGARY) Séquens, 1893a.

(INDIA) Powell, 1900a, 1452.

(ITALY) Marcone, 1898a, 5-11; 1898b, 485-486; 1901a, 63-65; 1903a, 703.—Peronc., 1914, AAA, v. 56, 218-219.—Pieri, 1905, 4.—Siccardi, 1905, 108.

(NEW YORK) Muldoon, 1915, RNY SVC, 136-141.

(PHILA.) Bishop & Dawson, 1914, FHN, 199; 1915, MVB, v. 6 (3), 98-100.

(SENEGAL) Thiroux & Teppaz, 1906a, 265-266; 1906b, 789; 1907a, 345-346; 1907f, 243-244.

(SIERRA LEONE) Yorke & Blacklock, 1915, ATMP, v. 9, 425-427, figs. 1-4.

(U. S. A.) Mink, 1909, USNMB, v. 3, 51.—Smith, C., 1903, 709.—Trickett, 1904a, 83-86, figs. 1-5.

—, horses:

(AUSTRIA) Goldman, 1899, 1385; 1900, 54.

(DEUTSCHLAND) Korbelius, 1899a, 114-121, 185-189.—Rathonyi, 1896a, 655-656; 1897a, 292-293; 1897b, 412.

(EGYPT) Looss, 1911a, 1897, 917; 324.

(FRANCE) Rail., 1897a, 1132-1135; 1899g, 343-346.

(GR. BRIT.) Kenwood in Boycott, 1905, 24.

(HUNGARY) Ratz, 1898b, 879-881; 1898c, 795; 1898d, 298-305; 1898e, 49-61; 1899a, 122-123; 1899b, 44-45.

(ITALY) Aless., 1905, 175.—Pieri, 1905, 1.

(JAPAN) Inouye, 1905, 63.

—, monkeys:

(AUSTRIA) Springer, 1897a, 183-184 (*Inuus erythræus*).

(DEUTSCHLAND) Linst., 1903o, 526-531, figs. 1-7 (in chimpanzees); 1903p, 787; 1903q, 611.

—, pigs:

(DEUTSCHLAND) Strocse, 1898a, 81-86; 1898b, 129; 1898c, 251-252.

—, sheep:

(BARBADOS) Agric. News, 1913, v. 13, 149; ESR, 1913, v. 29 (3), 287.

—, tigers:

(MÜNCHEN) Kitt, 1915, MpT, v. 26 (7-8), 324-349, figs. 1-16.

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- (AFRICA) Knapp, 1917, MJS Africa, v. 12, 103.
(FRANCE) Theoris, 1905d, 345-347; 1905e, 1145-1146; 1905f, 428; 1905, CrSB, v. 58, 490-491.
(GR. BRIT.) Smith, 1905b, 6-12, 189-205, figs. A-B, 1-20; 335-348, figs. 21-34; 1905c, 1-37.
(ITALY) Bruni, 1911, Cesalpino, v. 7, 335-337.
(SIERRA LEONE) Harvey, 1908, JRAMC, v. 11, (1), 1-23, figs.
(U. S. A.) Chamberlain, 1909, MR, v. 75 (19), 820; 1909, NYMJ, v. 89 (18), 927; 1909, JAMA, v. 52 (19), 1536; 1911, CPA, v. 22 (10), 450-451; 1909, AIM, v. 4 (1), 8-20.—Craig, 1903, AJMS, v. 126, 798-816; 1903, JAMA, v. 41 (22), 1369; 1903, MR, v. 64 (24), 939.—Foster & Sinclair, 1917, JAMA, v. 69, 431-434 (southern troops on Mexican border).—Siler & Cole, 1917, MS, v. 41, 77-99 (Texas, Miss., & Ala. troops).—Stedman, 1909a, 977.—Stiles, 1917, PHR, 1299-1301 (1-4).

— in children:

- (BUENOS AIRES) Lopez, 1892a, 790-794.
(FRANCE) Arslan, 1892, 555-561; 1893, 352-353.
(ITALY) Baravalle, 1902, Morgagni, v. 44, 577-580; 1903, Progreso med., Torino, v. 2, 37.—Cozzolino, 1907, v. 5, 97-127; 1908, 43.—Polatti, 1884a, 266-269; 1884b, 228-230.
(U. S. A.) Brown, 1911-12, BNCBH, v. 26, 173-175.—Lemann, 1910, AIM, v. 6, 139-146; 1910, JTMH, v. 13 (21), 331; 1910, JAMA, v. 55 (10), 885.—Scient. Amer., 1915, v. 79, 164-165, figs. 1-2.—Stiles, 1910, MR, v. 77 (16), 672; 1910, PCCRW, 211-215; 1911, S, v. 33, 511; 1911, SMJ, v. 4 (4), 325-328.
(WASH., D. C.) Adams, 1906, AP, v. 23 (4), 241-248, figs. 1-4.

— in coolies:

- (ASSAM) Caudle, 1893a, 104.—Thorburn, 1893a, 103.
(CEYLON) Perera, 1915, IMG, v. 50, 474 (in Indian coolies).
(INDIA) Dalgetty, 1901b, 73-77; 1902a, 759 (in tea-gardens).—Giles, 1891a, 1-26 (in tea-gardens).—Macaulay, 1912, Malaya MJ, v. 10 (1), 1-49 (Tamil coolies).

—, Kala-azar:

- (ASSAM) Dobs., 1892a, 51-70.—Evans, 1892a, 330-332, figs. 1-2; 353-354.—Giles, 1890a, 1-156, pls. 1-4; 1892e, 49-51; 1892f, 352; 1892h, 170-173, 193-196; 1898a, 1-4; 1898b, 35-38; 1898c, 861.

—, mode of infection:

- (AUSTRALIA) Bancroft, 1902a, 66; 1902b, 973; 1902, JTM, v. 5 (8), 131.
(BELGIUM) Fabre, 1904-05, Cmp, v. 10, 255-259.
(DEUTSCHLAND) Fülleborn, 1914, AST, v. 18, 26-80 (182-236), figs. 1-14, pls. 1-7.—Fülleborn & Schill, Torgau, 1911, AST, v. 15, 569-571; 1911, JLSTM, v. 1 (1), 20-21; 1912, HR, v. 22 (22), 1465-1466; 1912, DmW, v. 38, 1667.—Liefmann, 1905a, 349-363; 1905b, 1302; 1905c, 153-155; 1905d, 775-776; 1905e, 1122; 1905f, 152; 1905g, 789-791; 1906, Cmw, v. 44 (52), 874; 1906, HR, v. 16 (14), 768.—Looss, 1903c, 142.
(GR. BRIT.) Boycott, 1904, L, v. 166, 1280.
(INDIA) Giles, 1892, IMG, 127.
(ITALY) Pieri, 1902a, 217-220; 1902b, 737-739; 1902c, 646-647; 1902d, 269-273; 1902e, 692; 1903a, 393-397; 1903b, 531-535; 1904a, 135; 1904b, 648-649; 1904c, 221; 1905a, 34.
(JAPAN) Tanaka, 1904a, 937-944.
(N. CAROLINA) Ferrell, 1910, PFG, v. 25 (47), 18; (48), 20.
(U. S. A.) Bass, 1910, Texas MJ, v. 26, 132-138.—Dead. & Thomps., 1916a, 453.—JAMA, 1901, v. 37 (2), 117-118.—Smith, A. J., 1903, AJMS.—Smith, C., 1901b, 592-597, figs. 1-2; 1904c, 973; 1904d, 465; 1904e, 1450; 1905a, 147-148; 1905c, 1142-1145, figs. 1-4; 1905d, 388; 1905e, 876; 1905f, 198; 1905g, 667; 1905k, 335; 1905l, 339-340.
—, —, oral:
(BELGIUM) Lambinet, 1905d, 56-75; 1905e, 242-243; 1905f, 345-346; 1905g, 461-463; 1905h, 507; 1905i, 502; 1905k, 68.
(JAPAN) Miyagawa, 1913, CfB, v. 68, 201-204.

Uncinariasis, mode of infection, skin:

- (AUSTRIA) Goldman, 1904, WmW, v. 55, 82-85; 1904, v. 3 (10), 1-6.
- (BELGIUM) Herman, 1905, BARM, v. 19, 181-195, pls. 1-5; 1905, v. 10, 263; 1908, v. 4, 313-315.—Lambinet, 1904b, 1848; 1905a, 174; 1905b, 261; 1905c, 59; 1905d, 56-75; 1905e, 242-243; 1905f, 345-346; 1905g, 461-463; 1905h, 57; 1905i, 502; 1905k, 68; 1905l, 294-295; 1905, AST, v. 9 (11), 522; 1905, HR, v. 15 (24), 1252; 1905, BARM, v. 19, 762-774, pl. 1; 1906, Pm, v. 14 (17), 132; 1906, CmW, v. 44 (6), 107; 1906, CPPS, v. 7, v. 1 (14), 555.
- (BOCHUM) Tenholt, 1903c, 563-564, 693; 1903d, 737-738; 1903f, 956; 1905c, 91; 1905d, 335.
- (BRAZIL) Austregesilo, 1903, Bm, v. 17, 447; 1904-05, GmB, v. 36, 481-493; 1905, Bm, v. 19, 111-116; 1906, v. 14, 262-268; 1914, AbM, v. 4 (1-2), 27-33.—Menezes, 1904a, 47-50.
- (CAIRO) Sandwith, 1901a, 690-691; 1901b, 319-321; 1901c, 257-258; 1901d, 548; 1902b, 380-381; 1903a, 340; 1903b, 14; 1905c, 255; 1910, L, v. 178, 1412.
- (DEUTSCHLAND) Bruns, 1903, MmW, v. 50, 474-476; 1903, DmW, v. 29 (14), 83; 1903, MmW, v. 50 (16), 693; 1903, PMJ, v. 11 (22), 889; 1903, FM, v. 21 (25), 847-848; 1903, CfB, v. 33 (23), 737-738; 1903, HR, v. 13 (24), 1244 (danger of trench-digging).—Bruns & Müell., 1905, MmW, v. 52, 1484-1487; 1905, AST, v. 9 (12), 564; 1906, CmW, v. 44 (12), 201; 1906, FH, v. 4 (8), 191-192; 1907, HR, v. 17 (1), 25.—Looss, 1901h, 733-739; 1901i, 237-238; 1901k, 84; 1904d, 602-605; 1905b, 41-83; 1906, MmW, v. 33 (3), 132; 1906, DmW, v. 32 (1), 34; 1906, CPPS, v. 7, v. 1 (9), 284-285; 1906, BIP, v. 4 (16), 693-694; 1906, CPA, v. 17 (20), 833; 1906, JTM, v. 9 (21), 340.—Lüthe, 1907, SpæG, v. 47, 97-103.
- (FRANCE) Dubreuth, 1905, Pm, 2438.
- (GR. BRIT.) Boycott, 1905, CPLIPM, 280-284, fig. 1.
- (ITALY) Frassi, 1906, Cs, v. 17, 1078.—Pieri, 1905b, 547-554; 1906a, 29; 1906c, 147; 1906e, 95; 1907a, 154; 1907b, 12.
- (JAPAN) Tsuchiya & Miyagawa, 1912, MmGT, v. 26 (24), 29-40; 1913, CfB, v. 58 (10), 298.
- (PORTO RICO) Ashford & King, 1907, BMSJ, v. 156, 415-421, figs. 1-3.—Martinez Rossello, 1906, BAMPR, v. 4, 84-86.
- (SUMATRA) Schüëffner, 1905a, 2099-2100; 1905b, 1744; 1906b, 51-52; 1906c, 683-693, figs. 1-4; 1906d, 364-365; 1906e, 694-695; 1906f, 546; 1906g, 339; 1907h, 1010-1011.
- (U. S. A.) Delcourt, 1910, NOMSJ, v. 63, 255-261.

—, —, water:

- (BRAZIL) Wucherer, 1868, 230.
- (CAIRO, EGYPT) Looss, 1905, 129.
- (INDIA) Forbes, 1892, 94.—Kynsey, 1893, 165.

— mortality:

- (U. S. A.) Dead. & Thomps., 1916a, 474.

— pathogenesis:

- (DEUTSCHLAND) Katz, 1889a, 102-111, pl. 1.
- (ITALY) Aless., 1904, Pol., v. 11 (12), 541-549, figs. 1-2.—Aporti, 1897, AiCm, v. 36, 207-223.—Berti, 1906, GdO, v. 27, 402-405.—Caracciolo, 1910, Cmi, v. 49, 588-614; 1911, Cmi, v. 1, 65-82; 1912, BIP, v. 10 (4), 180.—Crisafulli, 1902-03, v. 4, 33.—Frugoni, 1905, RcCm, v. 11, 300-302.—Gabbi, 1903a, 673-679; 1903b, 175; 1903c, 623-624.—Lussana, 1890a, 759-776.—Maniz, 1914, Pol., v. 21, 1001-1006.—Marini, 1-117.—Siccardi, 1910, AP, 555-582; 1910, BkW, v. 47 (25), 1187.
- (U. S. A.) Dead. & Thomp., 1916a, 458.

— pathology:

- (AUSTRIA) Nieden, 1897a, 1094-1098; 1898a, 60-68; 1903a, 181-182; 1903b, 207-209; 1903, DmW, v. 39, 353 (eyes).
- (BELGIUM) Fabre, 1882a, 629-630; 1883a, 1-48, pl. 1.
- (BRIT. GUIANA) Kennard, 1902b, 61-63; 1902c, 289-290; 1904b, 356-357 (intestinal tract, catarrhal condition).
- (DEUTSCHLAND) Hirsch, 1864a, in 1-668; 1883b, in 1-467; 1885a, in 1-681; 1888a, in 1-467.
- (FRANCE) Parisot & Fairise, 1913, AMCVS, v. 6 (7), 433-496.

Uncinariasis pathology—Continued.

- (LONDON) Ferguson, 1914, L, v. 187, v. 2 (2), 85.
 (NASHVILLE, TENN.) Evans, 1910, JAMA, v. 54 (5), 394-395; 1910, MR, v. 77 (8), 336; 1910, NYMJ, v. 91 (7), 356-357; 1910, SMJ, v. 3, 103-108; 1910, IMJ, v. 17, 167-174; 1910-11, JYMA, v. 3, 37-43.
 (N. CAROLINA) Nicholson & Rankin, 1904a, 978-987; 1904b, 1045; 1904c, 1724, 1904d, 869.
 (SWITZ.) Monighetti, 1881a, 1-50.
 (TEXAS) Johnson, 1913, TSJM, v. 8 (11).
 (TRINIDAD) Rake, 1891, TPSL, v. 42, 135-136 (intestine and liver).
 (U. S. A.) Fitch, 1904, SM, v. 11, 274-284; 1905, RMCH, v. 10 (2).—Dead., 1910, JAMS, v. 7 (5), 129-131.—Dead. & Thomps., 1916a, 460.

— prevalence:

- (AMERICA) AM, 1909, v. 15 (10), v. 4 (10), 497-498.
 (CALCUTTA) Rogers, 1900c, 472.
 (INDIA) Baker, 1888a, 353-355 (connection with jail debility).—Rogers, 1900a, 128-129.
 (MADRAS PRESIDENCY) Mhaskar, 1917, IJMR, v. 4, 771-785.
 (ST. LUCIA) Galgey, 1897, BMJ, v. 1, 200-202.
 (U. S. A.) Clemow, 1903, MR, v. 64 (9), 339-340.—Gage & Bass, 1910, 306.—RSCHEID repts. publications and Reports of State Boards of Health.
 (VIRGINIA) Freeman, 1911, VMSM, v. 16 (3), 57-61.—Waddell, 1910a, 546-549.

—, prevention, prophylaxis, etc.:

- (AUSTRIA) Goldman, 1905, WmW, v. 55, 471-474.
 (BELGIUM) Fabre, 1904, BAM, v. 51, 312-335; 1905, ASmca, v. 10, 41.—Herman, 1900a, 269-272, 273, figs. 1-10.—Lambinet, 1903c, 534-544; 1903d, 1-11; 1903e, 442-443; 1904a, 40-41.—Van Ermengen, 1899, RH, v. 21 (10), 881-891.—Vaucleeroy, 1899a, 515-521.
 (BRAZIL) Mendonça, 1904a, 258-259.—Paranhos, 1904a, 255-257.
 (CALIFORNIA) Cumming & White, 1916, Bull. 12, BCD, CSBH, 1-7, figs. i-vi.
 (CREMONA) Conti, 1908, v. 2, 901-906.
 (DEUTSCHLAND) Bruns, 1904, KJ, v. 12 (1), 1-28; 1908, v. 2, 897-900.—Bruns, Liefmann, & Maeckel, 1905, MmW, 253; 1906, HR, v. 16 (14), 768-769.
 (FRANCE) Calmette, Francis, & Breton, 1905, v. 54, 157-160; 1905, v. 27 (12), 1144-1145; 1905, v. (30), 355; 1905, July 25, 1-4; 1905, July 26, 472; 1905, Sept. 5, 1752; 1905, Oct. 15, 806-807; 1906, v. 39 (4-5), 160; 1906, v. 17 (7), 268.
 (GLASGOW) Court, 1903, BMJ, v. 2, 1290-1291.
 (GR.-BRIT.) Baker, 1903, RH, v. 26 (2), 186-188.—Boycott & Haldane, 1904, JH Camb., v. 4 (1), 73-111; 1904, DmW, v. 30 (14), 515; 1904, BIP, v. 2 (8), 364; 1904, AM, v. 7 (22), 840-841.—Charles, 1908, BMJ, v. 175, v. 2 (10), 741.—Mans., 1904q, 1246; 1904r, 829.—Oliver, 1910, BMJ, v. 2, 888.—Perry, 1910, BMJ, v. 2, 995.—Sambon, 1908q, 740-741.—Sandwith, 1894, L, v. 1, 1367.—Sergeant, 1905a, 273.
 (INDIA) Dalgetty, 1905, BMJ, v. 1, 17.
 (ITALY) Sp, 1891, v. 4, 193-200.
 (JAPAN) Takeo, 1894, RKKZ, (66), 7-25, pl. 1.
 (LIÈGE) BOiHp, 1909, v. 1, 195-205.
 (LOND.) May, 1908, L, v. 175, 740-741; 1908, JTMH, v. 11 (17), 272; 1908, BMJ, v. 2 (10), 740.
 (PARIS) François, 1906, 1-122.
 (PORTO RICO) Ashford, 1907, MS, v. 20 (1), 40-55.
 (ST. LOUIS, MO.) Dock, 1910, GSJMS, v. 17, 28-30.—Dock & Bass, 1910, 9-250, figs. 1-49; 1914, AdP, v. 16 (3), 461-463.
 (SCOTLAND) Stockman, 1903c, 1290-1291.
 (U. S. A.) Arnold, 1911, MR, v. 79 (12), 534.—Dead. & Thomps., 1916a, 480.—Rittenhouse, 1910, JAMA, v. 54 (5), 392-394.—Smith, 1910, MR, v. 77, 1071-1072.—Winckel, 1917, NTG, v. 1, 1034-1038.

Uncinariasis, prevention, prophylaxis, etc.—Continued.

(VIRGINIA) Freeman, 1911, VMSM, v. 16 (3), 57-61.

(WASH., D. C.) Stiles, 1909, PFG, v. 24 (26), 12, fig. 1; 1910, PHB, (32), 1-40, figs. 1-29.

—, prevention, chlorure de sodium:

(LIÈGE) Lambinet, 1906, BARM, v. 20 (4), 345-348, 417-431; 1907, HC, v. 2 (13), 407.

—, —, salt water:

(FRANCE) Acloque, 1905, Cosmos, v. 53, 401-403, figs. 1-3.—Manouvriez, 1905a, 1-25; 1905b, 806-807; 1905c, 3119; 1905d, 514-531; 1905e, 1462; 1905f, 343; 1905g, 139; 1905h, 1418.

—, —, salt, marine:

(FRANCE) Calmette & Breton, 1905, BAM, v. 54, 157-160; 1905, RH, v. 27 (12), 1144-1145; 1905 (30), 355; 1906, CPA, v. 17 (7), 268; 1906, v. 39 (4-5), 160.

— prognosis:

(U. S. A.) Dead. & Thomps., 1916a, 478.

—, proportion white, and colored races:

(DEUTSCHLAND) Zinn & Jacoby, 1896a, 797-801; 1896b, 1-13; 1897a, 215-216.

(U. S. A.) Burdell, 1910, JAMA, v. 54 (22), 1816-1817; 1910, JSCMA, v. 10, 326-328.—Smith, A. J., 1903, AJMS, 17.—Stiles, 1909k, 1083-1089; 1909l, 1-10; 1909m, 200-204; 1909n, 482-486; 1909o, 647-652; 1909p, 60-65; 1909w, 1-18, figs. 1-10; 1909x, 17-32, figs. 1-10; 1909y, 509; 1909bb, 608-609; 1909cc, 1308.—Strosnider, 1911, HBUM, v. 7, 192; 1911, BNCBH, v. 26, 167-169.

— sanitation:

(ARKANSAS) Runyan, Smith, & Garrison, 1913, 1-24, figs. 1-17.

(ATLANTA, GA.) Fort, 1915, AJPH, v. 5 (10), 1038-1043.

(EGYPT) Charles, 1908, JTMH, v. 11 (17), 274.

(FLORIDA) Dobbs, 1914, BFSBH, (118), 1-13, pl. 1 fig. 1 (soil pollution).

(FRANCE) Fabre, 1881a, 1-23; 1881b, 189-191 (mines).

(GR. BRIT.) Nuttall, Bidd., etc., 1904, (cf. 1905a) Comm. Rep., 3, 5 (mines).—Shufflebotham, 1908, JRIPH, v. 16 (11), 675-682 (mines).

(INDIA) Giles, 1891a, 1-26 (tea gardens).

(N. CAROLINA) BNCBH, 1910, v. 25 (9), 426-427 (schools); 1911, v. 26 (5), 156.—Lay, 1910, BNCBH, v. 25 (9), 424-426, figs. 1-2.—Prigden, 1911, BNCBH, v. 26 (5), 169-171, fig. 1.—Rose, 1913, AJPH, v. 3, 655.

(PARIS) Fillassier, 1906, 1-106, pl. 1.

(PHILIPPINES) Heiser, 1909, JAMA, v. 52 (2), 97-99.

(TROPICS) Manson, 1908, BMJ, v. 2, 337-338; 1908, MR, v. 74 (9), 378-379; 1908, JTMH, v. 11 (18), 271; 1908, BMJ, v. 2 (10), 739; 1908, MmW, v. 55 (37), 1957.—Manson, Law, & Turner, 1908, BMJ, v. 2, 1347-1354.

(U. S. A.) Stiles, 1907, 1-8 (soil pollution); 1908f, 758; 1908i, 193-203; 1908k, 1-11; 1908l, 484-490; 1909d, 1-12, figs. 1-3 (soil pollution); 1909z, 1445-1447; 1909aa, 1-8, figs. 1-3; 1909d, 347; 1915, NYMJ, v. 102 (18), 906-907 (schools).

(WESTPHALIA) Müell., 1910, 178; 1910, BOiHp, v. 2 (11), 1979.

— spread:

(AUSTRIA) Goldmann, 1899, MN, v. 74, 774-775.

(GR. BRIT.) Hendley, 1903a, 1393-1394; 1903b, 302.—Nuttall, Bidd., etc., 1904, 1-6.—Nuttall, etc., 1905a, 292-296.

— symptoms:

(ARKANSAS) McGill, 1910, JAMS, v. 7 (5), 131-134.

(DEUTSCHLAND) Wasielewski, 1913, HdH, v. 3 (3), 75, 87, 310.

(FRANCE) Dopter, 1904, GdH, v. 77, 817.

(JAPAN) Hara, 1903a, 29-33; 1904a, 460.

(MEMPHIS, TENN.) Leroy, 1910, JTMA, v. 3 (2), 36-37.

(NEW YORK) Connellan, 1911, MA, v. 13, 275-277.

(N. CAROLINA) BNCBH, 1910, v. 25 (9), 463-464.—Nicholson & Rankin, 1904a, 978-987; 1904b, 1045; 1904c, 1724; 1904d, 869.

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- (ST. LOUIS) Bass, 1910, NOMSJ, v. 63, 250-254.—Dock, 1910, NYMJ, v. 91 (7), 357; 1910, MR, v. 77 (8), 336; 1910, JAMA, v. 54 (6), 484; 1910, Interstate MJ, v. 17, 163-166.
- (TEXAS) Judkins, 1913, TSJM, v. 9 (4), 134-136; 1913, TDB, v. 2 (8), 413-414.
- (U. S. A.) Dead. & Thomps., 1916a, 462.—Harris, 1902a, 99-100; 1902b, 144-145; 1902c, 110; 1902d, 220-227, 232-236; 1902, JTM, v. 5, 339.—Stiles, 1909g, (24), 3, 13, figs. 1-7; (25), 13; (26), 12, fig. 1; 1909h, (42), 2, 15, figs. 1-7; (43), 13; (44), 13, fig. 1.
- (VIRGINIA) Perkins, 1910, VMSM, v. 15 (16), 368-371.
- , atrophy of skin:
(W. INDIES) Duprey, 1902a, 267-268; 1902c, 701-702.
- , circulatory system:
(GR. BRIT.) Abd el Aziz Ismail, 1915, L, v. 188, v. 1 (23), 1175-1177.
- , feces:
(ITALY) Siccardi, 1909, R, v. 3, 477 (Charcot's crystals).
- (U. S. A.) Dead. & Thomps., 1916a, 467, 473.
- , fever:
(GR. BRIT.) Cast., 1910, JTMH, v. 13 (17), 255-258, tables 1-5.
(ITALY) Bianchini, 1909, R, v. 3, 461-474.—Gabbi, 1905, Rm, v. 21, 869-873; 1906, Cfl, v. 37 (23-25), 749-750; 1906, JTM, v. 9 (4), 58; 1909, R, v. 3, 145-160.
- , generative system:
(U. S. A.) Dead. & Thomps., 1916a, 470.
- , intestines:
(ITALY) Morelli, 1878a, 33.
(U. S. A.) Dead. & Thomps., 1916a, 460.
- , nervous system:
(DEUTSCHLAND) Looss, 1914, HdT, v. 2, 390.
(ITALY) Signorelli, 1909a, 549-551; 1909b, 1966.
(PORTO RICO) Ashford & King, 1903, AM, v. 6, 392.
- , heart:
(U. S. A.) Dead. & Thomps., 1916a, 467.
- , teeth:
(LOND.) Cobbold, 1864b, 361.
- , temperature:
(ALABAMA) Toole, 1905, AMJ, v. 18, 9-12.
(CAIRO) Looss, 1905, 120.—Sandwith, 1894, L, v. 1, 1364.
(CEYLON) Kynsey, 1893, IMG, 164.
(DEUTSCHLAND) Leichtenstern, 1885, 485.
(INDIA) Giles, 1892h, 195.
(ITALY) Cammarata, 1914, v. 5, 179-183; 1915, AST, v. 19 (23), 635.
(U. S. A.) Stiles, 1903l, 10.
(MISCELLANEOUS) Vaz, 1879, 887.
- , tongue:
(BRAZIL) Wucherer, 1866, 39.
(BRIT. GUIANA) Delamere, 1902a, 183-184, figs. 1-18; 1902b, 68; 1902c, 171; 1902d, 64-67; 1902e; 1902f, 1006; 1902, AST, v. 6 (9), 328-329 (peculiar markings).
(CAIRO) Sandwith, 1894, L, v. 1, 1364; 1904f, 247; 1905a, 182 (peculiar markings).
(CEYLON) Kynsey, 1893, IMG, 164.
(INDIA) Thornhill, 1895, IMG, v. 30, 382.
(W. INDIES) Duprey, 1902a, 267-268; 1902b, 591 (markings).—Leonard, 1904a, 317 (markings).
(MISCELLANEOUS) Vaz, 1879, 881.

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(MISCELLANEOUS) Vaz, 1879, 883.

—, urine:

(BRAZIL) Riedel, 1914, AbM, v. 4 (1-2), 121-124.—Wucherer, 1866, 39.

(CAIRO) Sandwith, 1894, L, v. 1, 1364.

(DEUTSCHLAND) Zinn & Jacoby, 1898, 16.

(FRANCE) Fonsagrives & Méricourt, 1864, 369.

(INDIA) Williams, 1892, IMG, 207.

(ITALY) Grassi & Par., 1879, 419.

(U. S. A.) Craig, 1903, AJMS, v. 126, 808.—Dead. & Thomps., 1916a, 470.

(WIEN) Atlas, 1894b, 497.

—, visual disturbances:

(ALABAMA) Toole, 1905, AMJ, v. 18, 9-12.

(U. S. A.) Dead. & Thomps., 1916a, 471.

— toxic substances, toxicity, toxemia:

(BELGIUM) Lambinet, 1905d, 14, 44.

(DEUTSCHLAND) Liepmann, 1905a, 349-363; 1905b, 1302; 1905c, 153-155; 1905d, 775-776; 1905e, 1122; 1905f, 152; 1905g, 789-791; 1906, C'mW, v. 44 (52), 874; 1906, HR, v. 16 (14), 768.

(FRANCE) Weinberg, 1908g, 25-27; 1908h, 39; 1908i, 228-229; 1908k, 318; 1908l, 534.

(GR. BRIT.) Mans., 1903, TD, 3ed., 651, 655.

(ITALY) Aporti, 1897, AiC'm, v. 36, 207-223.—C'ao, 1901a, 795-799, 810-814, 821-825; 1901b, 593-595; 1902a, 390.

(PORTO RICO) Ashford & King, 1903, AM, v. 6, 392.

(TEXAS) Smith, A. J., 1903, AJMS, 21.

(TRINIDAD) Rake, 1894a, 107-109 (% of iron in liver).

— treatment:

(ASSAM) Banerji, 1893, SRPA, 101-102.—Giles, 1892h, 196.

(ATLANTA, GA.) Harris, 1910, JAMA, v. 54 (6), 485; 1910, MR, v. 77 (8), 336-337; 1910, TG, v. 34, v. 26 (6), 411-412; 1910, NYMJ, v. 91 (7), 357.

(AUSTRALIA) Turner, 1896a, 65-70.

(AUSTRIA) Goldmann, 1903a, 97-101; 1903d, 559-560; 1904a, 9; 1906, WkW, v. 19, 1090-1095.

(BOCHUM) Tenholt, 1906d, 1-22; 1906e, 64.

(BONN) Huëttenhain, 1890a, 1-61.

(BOSTON) BMSJ, 1911, v. 165 (25), 961.

(BRAZIL) Ferrari, 1906, GmCR, v. 11 (1), 19.—Havelburg, 1895a, 11-14.—Luz, 1882b, 359-386.—Queiros Mattoso, 1906a, 48-64.

(BRIT. GUIANA) Ozzard, 1915, JTMH, v. 18 (8), 93-94.

(CEYLON) Kynsey, 1893, IMG, 165.

(CHICAGO) Billings & Hickey, 1916, JAMA, v. 67 (26), 1908-1912, figs. 1-4.—JAMA, 1904, v. 43 (5), 308.—Mix, 1916, MC, v. 1 (6), 1193-1198.—Neighbor, 1916, Am. Field, 85 (7), 200.

(DEUTSCHLAND) Dieminger, 1907, KJ, v. 17 (3), 1908, CPA, v. 19 (12), 519; 1908, HC, v. 3 (22-23), 710.—Liefmann, 1906, HR, v. 16 (14), 768; —?, ZH, v. 50, 349; 1906, v. 44 (52), 874.—Liermberger, 1905a, 387-394; 1905b, 1720; 1905c, 465-466; 1905d, 396; 1905e, 16.—Looss, 1914, HdT, v. 2, 410.—Nagel, 1903a, 545-546; 1903b, 1397; 1903c, 694; 1903d, 347; 1904a, 394-395; 1904b, 187; 1904c, 634; 1904d, 245; 1904e, 64.—Neum., 1905a, 1060.

(FLORIDA) FHN, 1908, v. 3 (10), 244; 1910, v. 5 (10), 154-156.—Kinyoun, 1907, (5), 125.—Lindemann, 1910, JAMA, v. 54 (22), 1765-1768; 1910, NYMJ, v. 91 (23), 1181-1182.—McSwain, 1910, JAMA, v. 54 (21), 1716-1717.

(FRANCE) Genoui, 1905, J. Méd. prat. Lyon; 1905, Rev. int. Méd. Chir., Par., v. 16, 457-458.—Poitou, 1909, JSmL, v. 1, 14-18.

(FREIBURG) Baumler, 1881b, 481-485.

(GOLDSBORO, N. C.) Wagoner, 1911, BNCBH, v. 26 (5), 178.

Uncinariasis treatment—Continued.

- (GR. BRIT.) Salter, 1903a.—Whyte, 1916, ATMP, v. 10 (1), 79-84.
- (GULF STATES) Perry, 1910, GSJMS, v. 16, 98-102.
- (HOT SPRINGS, ARK.) Dead., 1915, IC, v. 4, 96-112.
- (INDIA) Lane, 1915, IMG, v. 50 (7), 241-245; 1915, 1-15.—Thornhill, 1895, IMG, v. 30, 344.
- (ITALY) Berti, 1906, GdO, v. 27, 209-212; 1906, NYMJ, v. 83 (13), 678; 1906, JAMA, v. 47 (7), 546.—Bianchi, 1881a, 598-614.—Norsa, 1904a, 959-962; 1904b, 1670; 1904c, 1445; 1904d, 754.—Par., E., 1885a, 1-46.
- (JAPAN) Murayama, 1906, CZ, 569.—Nakashiku & Kurugawa, 1903a, 260-267.—Omura, 1897a, 1-8.—Takeo, 1894, RKKZ, (66), 7-25, pl. 1.
- (JAVA) Wijn, 1909, GTNI, v. 49; 1910, AST, v. 14 (19), 627-628; 1911, NYMJ, v. 93 (10), 476; 1911, MS, v. 28 (3), 340.
- (LIÈGE) Herman, 1902-03, Scalpel, v. 55, 1-15; 1904, Scalpel, (3), 18-19.
- (LOND.) Day, 1914, L, v. 187, v. 2 (2), 82-87.—Keith, 1913, L, v. 185, v. 2 (16), 1117-1118; 1916, JTMH, v. 19 (11), 130-131.—Nicol, 1912, JTMH, 1-5.—Sandwith, 1894, L, v. 1, 1366.
- (MISSOURI) Thornburgh, 1917, JMSMA, Feb.: 1917, NYMJ, v. 105 (8), 376.
- (MOBILE, ALA.) Howell, 1908, MMSJ, v. 13, 138-143.
- (NEW ORLEANS) Sistrunk, 1910, NOMSJ, v. 63, 261-270.
- (NEW YORK) Connellan, 1911, MA, v. 13, 275-277.—Weber, 1910a, 159-163.
- (N. CAROLINA) Ferrell, 1910, BNCBH, v. 25 (9), 423; 1914, BFSBH, (127), 1-30, figs. 1-17.—Haywood, 1911-12, BNCBH, v. 26, 175-178.—Nicholson & Rankin, 1904a, 978-987; 1904b, 1045; 1904c, 1724; 1904d, 869.
- (PADUA) Siccaldi, 1909, v. 3, 482.
- (PARIS) Calmette, 1905, in 1-246, figs. 1-25.
- (PHILA.) Dead., 1915, IC, v. 4, 96-111.—Ehrhardt, 1910, MC, v. 15, 398.
- (PISOGNE) Maj., 1882a, 225-227.
- (PORTO RICO) Ashford, 1910, BNCBH, v. 25, 11-15; v. 25 (9), 415-419; 1913, LC, v. 3, 28-41.—Ashford & King, 1907, JAMA, v. 49 (6), 471-476; 1908, CIB, v. 41 (19-21), 666-667.—A., K., & G., 1904, 1-120, pls. 1-4; 1905, Med., v. 11 (7), 520-522.—Gutierrez, Gonzalez & Sein, 1907, 23, 34.—Patterson, 1908a, 243-246.
- (RALEIGH, N. C.) Haywood, 1911, BNCBH, v. 26 (5), 175-178.
- (RIO DE JANEIRO) de Almeida, 1914, AbM, v. 4 (1), 147-149.—Romeiro, 1914, AbM, v. 4 (1-2), 139-146.
- (ST. LOUIS) Dock & Bass, 1910, 9-250, figs. 1-49; 1914, AdP, v. 16 (3), 461-463.
- (ST. VINCENT, W. I.) Branch, 1904, BMJ, v. 1, 545; 1904, MR, v. 65 (12), 468; 1904, JTM, v. 7 (8), 128; 1904, MN, v. 84 (16), 750.
- (SCOTLAND) Stockman, 1904a, 1014; 1904b, 862.
- (TENNESSEE) West, 1910, BSBHT, 1-36, figs. 1910, *ibid.*, 157-192, figs. 1-8.
- (TORINO) Bozzolo, 1882a, 1-3, 9-10.—Fenoglio, 1882a, 1-48; 1884a.—Perronc., 1880n, 389-392; 1880o, 361; 1880r, 824-828; 1881b, 8-10; 1913, GRAM, v. 145, v. 19 (2), 57-61; 1913, AAA, v. 56, 212-217; 1913, BAM, v. 77 (23), 581-595; 1914, AAA, v. 56, 347-356.
- (U. S. A.) Burnett, 1913, KMJ, v. 11 (16), 744; 1913, MSMSJ, v. 12 (9).—Dead. & Thomps., 1916a, 487.—Fitch, 1904, SM, v. 11, 274-284; 1905, RMCH, v. 10 (2).—Holt, 1909, PFG, v. 24 (27), 12.—Stewart, 1910, JAMS, Oct.—Strosnider, 1911, JAMA, v. 56 (14), 1024-1027.
- (VENEZUELA) Mount-Biggs, 1914-15, TSTMH, v. 8, 216-218; 1915, JTMH, v. 18 (15), 178-179; 1915, TDB, v. 6 (6), 302.
- (VICKSBURG, MISS.) Leathers, 1913, TMM, v. 46, 208-215.
- (VIRGINIA) Perkins, 1910, VMSM, v. 15 (16), 368-371.
- (WASH., D. C.) Claytor, 1903, MR, v. 63 (19), 757; 1903, AM, v. 5 (20), 772; 1903, MN, v. 82 (21), 994-996; 1903, JAMA, v. 41 (5), 308-314; 1903, MR, v. 64 (6), 227; 1904, CIB, v. 34 (14-15), 477-478.—Leys, 1912, USXMB, v. 6 (4), 552-555.—Stiles, 1909c, 1191-1193; 1909r, 1-5; 1909s, 657; 1909t, 477-478; 1909u, 1307; 1909v, 4-7; 1910, PHB, (32), 1-40, figs. 1-29.—Stiles & Leonard, 1911, BMSJ, v. 165 (25), 961.
- (MISCELLANEOUS) Castellvi, 1907, 517; 1908, 585.

Uncinariasis treatment, aloes:

- (GR. BRIT.) Fagge & Pye-Smith, 1902a, 467.
- , areca nut, powdered:
- (INDIA) Bentley, 1904, IMG, v. 39 (4), 135-136.
- , asafoetida:
- (GR. BRIT.) Fagge & Pye-Smith, 1902a, 467.
- , autogenous vaccine of a coliform organism:
- (GR. BRIT.) Archibald, 1913, JTMH, v. 16 (17), 260-262, charts 1-2.
- , Beta-naphthol:
- (CAIRO) Sandwith, 1908d, 741.
- (GR. BRIT.) Nicol, 1911, JTMH, 51, 52; 1912, 1-5.
- (INDIA) Corteling, 1916, IMG, v. 51 (3), 98-99; 1916, TDB, v. 8 (3), 197.—Orme, 1915, IMG, v. 50 (6), 207-208; 1915, BMJ, v. 2, 176-177; 1915, JTMH, v. 18 (16), 188-189; 1915, NYMJ, v. 102 (5), 263 (poisoning following treatment).
- (PORTO RICO) Gutierrez, Gonzales & Sein, 1907, 29, 33.
- , calomel:
- (CEYLON) Gratien, 1888a, 135.—Kynsey, 1893, 165.
- (SWITZ.) Bugnion, 1881c, 382.
- , castor oil:
- (WIEN) Atlas, 1894b, 497-498.
- , Doliarina:
- (DEUTSCHLAND) Bäumler, 1885a, 3-7.—Leichenstern, 1885, 525.
- (FRANCE) Ficoine, 1881, Paris Méd., v. 6, 233.—Ricklin, 1881b, 381-382.
- (GR. BRIT.) BMJ, 1885, 118.
- (ITALY) Bozzolo, 1881a, 17-19; 1881b, 10-12; 1881c, 673-675; 1881d, 71.
- , eucalyptus oil:
- (BELGIUM) Herman, 1905, BARM, v. 19, 192-199; 1905, JmB, v. 10, 263 (with chloroform and castor oil).
- (EGYPT) Phillips, 1905b, 341-343; 1906a, 285-286; 1906b, 75; 1906c, 689; 1906d, 275; 1906e, 314; 1906f, 417; 1906g, 392-393; 1906, AST, v. 10 (3), 256; (23), 761; 1907a, 800.
- (FRANCE) Brimont, 1910, AHMc, v. 13, 335-338 (eucalyptol) 1910, BOiHp, v. 2 (8), 1297; 1910, Pm, v. 18 (85), 800; 1910, BIP, v. 8 (20), 909.
- (DEUTSCHLAND) Greisert, 1913, AST, v. 17, 765-782.
- (GR. BRIT.) Nicol, 1912, JTMH, 1-5.
- (ITALY) Borini, 1911, Pol., v. 17 (29), 913; 1912, AST, v. 16 (1), 21.
- (JAVA) Wijn, 1910a, 178-179; 1910b, 1021-1022.
- , eucalyptus oil, chloroform & castor oil:
- (PORTO RICO) Gutierrez, Gonzalez & Sein, 1907, 55.
- , extract of pomegranate root:
- (JAPAN) Kashimura, 1893a, 1-3.
- , Gammeleira or Ficus dolearis:
- (AUSTRALIA) Hogg, 1889, AMG, 134.
- , iron, quinine & thymol:
- (ASSAM) Shand, 1893a, 104.
- , latex d'higueron: Berrio, 1912, SMHt, 31 Oct.: 1912, Pm, v. 20 (96), 979.
- , kamala:
- (ITALY) Grassi & Par., 1879, 420.
- , male fern:
- (AUSTRIA) Hofbauer, 1901a, 2094; 1902a, 813.
- (CEYLON) Kynsey, 1893, 165.
- (DEUTSCHLAND) Brandenburg, 1908, MK (10); 1908, DmW, v. 34 (24), 1072.—Bruns, 1911, CfB, 178-179; 1911, 397.—Eich, 1891a, 966-971.—Greisert, 1913, AST, v. 17, 765-782.—Hackl, 1904a, 346-347; 1904b, 433; 1904c, 469; 1904d, 438.—Looss, 1914, HdT, v. 2, 411.
- (INDIA) Thornhill, 1895, IMG, v. 30, 344 (with thymol), 382.

Uncinariasis treatment, male fern—Continued.

(ITALY) Audenino, 1881b, 778-782.—Grassi & Par., 1879, 420.—Maj, 1881c, 361-362.—Mori, 1895a, 594-598.—Par., E, 1881a, 72-91; 1881b, 49-55; 1881c, 107-108; 1881d, 448; 1881e, 1-22; 1882c, 353-355; 1882d, 554-560; 1889a, 10, 11, 12.—Poletti, 1881a, 312-314.—Tosatto, 1881a, 127-130; 1883d, 12-33.

(LOND.) BMJ, 1885, 118.—Mans., 1903, 657; 1901, 549-550.—Nattan-Larrier, 1908, JTMH, v. 11 (17), 272.—Sandwith, 1894, v. 1, 1366.

(SWITZ.) Bugnion, 1881c, 382.

(TORINO) Perronc., 1880u, 801-804; 1880v, 278; 1880w, 351; 1880, 827-828; 1881g, 71; 1881m, 170-174; 1881n, 6; 1881p, 163-168.

(WASH., D. C.) Stiles, 1903l, 10, 86.

—, Malvoz Lambinet method:

(FRANCE) Fabre, 1905, Lm, v. 24, 131-138.

—, naphthol:

(DEUTSCHLAND) Greisert, 1913, AST, v. 17, 765-782.

—, oil of chenopodium:

(CHICAGO) Bishop & Brosius, 1915, JAMA, v. 65 (19), 1610-1613.

(DUTCH E. INDIES) Tijssen, 1915, GTNI, v. 55 (4), 450-457; 1916, TDB, v. 8 (8), 517.

(NEW YORK) Coutant, 1916, JAMA, v. 67 (22), 1599-1600 (poisoning).

(SUMATRA) Schöffner, 1913, MmW, v. 60, 129-131; 1913, ICHD, v. 1 (2), 734-739.—Vervoort, 1913, GTNI, v. 53 (3), 435-445; 1914, TDB, v. 3 (6), 279.

(U. S. A.) Levy, 1914, BJHH, v. 25, 160.

(WASH., D. C.) Motter, 1914, PHR, v. 29, 2651-2653.

(WILMINGTON, N. C.) Elmendorf, 1916, VMSM, v. 20 (22), 552-554.—Schmitt & Belden, 1916, CMJ, v. 73, 118-122.—Stiles, 1916, VMSM, v. 20 (22), 552.—Walker, 1916, VMSM, v. 20 (22), 554.

—, oil of peppermint:

(INDIA) Thornhill, 1895, IMG, v. 30, 382.

—, oil of turpentine:

(GR. BRIT.) Fagge & Pye-Smith, 1902a, 467.

—, patent medicines:

(FLORIDA) Kinyoun, 1907 (5), 125.

—, Pelletierinum tannicum:

(DEUTSCHLAND) Leichtenstern, 1885, 525.

(GR. BRIT.) Nicol, 1912, JTMH, 1-5.

—, percloruro di ferro:

(CATANIA) Galvagno, 1905, Gs, v. 49-51.

—, podophyllin:

(DEUTSCHLAND) Neum., 1904a, 171; 1904b, 275; 1904c, 322; 1904d, 351; 1904e, 624; 1904f, 48; 1904g, 880; 1905a, 1060.

—, quassia:

(BRIT. GUIANA) Barnes, 1916, JTMH, v. 19 (8), 95.

—, santonine:

(DEUTSCHLAND) Leichtenstern, 1885, 525.

(LOND.) Sandwith, 1894, L, v. 1, 1366.

(SWITZ.) Bugnion, 1881c, 382.

—, soda sulphate:

(PORTO RICO) Gutierrez, Gonzalez & Sein, 1907, 29, 33.

—, "le ténifuge française:"

(BRUXELLES) Duhourcan, 1904, v. 2, 56-62.

—, thymol:

(ALABAMA) Toole, 1905, AMJ, v. 18, 9-12.

(ASSAM) Campbell, 1891, SRPA, 71.—Dobs., 1891, SRPA, 64, 66; 1892, 356; 1893, 2-3, 4; 1893a, 40-41, 43.

(BRAZIL) Britto, 1895a, 296-302.

Uncinariasis treatment, thymol—Continued.

- (CEYLON) Kynsey, 1893, IMG, 165.—MacDonald, 1887a, 23, 24.
 (DEUTSCHLAND) Fränkel, 1885, 445.—Greisert, 1913, AST, v. 17, 765-782.—
 Leichtenstern, 1885, 525.—Looss, 1914, HdT, v. 2, 410.
 (FIRENZE) Pieraccini, 1913, R, v. 7, 337-364.
 (GR. BRIT.) Nicol, 1911, JTMH, 52; 1912, 3.
 (INDIA) Giles, 1892h, 195.—Thornhill, 1895, IMG, v. 30, 344.
 (ITALY) Bertarelli, 1914, v. 56 (2), 587-591.—Bozzolo, 1881e, 129-130; 1881f,
 1-2; 1881, NTG, v. 17 (21), 322; 1912, I, v. 5, 353-360; 1912, JAMA, v. 58
 (23), 1744-1746; 1913, Pens. med., v. 3, 113-117.—Graziadei, 1882b, 821-
 855.—Leidi, 1913, RcCm, v. 14 (9), 142-144.
 (JAPAN) Nishida, 1910, SiKMJ, v. 29 (6).
 (LOND.) Mans., 1901, 549-550; 1903, 656, 657.—Nattan-Larrier, 1908, JTMH,
 v. 11 (17), 272.—Sandwith, 1894, L, v. 1, 1365, 1366, 1367.
 (PHILA.) Anders, 1903a, 1251.—Tyson, 1903a, 1194.
 (PORTO RICO) Ashford & King, 1903, AM, v. 6, 432.—Gutierrez, Gonzales, &
 Sein, 1907, 29, 33.
 (TEXAS) Dunbar, 1906, TJSM, v. 2, 71.—Smith, A. J., 1903, AJMS, 2.
 (U. S. A.) Evans, 1903, JAMA, v. 40, 990.—Johnson, 1905, Car. MJ, v. 53, 792-
 793.—Washburn, 1917, JAMA, v. 68, 1163.
 (WASH., D. C.) Schultz, 1911, JAMA, v. 57 (14), 1102-1106.
 (WILMINGTON, N. C.) Fechtig & Walker, 1916, TSJM, v. 11, 602.—Grave &
 Slater, 1915, NOMSJ, v. 68 (10), 629-638.—Stiles, 1913, PHR, v. 28, 119-
 124.—Stiles & Leonard, 1911, PHR, v. 26 (49), 1925; 1913, 712-717; 1913,
 PHR, v. 28 (3), 119-124.
 (MISCELLANEOUS) Bondurant, 1903, 298.—Vaz, 1879, 934.
 ———, thymotal:
 (U. S. A.) Pool, 332-333.
 ———, transfusion:
 (ITALY) Bozzolo, 1877a, 1252.
 ———, wanderings of larvæ:
 (BELGIUM) Firket, 1905, BArM (1), 9; 1906, CfB, v. 39 (4-5), 143.—Kemna,
 1906, ASRzmB, v. 40, xxxiv-xxxv.—Lambinet, 1905, BArM, v. 19 (12), 762-
 774; 1906, CPPS, v. 1 (14), 455; 1906, Pm, v. 14 (17), 132.
 (DEUTSCHLAND) Fülleborn & Schilling-Torgau, 1911, AST, v. 15, 569-571;
 1911, JLSTM, v. 1 (1), 20-21; 1912, HR, v. 22 (22), 1465-1466.—Schaudinn,
 1904s, 1338-1339; 1904t, 1-3; 1904u, 656; 1904v, 750-751; 1904w, 1181; 1904x,
 46; 1904y, 230; 1904z, 249; 1904aa, 852-853; 1904bb, 590; 1905d, 377-378;
 1905e, 616-617; 1905f, 990.
 (EGYPT) Looss, 1903d, 330-343; 1903e, 345; 1903f, 181; 1903g, 417-418; 1903h,
 350; 1903m, 600-603; 1904a, 3; 1904g, 750-751; 1904k, 751-752; 1905e, 225-
 233.
 UNCINARIINÆ Stiles, 1903k (1), 11 (subf.).
 UNCINNARIA Schmaltz, 1903, 15 Jan., 42 (misprint for Uncinaria).—Stiles & Hass.,
 1905b, 147.
 UNEINARIA Galli-Val., 1898n, 374 (misprint for Uncinaria).
 UNICINARIA Linst., 1902, in Stiles, 1902y, 778 (misprint for Uncinaria).—Stiles,
 1903k (1), 15.—Stiles & Hass., 1905b, 147.
 americana (Stiles, 1902) Linst. in Stiles, 1902y, 778.—Stiles, 1903, 19.
 UNGUILLULA Mol., 1857a, 151 (probably for Anguillula).
 URACANTHUS Dies., 1861a, Dec. 6, 728 (mt. brevispinosus) [not Uracantha Hope,
 ante 1846, coleopt.; Uracanthus Fitzinger, 1865, bird].—Stiles & Hass.,
 1905b, 147.
 brevispinosus Dies., 1861a, 728 (s. Nematodeum cavitatis abdominis passali-
 cornuti) (in Passalurus cornutus; Leidy, 1852b, 241-243, pl. 11 figs. 42-45).—
 Linst., 1878a, 302 (in P. c.).
 UROLABEA Eb. [nv.].—Carus, 1863, v. 2, 457-459 (f., contains: Urolabes, Amblyura,
 Phanogene, Enchelidium, Oncholaimus, Odontobius, Enoplus).

- UROLABES** Carter, 1858a, 414 (mt. palustris: 1859b, 99.—Carus, 1863, v. 2, 459.—Schneid., 1866a, 51 (so. *Enoplus*).—Stiles & Hass., 1905b, 148.
- barbata* Carter, 1859b, 43-44, pl. 3 fig. 32 (in clots of *Oscillatoria* in salt water drains; Isl. of Bombay).—Büetsch., 1874b, 272 (*Urolabis*).
- cirrata* Carter, 1859b, 41-42, pl. 3 fig. 28 (on *Gleocapsa*, on walls; Isl. of Bombay).—Bast., 1865c, 176-177 (Isl. of Bombay).
- erythrois* Carter, 1859b, 42, pl. 3 fig. 29 (in clots of *Oscillatoria* in salt water drains; Isl. of Bombay).—Bast., 1865c, 177 (salt water drain; Bombay).
- gleocapsarum* Carter, 1859b, 40-41, pl. 3 fig. 25 (on *Gleocapsa*, in walls and gutters; Isl. of Bombay).—Bast., 1865c, 175-176 (Isl. of Bombay).
- infrequens* Carter, 1859b, 43, pl. 3 fig. 30 (in clots of *Oscillatoria* in salt water drains; Isl. of Bombay).—Bast., 1865c, 178 (salt water drain; Bombay).
- labiata* Carter, 1859b, 41, pl. 3 fig. 26 (on *Gleocapsa* of walls; Isl. of Bombay).—Bast., 1865c, 176 (Isl. of Bombay).
- ocellata* Carter, 1859b, 43, pl. fig. 31 (in clots of *Oscillatoria* in salt water drain; Isl. of Bombay).
- palustris* Carter, 1858a, 414; 1859b, 33-40, pl. 2 fig. 7 (aquatic, in putrescency; Isl. of Bombay).—Büetsch., 1873a, 19.—Cobbold, 1883y, 561.—Silva Amado, 1873a, 151.
- parasitica* Carter, 1859b, 44, pl. 2 fig. 50 (in periton. cav., *Nais albida*; Isl. of Bombay).—Bast., 1865c, 177 (in N. a.; Isl. of Bombay).
- tentaculata* Carter, 1859b, 41, pl. 3 fig. 27 (on *Gleocapsa* in walls and gutters; Isl. of Bombay).—Bast., 1865c, 176 (Isl. of Bombay).
- UROLABIS** Büetsch., 1874b, 272 (for *Urolabes*).
- VAGANTIA** Perrier, 1897a, 1415 (order of *Nematoides*, contains: *Enchelidiidæ*, *Rhabditidæ*, *Calyptronemidæ*, *Enoplidæ*, *Phanodermidæ*, *Lastomitidæ*, *Dorylaimidæ*, *Oncholaimidæ*, *Eurystomidæ*).
- VENA** Gallandat, 1773a, 103-116 (mt. medinensis "qui *Dracunculus* dicitur, sive *Vena medinensis*").—Stiles & Hass., 1905b, 148.—See *Dracunculus*.
- dracunculus* Grundler, 1740a, 329 (so. *medina*).
- medina* Grundler, 1740a, 329 (s. *medinensis*, *dracunculus*).
- medinensis* (Linn., 1758) Gallandat, 1773a, 103-116.—Blainv., 1828a, 213.—R. Bl., 1899e, 506 (cf. loc. in *Homo*; Santo Domingo).—Blumenb., 1825a, 240 (to Gerd.) (in H.).—Braun, 1903a, 260 (to Fil.); 1915a, 304.—Brumpt, 1910a, 464; 1913a, 526.—Cast. & Chalm., 1910a, 417.—Criv., 1845a, 4.—Fuchs, 1781a, 1-40.—Grunder, 1740a, 329 (so. *medina*).—Huber, 1896a, 593 (so. *Dracunculus persarum*).—Lam., 1801a, 329 (to G.).—Looss, 1905c, 182 (to D.).—McCan, 1822a, 14.—Nev.-Lem., 1902a, 113; 1908a, 490; 1912a, 781.—Peré, 1774a, 121-132.—Rud., 1810a, 363.—Schneid., 1866a, 3, 11.—Sl. & Sw., 1912a, 355.—Stiles, 1907b, 39, 42.—Velsch, 1674a, 1-456.—Ward, 1895a, 332 (in H.).
- VERMICULUS** Dugl., 1895a, 1150 (so. *Dracunculus*). [Cf. *Vermiculus* Meuschen, 1787; Dalyell, 1853; *Vermiculum*.]
- capillaris* Dugl., 1895a, 1150 (so. *Dracunculus*).
- VERMIS** [collective group, no type].
- antilopes* Rud., 1810a, 265 (s. *Asc. hirci*, *Fus. hirci*, 363 (in *African Boek*) (dubius).
- argentina-sphyræna* Rud., 1810a, 282 (in *Argentina sphyræna*; Redi).
- colubri-natrix* Rud., 1810a, 270, 363 (based on Herzog von Holstein-Beck, *Naturf.* 21, 7, pl. 1 figs. 6-7, in *Coluber natrix*) (dubius).
- cordis* Reichard, 1759, 4 [nv.].—Rud., 1808a, 56.
- falconis-butonis* Rud., 1810a, 363, 380 (based on Goze, 1782a, 85) (dubius).
- falconis-milei* Rud., 1810a, 363, 378 (based on Goze, 1782a, 126) (dubius).
- falconis-nisi* Rud., 1810a, 266 (by Redi), 363 (by Goze) (dubius).
- gadi-morhuæ* Rud., 1810a, 277 (gadorum virentis et morhuæ s. *Hydatula gadorum* Rathke), 363 (dubius).
- gadi-virentis* Rud., 1810a, 277-278, 363 (gives gadorum virentis et morhuæ) (s. *Hydatula gadorum*) (dubius).
- gasterostei* Rud., 1810a, 363 (dubius) (for *gasterostei-aculeati*).
- gasterostei-aculeati* Rud., 1810a, 279-280 (s. *Gord. globicola*).
- gordii-aquatici* Rud., 1810a, 363 (dubius).

VERMIS—Continued.

- guiniensis* Dungl., 1893a, 1151 (=Fil. medinensis).
lumbrici-terrestis Rud., 1810a, 288–290 (s. Asc. minutissima), 363 (dubius).
medinensis [Linn., 1758] Dies., 1851a, 269 (to Fil.).
murænæ-anguillæ Rud., 1810a, 274, 363 (dubius).
muris-amphibii Rud., 1810a, 262, (by Redi), 363 (dubius).
muris-musculi Rud., 1810a, 262 (by Redi), 363 (dubius).
mustelæ-foinæ Rud., 1810a, 263, 363 (dubius).
mustelæ-martis Rud., 1810a, 263, 363 (dubius).
mustelæ-putorii Rud., 1810a, 263, 363 (dubius).
ovis Rud., 1810a, 265 (Zed., 1800a, 102, pl. 2 fig. 4), 363 (dubius).
rajæ-fullonica Rud., 1810a, 270 (s. Asc. rajæ Müell.), 363 (dubius).
ranæ-pipæ Rud., 1810a, 267, 363 (dubius).
salmonis-lavareti Rud., 1810a, 281 (quotes Fabr., 269), 363 (dubius).
salmonis-salaris Rud., 1810a, 280 (quotes Braun), 363 (dubius).
squali-catuli Rud., 1810a, 272 (in *Squalus catulus*) (dubius).
vespertilionis Rud., 1810a, 262 (in *Vespertilio*; Redi).

VIANNAIA Trav., 1914, Bm, 326 (6) (tod. viannai).—Hall, 1916a, 149, 153, 158, 159; 1916b, 519.

- conspicua* Trav., 1914, 326–327 (7) (in *Didelphis opossum*; Rio de Janeiro).
fariai Trav., 1915, Bm, 388 (3–4) (in *Lepus brasiliensis*; Brazil).
hamata Trav., 1914, 326 (7–8) (in *Didelphis aurita*; Rio de Janeiro).
hydrocheri Trav., 1914, 326 (8) (in *Hydrocherus capibara*; Estado do Rio).—Hall, 1916a, 158 (in *Hydrochærus hydrochæris*; Brazil).
minuscule Trav., 1915, 388 (4) (in *Tamandua tetradactyla*; Angra dos Reis, Brazil) [genus given as *Vlannia* in reprint, p. 4].
polygyra (Duj., 1845) Hall, 1916a, 153, 158–160 (in *Apodemus sylvaticus*, *Microtus arvalis*; France).
pusilla Trav., 1914, 329 (pusilla) (7 pussilla) (in *Didelphis aurita*; Rio de Jan.).
viannai Trav., 1914, 326 (6–7) (in *Didelphis aurita*; Rio de Jan.).

VIBRIO Müell., 1773b, 39–49 (type species very doubtful); 1786a, 60.—Bory, 1824n, 773–780.—Moul., 1856a, 121.—Stiles, 1905z, 11.—Stiles & Hass., 1905b, 148–149.

- acerosus* Schrank, 1829 [nv.].—Ehrenb., 1838a, 82 (=Closterium).
aceti Müell., 1783, 162 (anguille du vinaigre Rozier, 1775, pl. 1 fig. 5, etc.); 1786a, 63 (to *Anguillula*).—Bory, 1824n, 778.—Ehrenb., 1838a, 82 (to A.).
acus Müell., 1786a, 59, pl. 8 figs. 9–10 (in Jossis Castelli Havniensis).—Ehrenb., 1838a, 82 (to *Euglena*).
agrostis Steinbuch, 1799a, 233 (on *Agrostis silvatica*; Erlangen).—Ehrenb., 1838a, 82 (to *Anguillula*).
ambiguus Duj., 1841a, 221–222, p. 1 fig. 7 (sur une infusion de chair; by Duj.).—Dies., 1850a, 19 (so. prolifier).
amblyoxys Ehrenb. [nv.]; 1838a, 83.
anas Müell., 1786a, 72, pl. 10 figs. 3–5 (in aqua marina).—Ehrenb., 1838a, 82 (to *Amphileptus*).
anguillula Müell., 1773b, 41 (in glutine farinosa et alibi; cf. *aceti*, *fluvialis*, and especially *glutinis*; 1783, Müell. divided *anguillula* into 4 species, *aceti*, *glutinis*, *fluvialis*, *marinus*; 1786a, 63–68 (4 vars., *aceti*, *glutinis*, *fluvialis*, *marina*).—Ehrenb., 1838a, 82 (of Müell., 1786, so. *Anguillula fluvialis*).—Roffredi, 1775a, 202, 203, 219, 221, 222.
anguillula aceti (Müell., 1783) Bory, 1824n, 778.
anguillula fluvialis Müell., 1786a, 65–66, 68, pl. 9 figs. 5–8 (for *fluvialis* Müell., 1783, 161).
anguillula glutinis (Müell., 1783) Müell., 1786a, 64–65, 67, pl. 9 figs. 1–4 (in glutine farinosa).
anguillula marina (Müell., 1783) Müell., 1786a, 66–67, 68, pl. 9 figs. 9–11.—Bory, 1824n, 778.

VIBRIO—Continued.

- anser* Müell., 1773b, 46–47 (in aquis, ubi Lemna, hospitatur).—Bory, 1822a (to Amphileptus).—Ehrenb., 1838a, 82 (to Amphileptus).
- bacillus* Müell., 1773b, 40.—Bory, 1824n, 775–776.—Cohn, 1872, 178.—Oken, 1815a, 36 (to Enchelys).—Stiles, 1905z, 35.
- bipunctatus* Müell., 1786a, 52, pl. 7 fig. 1 (in aqua marina).—Ehrenb., 1838a, 82 (so. *Synedra ulna*).
- coluber* Müell., 1786a, 62–63, pl. 8 figs. 16–18 (in aqua fluviali).—Bory, 1824n, 777.—Ehrenb., 1838a, 82.
- colymbus* Müell., 1773b, 49 (in aquis raro).—Ehrenb., 1838a, 82 (to Amphileptus).
- continuus* Müell., 1786a, 52.—Ehrenb., 1838a, 82 (to Oscillaria).
- cygnus* Müell., 1773b, 47 (in aqua stagnante; 1786a).—Ehrenb., 1838a, 82 (to Amphileptus).
- longalans* Hempr. & Ehrenb., 1828a, pl. 1 fig. 13 [nv.].—Ehrenb., 1838a, 83 (to Anguillula).
- eruca* Schrank, 1829 [nv.].—Ehrenb., 1838a, 83 (to Enchelys).
- falx* Müell., 1773b, 46 (in paludosis Lemna reiertis; 1786).—Ehrenb., 1838a, 82 (to Trachelius).
- fasciola* Müell., 1773b, 48–49 (in aqua gelu soluta; 1786a, 69–70, pl. 9 figs. 18–20).—Ehrenb., 1838a, 82 (to Amphileptus).
- filaria* Schrank, 1829 [nv.].—Ehrenb., 1838a, 83 (to Oscillatoria).
- fluvialis* Müell., 1783, 161–162 (quotes *Vibrio anguillula pars*; 1786a, 65 (fluvialis, var. of Anguillula).—Ehrenb., 1838a, 82 (to Anguillula).
- fluvialis* (Müell., 1786a, 65) Bory 1824n, 777 (quotes *V. anguillula fluvialis*).
- fusus* Schrank, 1796, 317 [nv.].—Ehrenb., 1838a, 83 (so. *Navicula fulva*).
- geniculatus* Müell., 1786a 52.—Ehrenb., 1838a, 82 (to Oscillatoria).
- glutinis* Müell., 1783, 162–163 (quotes *Vibrio anguillula pars* and *Chaos redivivum*).—Bory, 1824n, 780.—Ehrenb., 1838a, 82 (to Anguillula).—Sherborn, 1902a, 428.
- gordius* Müell., 1786a, 60, pl. 8 figs. 13–14 (in infuso marino).—Bory, 1824n, 776.—Ehrenb., 1838a, 82 (to Amblyura).
- graminis* Dies., 1851a, 132 (apparently for *agrostis* Steinbuch, 1799, 233, pl. 5).
- humana* Knox, 1843a, 805 (so. *Trichina spiralis*).—R. Bl., 1888a, 787 (so. *T. s.*).
- intermedius* Müell., 1786a, 77, pl. 10 figs. 19–20 (s. *Paramecium fasciola*).—Ehrenb., 1838a, 82 (to Trachelius).
- intestinalis* Müell., 1773b, 44 (in aquis paludosis).—Ehrenb., 1838a, 82 (to Enchelys?).
- lacustris* Schrank, 1829 [nv.].—Ehrenb., 1838a, 83 (=Anguillula fluvialis).
- lagena* Schrank, 1829 [nv.].—Ehrenb., 1838a, 83 (so. *Ichthyidium podura*).
- lincola* Müell., 1773b, 39 (in infusione vegetabilis).—Bory, 1826, 317, pl. 6 fig. 1 (so. *Melanella atoma*).—Dies., 1859a, 16 (s. *M. a.*, *Bacterium termo*), 17 (of Hempr. & Ehrenb., so. tremulans, 621.—Ehrenb., 1830a (1832a), 37 (17) (type of *Lincola*).—Hass., 1859a, 503–504 (development, in urine; *Homo*).—Migula, 1897, 4 (unrecognizable).—Stiles, 1905z, 32.
- linter* Müell., 1786a, 68, pl. 9 figs. 12–14.—Ehrenb., 1838a, 82 (to Trachelius).
- lunula* Müell., 1786a, 52, 55, pl. 7 figs. 8–15.—Ehrenb., 1838a, 82 (to Closterium).
- malleus* Müell., 1773b, 47–48 (in aquis putei copiose; 1786a, 58, pl. 8 figs. 7–8.—Ehrenb., 1838a, 82 (so. *Cercaria malleus lineata*).—Moul., 1856a, 168 (so. *Cercaria furcata*).—Nitzsch, 1827, 58, pl. 8 figs. 7–8, 68 (so. *C. f.*).
- marinus* Müell., 1783, 163 [on p. 161 quotes *Prodromus* 281]; 1786a, 66 (var. of anguillula).—Ehrenb., 1838a, 82 (to Enchelidium).
- ministerialis* Bory, 1824n 778 (dans l'eau des truffes).—Ehrenb., 1838a, 83 (? so. *Anguillula glutinis*), 85.
- olor* Müell., 1786a, 75, pl. 10 figs. 12–15 (s. proteus, in aqua palustri).—Ehrenb., 1838a, 82 (so. *Lacrymaria olor*).
- parvillifer* Müell., 1786a, 52, 54, pl. 7 figs. 3–7.—Ehrenb., 1838a, 82 (so. *Bacillaria paradoxa*).
- phalaridis* Steinbuch, 1799a, 253–257 (on *Phalaris*).—Ehrenb., 1838a, 82 (to Anguillula).

VIBRIO—Continued.

- prolifer* Ehrenb., 1831b, 67 (Berl.).—Cohn, 1872, 181 (so. *Spirillum undula*).—Dies., 1850a, 18, 622.—Duj., 1841a, 220.—Migula, 1897, 4 (so. S. u.) (no longer recognizable).
- proteus* (Pall., 1766) Müell., 1773b, 45 [see also The *Proteus* Baker, 1752; *Brachionus proteus* Pall., 1766, 94] (in aqua: 1786a, 75 (so. olor).—Ehrenb., 1838a, 82 (so. *Lacrymaria olor*).—Gmel., 1790a, 3899.
- rugula* Müell., 1786a, 44, pl. 6 fig. 2.—Bory, 1826, 317 (so. *Melanella flexuosa*).—Dies., 1850a, 17–18, 621.—Migula, 1897, 4 (no longer recognizable).
- sagitta* Müell., 1786a, 59–60, pl. 8 figs. 11–12 (in aqua marina).—Ehrenb., 1838a, 82 (to *Euglena*?).
- saturniæ* Dies., 1851a, 136 (to *Anguillula*).
- serpens* Müell., 1786a, 48, pl. 6 figs. 7–8 (in aqua fluviali).—Bory, 1824n, 776–777 (quotes Müell., 48, pl. 6 figs. 7–8).—Ehrenb., 1838a, 82 (to *Spirulina* (*Oscillatoria*)).
- serpentulus* Müell., 1773b, 42 (in infusione vegetabili) (quotes Hill, etc.): 1786a, 61, pl. 8 fig. 15.—Bory, 1824n, 777–778 (quotes Müell., Inf. 61, pl. 8 fig. 15).—Ehrenb., 1838a, 82 (to *Amblyura*).
- spirillum* Müell., 1786a, 49–50, pl. 6 fig. 9 (in infusione Sonchi arvensis).—Ehrenb., 1838a, 82 (so. *Spirillum volutans*) [tat. of *Spirillum*].
- strictus* Müell., 1786a, 71, pl. 10 figs. 1–2.—Ehrenb., 1838a, 82 (to *Lacrymaria*).
- subula* Schrank, 1829 [nv.].—Ehrenb., 1838a, 83 (so. *Euglena acus*).
- tripunctatus* Müell., 1786a, 52, pl. 7 fig. 2 (in Fossa Rosenburgensi).—Ehrenb., 1838a, 82 (so. *Navicula gracilis*?).
- tritici* Steinbuch, 1799a, 251 (based on Roffredi, 1775a, in 197–225; 1776a, in 369–385).—Aitken, 1866, 845, 880; 1872, 151; 1872, 175.—Bauer, 1823, 1–16, pl. 1 figs. 1–23, pl. 2 figs. 1–2.—Bory, 1824n, 779–780 (quotes Bauer, pl. 8, Gmel., 3900).—Ehrenb., 1838a, 82 (to *Anguillula*).—Ward, 1895a, 320.
- truncatus* Schrank, 1829 [nv.].—Ehrenb., 1838a, 83 (to *Enchelys*?).
- turrifer* Schrank, 1829 [nv.].—Ehrenb., 1838a, 83 (to *Coconema*? (*Navicula*?)).
- undula* Müell., 1773b, 43–44 (in aqua Lemna cooperta).—Bory, 1824n, 776 (quotes Müell., 1786a, 46, pl. 6 figs. 4–6).—Dies., 1851a, 20, 31 (so. *Spirillum volutans*), 220 (to S.).—Ehrenb., 1830a, 58 (to S.); 1838a, 83 (to S.).—Stiles, 1905z, 34.
- utriculus* Müell., 1773b, 48 (in aqua fluviali menses, vasculo stagnante).—Ehrenb., 1838a, 82 (to *Trachelius*).
- vermiculus* Müell., 1773b, 42–43 (in aqua palustri).—Ehrenb., 1838a, 82 (so. *Bursaria intestinalis*).
- verminus* Müell., 1786a, 57, pl. 8 figs. 1–6 (in aqua marina).—Ehrenb., 1838a, 82 (to *Trachelius*?).

VIGUIERA Seur., 1913, BSHnA, v. 5 (9), 223–225, figs. 1–5 (tod. euryoptera).

euryoptera (Rud., 1819) Seur., 1913, 223–225, figs. 1–2 (in Pies grièches à Tête rouge; Mascara, Sétif); 1914, CrAS, 1017; 1916, CrSB, 737.

[*turdi* (Mol., 1860) Seur., [1913], 12.]

VISCOSIA Man, 1890b, 184–189 (subg. of *Oncholaimus*) (tsd. viscosus).—Stiles & Hass., 1905b, 149.

glaber (Bast., 1865) Man, 1890b, 188–189, pl. 5 fig. 9 to O. (V.) (Penzance, Calvados).

langrunensis Man, 1890b, 186–188, pl. 4 fig. 8 to O. (V.) (les côtes du Calvados).

linstowi Man, 1904, EAB, 15–16, pl. 3 fig. 5 to O. (V.) (sur carapace d'un crabe, *Eurypodius latreilli*; Baie d'Orange, Terre de Feu).

viscosus (Bast., 1865) Man, 1890b, 184–186, fig. 7 to O. (V.) (Holland, Calvados, de la Manche).

VITULUS Aldrovande, 1638, 720 [not *Vitula* Ragonot, 1888, insect].

aquaticus Aldrov., 1638 [nv.].—R. Bl., 1897d, 4.—Criv., 1845a, 4.—Fiori, 1881a, 731 (vel seta).—Patruban, 1875, 69.—Pall., 1760. (= *Dracunculus medinensis*).—Rail., 1893a, 563 (to Gord.).—Stiles, 1907c, 55 (in Homo; Italy), 57.—Villot, 1874a, 45 (to G.).

marinus Velsch, 1674a, pl. 2 (s. *Seta aquatica*).

VLANNIA Trav., 1915, 4 (of reprint of Bm, p. 388) (apparently misprint for *Vianaia*).

- WARRENIUS** Hall, 1916a, 123 (*Trichostrongylinae*, 142-143 (*tod. quadrivittati*) [not *Warrenia* Prout, 1910, insect]; 1916b, 518.
quadrivittati Hall, 1916a, 143-144, figs. 187-191 (in *Eutamias quadrivittatus*: Colo.).
- WELCOMIA** Rail. & Henry, 1916, CrSB, 115 (for *Welcomia* (type *mittelli*) (*Oxyuri-dae*).—Hall, 1916a, 225.
mittelli (Sambon, 1907) Rail. & Henry, 1916, 115.—Hall, 1916a, 225.
- WELCOMIA** Sambon, 1907, 420, Mar. 26, 15 (mt. *mittelli*; 1907, PZSL, Aug., 282 (mt. *mittelli*).—Rail. & Henry, 1916, CrSB, 115 (type *mittelli*).
mittelli Sambon, 1907, 15 (in *Pedetes caffer*: 1907, 282 (in *P. cafer*: Ing.).—Rail. & Henry, 1916, 115.
- Whipworm** (English vernacular name for *Trichuris*, *Trichocephalus*).—Cobbold, 1862g, 325-331, figs. 1-2, 1 pl. figs. 1-8; 1883ss, 1768.
— of rat's liver: Bancroft, 1893a, 86-90, pl. 7 figs. 1-3, 7, pl. 8 figs. 4-6.
- WILSONEMA** Cobb, 1913, JWAS, v. 3(2), 443 (mt. *capitatum*).—Petrunkévitch, 1916, 82, fig. 19.
capitatum Cobb, 1913, 443 (in arable soils; U. S. A.).
- Wireworm** (English, especially Australian and S. African, vernacular name for various strongyles, especially for *Hæmonchus*) (in U. S. A., wireworm usually refers to larvæ of *Elateridæ*).
— in donkeys: Gray, 1907, TAJ, v. 6(21), 139-140.
— in ostriches: AJCGH, 1894, 576.—Gould, 1910, AJCGH, v. 37, 317-318.—Hutcheon, 1893q, 425.—Joubert, 1906, v. 28(2), 263-264 (carbolic treatment).
— in sheep: Allen, 1892, 251.—Bastard, HMS., 1905, 645-646 (treatment).—Cook, 1892a, 240 (bluestone).—Crowhurst, 1897d, 598 (sulphate of iron).—Dodd, 1908, QAJ, v. 21(2), 93-96, figs. 1-2.—ESR, 1906, v. 17(11), 1090 (bisulphid of carbon) (quotes J. Bd. Agric., Lond., v. 12, 104-105).—Fincham, 1891a, 207; 1894a, 603 (treatment).—Hellier, 1893, AJCT, v. 6(6), 109 (bluestone).—Hood, 1907, AES, 1-2.—Hutcheon, 1891, AJ, v. 3(15), 133; 1892, AJ, v. 4(20), 240 (bluestone); 1891, AJCT, v. 3(15), 133; 1891c, 179-181 (sulphate of copper); 1891f, 8-9; 1892a, 177-178 (bluestone); 1892d, 233-235 (bluestone); 1892e, 240 (bluestone); 1892f, 22; 1892h, 55-56; 1892n, 141-142; 1892l, 100-102; 1893i, 347-348 (salt); 1893s, 452 (Cooper's dip); 1894b, 39-40 (and in goats); 1895b, 18-19; 1895c, 1-5 (sheep, goats, ostriches); 1895d, 88; 1897d, 125-132 (bluestone); 1899d, 725-732 (treatment); 1904f, 1904g, 293-294 (sheep, goats, ostrich).—Insect Life, Wash., 1892, v. 4(11-12), 404.—Knoblauch, 1893a, 386; 1907, AJCT, v. 31(1), 100-101 (and blue-tongue).—Liebenberg, 1893a, 388.—McDonald, 1913, AJUSA, v. 5(1), 133.—Niland, 1908, AJ, v. 33(5), 552.—Payn, 1900, AJCT, v. 17(6), 369.—Ruchs, 1911, AJUSA, v. 1(4), 598.—Simonds, 1893a, 284.—Smith, SC., 1904a, 728 (treatment).—Soga, 1891a, 181.—Stoney, 1897a, 297.—Theiler, 1913, AG, v. 21(3), 107-110, 1 fig.; (4), 138-143 (treatment).—Vincent, 1892a, 151.—Webster, 1908a, 115.—Wienholt, 1906a, 728-729 (treatment).
- WUCHERERIA** Silva Araujo, 1877a, 492, 503 (not clear whether this is a new generic name, mt. *filaria*, or a lapsus for *Filaria wuchereria*).
filaria Silva Araujo, 1877a, 492-504 (in *Homo*, lymph serotum: Bahia) (cf. *Fil. wuchereria*).—Bourel-Roncière, 1888a, 135.—Stiles, 1907, 36, 43.
- XIPHINEMA** Cobb, 1913, JWAS, v. 3(16), 436-437 (mt. *americanum*).
americanum Cobb, 1913, 436-437 (about roots of corn, grass, citrus trees; Atlantic and Pacific slopes, U. S. A.).
grandis Steiner, 1914, AHP, 427 (Switz.).
- XYO** Cobb, 1898a(b), 315(20) (mt. *hystrix*).—Rail. & Henry, 1916, CrSB, 115.
hystrix Cobb, 1898a, 315(20), fig. 37.—Johust., 1912, PRSQ, 75 (*hystrix*, to *Hystriognathus*).—Rail. & Henry, 1916, 115.
- ZONIOLAIMUS** Cobb, 1898a(b), 312(17) (*tod. [n. g., n. sp.] setifera*) [probably published between Apr. 16 and Mar. 1] [see *Cloacina*].—Rail. & Henry, 1913, 507 (so. *Cloacina*).—Stiles & Hass., 1905b, 150 (type *setifera*).
brevicaudatus Cobb, 1898a(b), 440-441 (48-49), figs. 104-105.
setifera Cobb, 1898a, 312, figs. 30i-v (n. g., n. sp.).



ADDENDA.

Circumstances preclude the publication of the addenda at present.

HYGIENIC LABORATORY BULLETINS OF THE PUBLIC HEALTH SERVICE.

The Hygienic Laboratory was established in New York, at the Marine Hospital on Staten Island, August, 1887. It was transferred to Washington, with quarters in the Butler Building, June 11, 1891, and a new laboratory building, located in Washington, was authorized by act of Congress March 3, 1901.

The following *bulletins* [Bulls. Nos. 1-7, 1900 to 1902, Hyg. Lab., U. S. Mar.-Hosp. Serv., Wash.] have been issued:

No. 2.—Formalin disinfection of baggage without apparatus. By M. J. Rosenau.

No. 43.—The standardization of tetanus antotoxin (an American unit established under authority of the act of July 1, 1902). By M. J. Rosenau and John F. Anderson.

†No. 44.—Report No. 2 on the origin and prevalence of typhoid fever in the District of Columbia, 1907. By M. J. Rosenau, L. L. Lumsden, and Joseph H. Kastle.

No. 45.—Further studies upon anaphylaxis. By M. J. Rosenau and John F. Anderson.

†No. 46.—*Hepatozoon perniciosum* (n. g., n. sp.); a hæmogregarine pathogenic for white rats; with a description of the sexual cycle in the intermediate host, a mite (*Lelaps echidninus*). By W. W. Miller.

No. 50.—Further studies upon the phenomenon of anaphylaxis. By M. J. Rosenau and John F. Anderson.

No. 52.—Report No. 3 on the origin and prevalence of typhoid fever in the District of Columbia (1908). By M. J. Rosenau, Leslie L. Lumsden, and Joseph H. Kastle.

†No. 53.—The influence of certain drugs upon the toxicity of acetanilide and antipyrine. By Worth Hale.

No. 55.—Quantitative pharmacological studies; adrenalin and adrenalin-like bodies. By W. H. Schultz.

†No. 59.—The oxidases and other oxygen catalysts concerned in biological oxidations. By Joseph Hoeing Kastle.

†No. 61.—Quantitative pharmacological studies; relative physiological activity of some commercial solutions of epinephrin. By W. H. Schultz.

No. 65.—Facts and problems of rabies. By A. M. Stimpson.

†No. 66.—I. The influence of age and temperature on the potency of diphtheria antitoxin. By John F. Anderson. II. An organism (*Pseudomonas protea*) isolated from water, agglutinated by the serum of typhoid-fever patients. By W. H. Frost. III. Some considerations on colorimetry, and a new colorimeter. By Norman Roberts. IV. A gas generator in four forms, for laboratory and technical use. By Norman Roberts.

No. 68.—The bleaching of flour and the effect of nitrites on certain medicinal substances. By Worth Hale.

No. 73.—The effect of a number of derivatives of choline and analogous compounds on the blood pressure. By Reid Hunt and R. de M. Taveau.

†No. 75.—Digest of comments on the Pharmacopœia of the United States of America (eighth decennial revision) and the National Formulary (third edition) for the calendar year ending December 31, 1908. By Murray Galt Motter and Martin I. Wilbert.

†No. 76.—The physiological standardization of ergot. By Charles Wallis Edmunds and Worth Hale.

No. 78.—Report No. 4 on the origin and prevalence of typhoid fever in the District of Columbia (1909). By L. L. Lumsden and John F. Anderson. (Including articles contributed by Thomas B. McClintic and Wade H. Frost.)

No. 81.—Tissue proliferation in plasma medium. By John Sundwall.

†No. 84.—Digest of comments on the Pharmacopœia of the United States of America (eighth decennial revision) and the National Formulary (third edition) for the calendar year ending December 31, 1910. By Murray Galt Motter and Martin I. Wilbert.

†No. 85.—Index-catalogue of medical and veterinary zoology. Subjects: Cestoda and Cestodaria. By Ch. Wardell Stiles and Albert Hassall.

†No. 86. Studies on typhus. By John F. Anderson and Joseph Goldberger.

†No. 87. Digest of comments on the Pharmacopœia of the United States of America (eighth decennial revision) and on the National Formulary (third edition) for the calendar year ending December 31, 1911. By Murray Galt Motter and Martin I. Wilbert.

No. 89. Sewage pollution of interstate and international waters with special reference to the spread of typhoid fever. VI. The Missouri River from Sioux City to its mouth. By Allan J. McLaughlin.

No. 90.—Epidemiologic studies of acute anterior poliomyelitis. I. Poliomyelitis in Iowa, 1910. II. Poliomyelitis in Cincinnati, Ohio, 1911. III. Poliomyelitis in Buffalo and Batavia, N. Y., 1912. By Wade H. Frost.

No. 91.—I. The cause of death from subdural injections of antimeningitis serum. By Worth Hale. II. Some new cholera selective media. By Joseph Goldberger.

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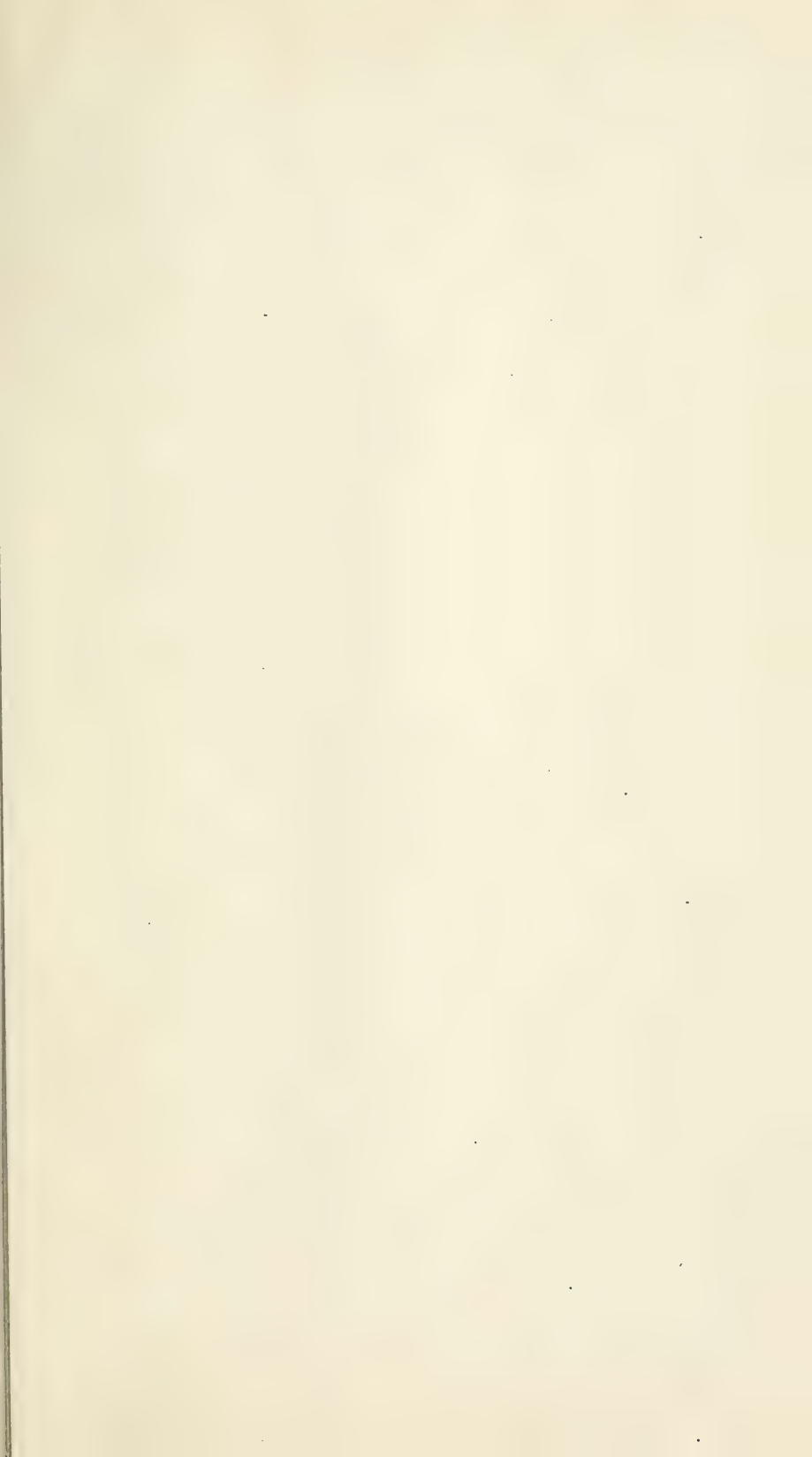
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